



COURSE CATALOG

2025–2026



A LETTER FROM THE SUPERINTENDENT

Dear Parents, Students, and Colleagues,

Welcome to the 2025–2026 course catalog for Detroit Public Schools Community District.

This catalog is not only a resource for students, families, faculty and staff, but it also represents our ongoing commitment to support our priorities of outstanding achievement and whole child commitment. Our wide range of course offerings will provide students with a strong foundation for pursuing their goals no matter what they are. In the catalog you will find information about our classes from elementary through high school and including adult education.

This catalog provides details about the content, graduation requirements, and types of courses. As we develop new and exciting courses, the catalog will be updated each year with the new and revised offerings. Please note that some courses are available at a subset of our schools based on special programming. We encourage students and families to look at this catalog together to use it to plan your academic pathway to graduation.

Preparing for your future begins with your learning at Detroit Public Schools Community District. Be ambitious in the path you choose through these courses so you can achieve your vision of success. Our Office of Enrollment would be happy to speak to parents and students to discuss where course offerings take place which will best serve student's needs.

Sincerely,

Nikolai P. Vitti, Ed.D.

Superintendent

Detroit Public Schools Community District







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MISSION

We educate and empower every student, in every community, every day, to build a stronger Detroit.

VISION

All students will have the knowledge, skills and confidence necessary to thrive in our city, our nation, our world.

CORE VALUES

Students First

Make decisions that are in the best interest of students. Use every resource strategically so that we can meet students individual needs.

Excellence

Be relentless in your pursuit of greatness. Be bold and innovate. Learn from your mistakes. Hold yourself and others to high standards.

Integrity

Do the right thing, even when no one is looking. Be honest. Be trustworthy. Be accountable.

Equity

Diversity is an asset that makes us stronger. Advocate for the needs of others. Ensure that all members of our community have access to the tools and resources they need to be successful.

Service

Listen. Empathize. Respond. Own problems and help to solve them.

Tenacity

Embrace hard work and persevere in the face of challenges. Follow through on your commitments and strive to do your best, no matter what.

**Students Rise.
We All Rise.**



BLUEPRINT 2027



Goal 1: Improve Attendance

- Access to Physical and Mental Healthcare
- Resources for Families
- Connected Community
- Expectations and Outreach



Goal 2: Push to Higher Levels of Proficiency

- Leadership Development
- Primary Instruction
- Anti-Racist Pedagogy
- Diverse Learner Support
- Learning Progressions for Required Staff Competencies



Goal 3: Graduate Future-Ready Students

- Social Emotional Learning
- New Diploma Paths and High School Day
- Success Rates on College and Career Ready Courses
- Tailored Data and Information



Goal 4: Assure Sustainability and Continued Progress

- Equitable Funding
- Balanced Budget
- Fully Staffed and Engaged Teams
- Professional Culture
- Clear Succession Management
- 21st Century Facilities

GRADUATION REQUIREMENTS

18.5 CREDITS

ENGLISH LANGUAGE ARTS (ELA)

4 CREDITS

English 9	(1 credit)
English 10	(1 credit)
English 11	(1 credit)
English 12	(1 credit)

MATHEMATICS

4 CREDITS

Algebra I	(1 credit)
Algebra II	(1 credit)
Geometry	(1 credit)
Senior Year Math	(1 credit)

SCIENCE

3 CREDITS

Biology	(1 credit)
Chemistry or Physics	(1 credit)
Additional Science	(1 credit)

SOCIAL STUDIES

3 CREDITS

U.S. History & Geography	(1 credit)
Civics	(.5 credit)
Economics	(.5 credit)
World History & Geography	(1 credit)

PHYSICAL EDUCATION

0.5 CREDIT

HEALTH

0.5 CREDIT

WORLD LANGUAGE

2 CREDITS

VISUAL, PERFORMING, AND APPLIED ARTS

1 CREDIT

PERSONAL FINANCE

.5 CREDITS

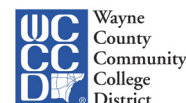
CAREER AND TECHNICAL EDUCATION

Career and Technical Education programs offered by the District, in partnership with various universities, allow high school sophomores, juniors, and seniors to explore exciting and rewarding careers at District Career and Technical Centers (CTC) while earning certifications and college credits. The programs the District offers are industry-focused, college, and career readiness electives that connect academic and technical skills to the future workplace. CTE programs connect what is learned in the classroom to real-world opportunities that include project learning, job shadowing, and paid internships.

CAREER PATHWAY OPTIONS		PROGRAM OF STUDY EXAMPLES				
CAREER ACADEMY	CAREER TECH CENTER	INDUSTRY CLUSTER	9 TH	10 TH	11 TH	12 TH
		Sample Program of Study	Career Pathway	Career Pathway	CTE-I	CTE-II Segment Q
Pathway Courses	CTE Course	Computer System Networking & Telecommunication	Office & Administrative Technology	Introduction to Computer Technology	CTE Computer Systems Networking & Telecom I	CTE Computer Systems Networking & Telecom II
CTE Courses		Engineering	Intro to Coding Intro to Engineering	Intro to 3D Modeling Multimedia Design	CTE Engineering Tech	CTE Engineering Tech-Advanced Training, Dual Enrollment
4 YEARS	1-2 YEARS	Animal Health & Veterinary Sciences	Veterinary Science I	CTE Animal Health and Vet Science I	CTE Animal Health and Vet Science II	N/A
		Business & Marketing	Career Explorations Intro to Business	Business Management I	CTE Sp Merch Sales and Marketing Ops CTE Business Adm Mgmt and Ops	CTE Sp Merch Sales and Marketing Ops CTE Business Adm Mgmt and Ops Senior Project

DUAL ENROLLMENT

Additionally, District High Schools offer Dual Enrollment courses in partnership with local colleges and universities, currently including Eastern Michigan University, Lawrence Technological University, University of Detroit Mercy, University of Michigan Dearborn, Wayne County Community College, and Wayne State University. Courses are offered at specific high schools in the District based on programming and will vary by high school. Please access the [Dual Enrollment Hub page](#) for the Dual Enrollment Handbook and course offerings.



PERSONAL CURRICULUM

Students may also request a Personal Curriculum, which allows for individualized adjustments to certain credit requirements. A Personal Curriculum may be requested for the following reasons: to earn additional credits in math, science, English language arts, or world languages; to modify the Algebra II requirement; for students who transfer from a nonpublic or out-of-state school after completing two years of high school; and for students with an Individualized Education Program (IEP). High school students and families may request a Personal Curriculum through their counselor.

ACKNOWLEDGEMENTS

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TABLE OF CONTENTS

ELEMENTARY & MIDDLE

10

FINE & PERFORMING ARTS	11	LIFE & PHYSICAL SCIENCES	40
WORLD LANGUAGE & LITERATURE	19	SOCIAL SCIENCES & HISTORY	42
PHYSICAL EDUCATION & HEALTH EDUCATION	27	COMPUTER SCIENCE & STEM	44
COMMUNICATIONS & AUDIO/VISUAL TECHNOLOGY	29	MULTILINGUAL	46
ENGLISH LANGUAGE & LITERATURE	29	ENGLISH LANGUAGE LEARNERS	47
MATHEMATICS	33	EXCEPTIONAL STUDENT EDUCATION	48
NON-SPECIFIC SUBJECT	38	MONTESSORI	56

HIGH SCHOOL

59

MILITARY SCIENCE	60	PHYSICAL EDUCATION & HEALTH EDUCATION	112
FINE & PERFORMING ARTS	61	ENGLISH LANGUAGE & LITERATURE	114
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	86	MATHEMATICS	122
BUSINESS & MARKETING	86	MISCELLANEOUS	130
CAREER PATHWAYS	89	LIFE & PHYSICAL SCIENCES	132
COMPUTER SCIENCE & STEM	92	SOCIAL SCIENCES & HISTORY	143
COMMUNICATIONS & AUDIO/VISUAL TECHNOLOGY	96	BILINGUAL	152
ENGINEERING & TECHNOLOGY	97	CTE/CHS	156
HEALTH CARE SERVICES	100	CTE/CTC	163
HOSPITALITY & TOURISM	101	ENGLISH LANGUAGE LEARNERS	170
MANUFACTURING	102	EXCEPTIONAL STUDENT EDUCATION	174
WORLD LANGUAGE & LITERATURE	102		

CREDIT RECOVERY

191

ELECTIVES	192	SCIENCES	193
ENGLISH	192	SOCIAL STUDIES/HISTORY	193
MATHEMATICS	192	WORLD LANGUAGES	193

ADULT EDUCATION

194

BUSINESS & MARKETING	195	WORLD LANGUAGE & LITERATURE	199
COMMUNICATIONS & AUDIO/VISUAL TECHNOLOGY	195	HUMAN SERVICES	200
COMPUTER & INFORMATION SCIENCE	196	MATHEMATICS	200
ENGLISH LANGUAGE & LITERATURE	196	PHYSICAL HEALTH & SAFETY EDUCATION	202
EXCEPTIONAL STUDENT EDUCATION	198	SCIENCE	203
FINE & PERFORMING ARTS	199	SOCIAL SCIENCES & HISTORY	204
		MISCELLANEOUS	206

The District may offer online equivalents of all courses in the catalog.



ELEMENTARY AND MIDDLE SCHOOL

FINE & PERFORMING ARTS

ART (GR K–5)

COURSE DESCRIPTION: Art courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for all grades.

COURSE LENGTH:
Year

GRADES:
K–5

COURSE CODE:
PA189SGY

ART (GR K–8)

COURSE DESCRIPTION: Art courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for all grades.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA189SGYA

ART (GR K)

COURSE DESCRIPTION: Art (kindergarten) courses provide to students developmentally appropriate activities to foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for kindergarten.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PA180SGY0

ART (GR 1)

COURSE DESCRIPTION: Art (grade 1) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 1.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PA181SGY1

ART (GR 2)

COURSE DESCRIPTION: Art (grade 2) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 2.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PA182SGY2

ART (GR 3)

COURSE DESCRIPTION: Art (grade 3) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 3.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PA183SGY3

FINE & PERFORMING ARTS

ART (GR 4)

COURSE DESCRIPTION: Art (grade 4) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 4.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PA184SGY4

ART (GR 5)

COURSE DESCRIPTION: Art (grade 5) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 5.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PA185SGY5

ART (GR 6–8)

COURSE DESCRIPTION: Art courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for all grades.

COURSE LENGTH:
Year

GRADES:
6–8

COURSE CODE:
PA189SGYM

ART (GR 6)

COURSE DESCRIPTION: Art (grade 6) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 6.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PA186SGY6

ART (GR 7)

COURSE DESCRIPTION: Art (grade 7) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 7.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PA187SGY7

FINE & PERFORMING ARTS

ART (GR 8)

COURSE DESCRIPTION: Art (grade 8) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 8.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PA188SGY8

BAND (GR K–8)

COURSE DESCRIPTION: Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of band literature styles. These courses emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA1011GYA

BAND II (GR K–8)

COURSE DESCRIPTION: Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of band literature styles. These courses emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA1012GYA

BAND III (GR K–8)

COURSE DESCRIPTION: Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of band literature styles. These courses emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA1013GYA

BAND IV (GR K–8)

COURSE DESCRIPTION: Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of band literature styles. These courses emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA1014GYA

CHOIR (GR K–8)

COURSE DESCRIPTION: Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA110SGYA

DANCE (GR K–5)

COURSE DESCRIPTION: The dance program is designed to educate, train, and develop talented students in the performance skills of dance. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
K–5

COURSE CODE:
PA039SGY

FINE & PERFORMING ARTS

DANCE (GR K–8)

COURSE DESCRIPTION: The dance program is designed to educate, train and develop talented students in the performance skills of dance. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA039SGYA

DANCE (GR K)

COURSE DESCRIPTION: Dance (kindergarten) courses provide developmentally appropriate activities to create awareness of bodily movement and its potential for creativity, expression, and communication. Specific course content conforms to any existing state standards for kindergarten.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PA030SGY0

DANCE (GR 1)

COURSE DESCRIPTION: Dance (grade 1) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 1.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PA031SGY1

DANCE (GR 2)

COURSE DESCRIPTION: Dance (grade 2) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 2.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PA032SGY2

DANCE (GR 3)

COURSE DESCRIPTION: Dance (grade 3) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 3.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PA033SGY3

DANCE (GR 4)

COURSE DESCRIPTION: Dance (grade 4) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 4.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PA034SGY4

DANCE (GR 5)

COURSE DESCRIPTION: Dance (grade 5) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen the ability to discern and critique. Specific course content conforms to any existing state standards for grade 5.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PA035SGY5

FINE & PERFORMING ARTS

DANCE (GR 6–8)

COURSE DESCRIPTION: The dance program is designed to educate, train, and develop talented students in the performance skills of dance. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
6–8

COURSE CODE:
PA039SGYM

DANCE (GR 6)

COURSE DESCRIPTION: Dance (grade 6) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen the ability to discern and critique. Specific course content conforms to any existing state standards for grade 6.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PA036SGY6

DANCE (GR 7)

COURSE DESCRIPTION: Dance (grade 7) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen the ability to discern and critique. Specific course content conforms to any existing state standards for grade 7.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PA037SGY7

DANCE (GR 8)

COURSE DESCRIPTION: Dance (grade 8) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen the ability to discern and critique. Specific course content conforms to any existing state standards for grade 8.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PA038SGY8

DRAMA (GR K–5)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
K–5

COURSE CODE:
PA079SGY

DRAMA (GR 1)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PA071SGY1

DRAMA (GR 2)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PA072SGY2

FINE & PERFORMING ARTS

DRAMA (GR 3)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PA073SGY3

DRAMA (GR 4)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PA074SGY4

DRAMA (GR 5)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PA075SGY5

DRAMA (GR 6–8)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
6–8

COURSE CODE:
PA079SGYM

DRAMA (GR 6)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PA076SGY6

DRAMA (GR 7)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PA077SGY7

DRAMA (GR 8)

COURSE DESCRIPTION: The drama program is designed to educate, train and develop talented students in the performance skills of drama. The program combines theory, technique, classroom instructions, rehearsal, and performance.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PA078SGY8

MUSIC (GR K–8)

COURSE DESCRIPTION: Music courses enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and refining the ability to discern and critique. Specific course content conforms to any existing state standards for each grade level.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA139SGYA

FINE & PERFORMING ARTS

MUSIC (GR K)

COURSE DESCRIPTION: Music (kindergarten) courses provide developmentally appropriate activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Specific course content conforms to any existing state standards for kindergarten.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PA130SGY0

MUSIC (GR 1)

COURSE DESCRIPTION: Music (grade 1) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 1.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PA131SGY1

MUSIC (GR 2)

COURSE DESCRIPTION: Music (grade 2) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 2.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PA132SGY2

MUSIC (GR 3)

COURSE DESCRIPTION: Music (grade 3) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 3.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PA133SGY3

MUSIC (GR 4)

COURSE DESCRIPTION: Music (grade 4) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 4.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PA134SGY4

MUSIC (GR 5)

COURSE DESCRIPTION: Music (grade 5) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 5.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PA135SGY5

MUSIC (GR 6)

COURSE DESCRIPTION: Music (grade 6) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 6.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PA136SGY6

FINE & PERFORMING ARTS

MUSIC (GR 7)

COURSE DESCRIPTION: Music (grade 7) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 7.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PA137SGY7

MUSIC (GR 8)

COURSE DESCRIPTION: Music (grade 8) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 8.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PA138SGY8

ORCHESTRA I (GR K–8)

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA104AGYA

ORCHESTRA II (GR K–8)

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA104BGYA

ORCHESTRA III (GR K–8)

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA104CGYA

ORCHESTRA IV (GR K–8)

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA104DGYA

PERCUSSION (GR K–8)

COURSE DESCRIPTION: Drum rudiments, mallet techniques for keyboard instruments, tympani techniques, cymbal effects, and use of auxiliary percussion instruments are taught for a variety of percussion instruments from various cultures and ensembles.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA106PGYA

WORLD LANGUAGE & LITERATURE

AMERICAN SIGN LANGUAGE (GR K)

COURSE DESCRIPTION: In the kindergarten ASL curriculum, students focus on developing their receptive and expressive language skills. They begin by learning common greeting phrases seen at school used with their teacher and classmates. The class is divided into three units. In the introductory unit students learn how to fingerspell their names and classroom vocabulary. The second unit introduces students to numbers, colors, and food vocabulary. In the final unit, ASL vocabulary, non-manual markers and ASL grammar are taught and applied through students learning to communicate likes and dislikes.

COURSE LENGTH:

Year

GRADES:

K

COURSE CODE:

PL850SGY0

AMERICAN SIGN LANGUAGE (GR 1)

COURSE DESCRIPTION: In the first grade, students continue to develop their receptive and expressive language skills. In unit one, number and color vocabulary is expanded, and the full alphabet is introduced. Students also learn vocabulary related to nature, animals, and the environment. In the second unit, students' grammar expands by learning common words and phrases related to family, home, and emotions. Students learn time vocabulary, giving them the ability to answer who, what, and when questions. In the last unit, students are familiarized with classifiers by learning how to sign classroom items and their relative shape, size, and movement. Students learn basic ASL grammar structure and incorporate non-manual markers within their phrases to convey more information.

COURSE LENGTH:

Year

GRADES:

1

COURSE CODE:

PL850SGY1

AMERICAN SIGN LANGUAGE (GR 2)

COURSE DESCRIPTION: Foundational expressive and receptive skills in ASL in using their eyes and body for language is established in the second grade and moves beyond to understanding natural concepts. Unit one expands the number vocabulary and introduces basic arithmetic concepts and time vocabulary. They learn to incorporate numbers into signs, and learn time signs and where they are placed in an ASL statement. In unit two, students focus on fingerspelling; students begin to learn and use native fingerspelling techniques. Also, they are introduced to a new statement type, the WH-question. The third unit focuses on classifier rules and students learn to build it into their statements, further expanding their vocabulary used outside the classroom, such as additional words and phrases related to school and their community.

COURSE LENGTH:

Year

GRADES:

2

COURSE CODE:

PL850SGY2

AMERICAN SIGN LANGUAGE (GR 3)

COURSE DESCRIPTION: Third grade's focus is to build on concepts learned in second grade and expand further. Students expand on ASL words and phrases related to the students' world around them too. In unit one, students expand their understanding of classifiers by adding new, larger objects that are harder to manipulate. They also expand their number vocabulary; students learn counting and arithmetic with large numbers, and are introduced to money signs. In unit two, students continue to use WH-questions and personal pronouns, and learn how to use possessive pronouns. Students break away from traditional ASL statements and begin to use ASL within their 3D space and learn about Point of Reference. They also learn to use Passive Hand Reference. In unit three, students expand on school related words and phrases and learn school subjects' vocabulary. They are introduced to a new statement type, Yes-No questions, and are taught conjunctions and lexicalized fingerspelling. Students begin to learn the differences between English and ASL by translating simple phrases and sentences from English to ASL and vice versa.

COURSE LENGTH:

Year

GRADES:

3

COURSE CODE:

PL850SGY3

AMERICAN SIGN LANGUAGE (GR 4)

COURSE DESCRIPTION: In fourth grade, students pull together the concepts they have learned in previous grades and begin to develop ASL literacy skills. They develop receptive and expressive skills as they learn to express concepts in ASL, using their 3D space and classifier rules, and as they continue to develop their translation skills. Students are first introduced in unit one to non-, uni-, and multi-directional verbs, and to the concept of shared space interactions, expanding on their communication skills in ASL. Unit two focuses on expanding students' learning of number rules by learning the difference between cardinal and ordinal numbers. Students learn how to sign calendar years, and are introduced to a new statement type, the conditional clauses, to further expand their non-manual marker use and to express cause and effect. In the last unit, students learn how to fingerspell the names of states in the United States. Students are also introduced to ASL storytelling, narratives, literature, and to ASL sentence structure.

COURSE LENGTH:

Year

GRADES:

4

COURSE CODE:

PL850SGY4

WORLD LANGUAGE & LITERATURE

AMERICAN SIGN LANGUAGE (GR 5)

COURSE DESCRIPTION: Foundational ASL skills are established in the fifth grade and the focus shifts to the expansion of students' skills in the areas of vocabulary, grammar, and the practical application of the language. The focus of fifth grade is on improving students' receptive and expressive skills in ASL. In the introductory unit, students expand their number knowledge and learn large numbers, fractions, and decimals. They go a step further and problem solve using the ASL numbers system. Also, they continue to expand their use of Point of Reference by showing relationships between nouns. In the second unit, students' vocabulary expands to include how to sign religion names and vocabulary found in daily routines while they explore ASL storytelling and narratives. To develop ASL comprehension skills, students learn idiomatic expressions found in the Deaf community. The third unit focuses on rules of fingerspelling, the rule of assimilation and double letters; and to expand on their language use, they are taught the four different types of plurality found in ASL. They also expand their non-manual marker use by learning about incorporated adverbs.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PL850SGY5

AMERICAN SIGN LANGUAGE (GR 6)

COURSE DESCRIPTION: In the sixth grade ASL curriculum, the focus is on utilizing 3D space to describe events. Students expand their signing within 3D space by learning to describe large areas in unit one. They expand their receptive skills by understanding Point of View in spaces around them relative to their locations, and are introduced to rhetorical questions to expand on their sentence structure skills. In the second unit, to sign stories and narratives, students learn to use the space around them to show the location of characters and objects, role shifting between characters, repetition, and rhythm. The focus of this unit is on expanding students' vocabulary of words and phrases through ASL storytelling. The third unit focuses on how to structure a narrative/argument in ASL using the diamond feature of discourse. Students learn about ASL variations and dialects found in the United States, as well as more idiomatic signs found in the Deaf communities. Students are introduced to the grammatical feature called temporal aspects and learn how verbs are inflected with specific handshapes and movements to indicate what type of action is taking place.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PL850SGY6

AMERICAN SIGN LANGUAGE (GR 7)

COURSE DESCRIPTION: ASL storytelling employs various literary devices and elements not found in spoken literature, and in the seventh grade, students learn to employ features unique to ASL. The focus of the seventh grade ASL curriculum is to expand students' learning of words, phrases, and sentence structure, and to further develop their language, literacy, and biliteracy skills through ASL storytelling and narrative. In the first unit, students are introduced to new verb concepts called reciprocal and geographical verbs, and learn to use more of their facial expressions and non-manual markers to represent levels of intensity in order to be able to enhance their narrative and communication skills. In unit two, students learn to use classifiers, markers, and palm orientation to visually describe their home, and they are introduced to the fingerspelling rules of vowel and consonant clusters. In unit three, students learn how to incorporate time into verbs to indicate the frequency and length of time that an action occurs. They also learn the rules of signing an address, including fingerspelling and number rules, and how to give walking/driving directions in ASL.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PL850SGY7

AMERICAN SIGN LANGUAGE (GR 8)

COURSE DESCRIPTION: With the focus of the eighth grade ASL curriculum being on the expansion of students' proficiency in ASL, students use vocabulary, grammar, and sentence structures to present information and to engage storytelling and narrative in ASL. In the first unit, students learn a lot of vocabulary. Students learn new types of verbs called body anchor verbs and geographical verbs; they also learn to express complaints and ailments. They learn the rules of descriptor classifiers allowing students to convey physical characteristics of objects, people, and animals. The second unit is focused on presentational skills in ASL with an added layer of teaching them to present and lay out data within their 3D space in ASL. In the same unit, they are introduced to concept words in ASL where one word may have many different signs depending on the meaning behind the word. Students also learn about negations in ASL to indicate something is not true or doesn't exist. In the last unit, students will have a strong foundation in ASL vocabulary and several different areas of ASL are pulled together, such as classifiers, non-manual marker rules, indexing in space, showing actions/verbs, and dialogues for students to learn how to sequence a narrative within 3D space.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PL850SGY8

WORLD LANGUAGE & LITERATURE

ARABIC (GR K)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PL750SGY0

ARABIC (GR 1)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PL750SGY1

ARABIC (GR 2)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PL750SGY2

ARABIC (GR 3)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PL750SGY3

ARABIC (GR 4)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PL750SGY4

ARABIC (GR 5)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PL750SGY5

ARABIC MS A

COURSE DESCRIPTION: This course is recommended for students taking the first Arabic course in the middle school series. This standard-based, proficiency-oriented language course focuses on engaging learners grades 6-8 into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop the three modes of communication and interculturality.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PL750SGY6

WORLD LANGUAGE & LITERATURE

ARABIC MS B

COURSE DESCRIPTION: This course is recommended for students taking the second Arabic course in the middle school series. This standard-based, proficiency-oriented language course focuses on engaging learners grades 6-8 into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop the three modes of communication and interculturality.

COURSE LENGTH:

Year

GRADES:

7

COURSE CODE:

PL750SGY7

ARABIC MS C

COURSE DESCRIPTION: This course is recommended for students taking the third Arabic course in the middle school series. This standard-based, proficiency-oriented language course focuses on engaging learners grades 6-8 into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop the three modes of communication and interculturality.

COURSE LENGTH:

Year

GRADES:

8

COURSE CODE:

PL750SGY8

CHINESE (GR K)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

K

COURSE CODE:

PL400SGY0

CHINESE (GR 1)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

1

COURSE CODE:

PL400SGY1

CHINESE (GR 2)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

2

COURSE CODE:

PL400SGY2

CHINESE (GR 3)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

3

COURSE CODE:

PL400SGY3

WORLD LANGUAGE & LITERATURE

CHINESE (GR 4)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PL400SGY4

CHINESE (GR 5)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PL400SGY5

CHINESE (GR 6)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PL400SGY6

CHINESE (GR 7)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PL400SGY7

CHINESE (GR 8)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PL400SGY8

FRENCH (GR K)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PL100SGY0

FRENCH (GR 1)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PL100SGY1

WORLD LANGUAGE & LITERATURE

FRENCH (GR 2)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

2

COURSE CODE:

PL100SGY2

FRENCH (GR 3)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

3

COURSE CODE:

PL100SGY3

FRENCH (GR 4)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

4

COURSE CODE:

PL100SGY4

FRENCH (GR 5)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

5

COURSE CODE:

PL100SGY5

FRENCH (GR 6)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

6

COURSE CODE:

PL100SGY6

FRENCH (GR 7)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

7

COURSE CODE:

PL100SGY7

FRENCH (GR 8)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:

Year

GRADES:

8

COURSE CODE:

PL100SGY8

WORLD LANGUAGE & LITERATURE

JAPANESE (GR K)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PL450SGY0

JAPANESE (GR 1)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PL450SGY1

JAPANESE (GR 2)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PL450SGY2

JAPANESE (GR 3)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PL450SGY3

JAPANESE (GR 4)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PL450SGY4

JAPANESE (GR 5)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PL450SGY5

JAPANESE (GR 6)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PL450SGY6

WORLD LANGUAGE & LITERATURE

JAPANESE (GR 7)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PL450SGY7

JAPANESE (GR 8)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PL450SGY8

SPANISH (GR K)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PL050SGY0

SPANISH (GR 1)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PL050SGY1

SPANISH (GR 2)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PL050SGY2

SPANISH (GR 3)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PL050SGY3

SPANISH (GR 4)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PL050SGY4

WORLD LANGUAGE & LITERATURE

SPANISH (GR 5)

COURSE DESCRIPTION: This standard-based, proficiency-oriented language course focuses on engaging young learners into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop interpretive listening and speaking skills.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PL050SGY5

SPANISH MS A

COURSE DESCRIPTION: This course is recommended for students taking the first Spanish course in the middle school series. Spanish Grades 6–8 are language courses in which comprehensible input in Spanish is integrated into the classroom routine and classroom activities. Language instruction is grade appropriate with deliberate attention on progression in proficiency and competency. Students acquire and progress in reading, writing, speaking, and listening skills in Spanish.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PL050SGY6

SPANISH MS B

COURSE DESCRIPTION: This course is recommended for students taking the second Spanish course in the middle school series. Spanish Grades 6–8 are language courses in which comprehensible input in Spanish is integrated into the classroom routine and classroom activities. Language instruction is grade appropriate with deliberate attention on progression in proficiency and competency. Students acquire and progress in reading, writing, speaking, and listening skills in Spanish.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PL050SGY7

SPANISH MS C

COURSE DESCRIPTION: This course is recommended for students taking the third Spanish course in the middle school series. This standard-based, proficiency-oriented language course focuses on engaging learners grades 6–8 into learning languages in an inviting, rich-language environment. Learners acquire the target language and progress to higher levels of language proficiency, based on the frequency of exposure to the language. Compelling, age-appropriate, and authentic comprehensible input in the target language is provided to develop the three modes of communication and interculturality.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PL050SGY8

PHYSICAL EDUCATION & HEALTH EDUCATION

HEALTH EDUCATION (GR 8)

COURSE DESCRIPTION: Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health, drug/alcohol abuse prevention, disease prevention, social/emotional health, physical health, body systems, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources. This course may cover sex education beginning in second grade.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PP051SGYA

PHYSICAL EDUCATION (GR K–8)

COURSE DESCRIPTION: Physical Education—General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., “by third grade, students should know and be able to do...”). These courses provide broad content that is not organized as described elsewhere (i.e., Physical Education, early childhood education through grade 8).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PP039SGYA

PHYSICAL EDUCATION & HEALTH EDUCATION

PHYSICAL EDUCATION (GR K)

COURSE DESCRIPTION: Physical Education (kindergarten) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for kindergarten.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PP030SGY0

PHYSICAL EDUCATION (GR 1)

COURSE DESCRIPTION: Physical Education (grade 1) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for first grade.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PP031SGY1

PHYSICAL EDUCATION (GR 2)

COURSE DESCRIPTION: Physical Education (grade 2) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for second grade.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PP032SGY2

PHYSICAL EDUCATION (GR 3)

COURSE DESCRIPTION: Physical Education (grade 3) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for third grade.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PP033SGY3

PHYSICAL EDUCATION (GR 4)

COURSE DESCRIPTION: Physical Education (grade 4) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for fourth grade.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PP034SGY4

PHYSICAL EDUCATION (GR 5)

COURSE DESCRIPTION: Physical Education (grade 5) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for fifth grade.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PP035SGY5

PHYSICAL EDUCATION (GR 6)

COURSE DESCRIPTION: Physical Education (grade 6) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for sixth grade.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PP036SGY6

PHYSICAL EDUCATION (GR 7)

COURSE DESCRIPTION: Physical Education (grade 7) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for seventh grade.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PP037SGY7

PHYSICAL EDUCATION & HEALTH EDUCATION

PHYSICAL EDUCATION (GR 8)

COURSE DESCRIPTION: Physical Education (grade 8) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon Michigan State Standards and Common Core for eighth grade.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PP038SGY8

COMMUNICATIONS & AUDIO/VISUAL TECHNOLOGY

JOURNALISM (GR K–8)

COURSE DESCRIPTION: The Journalism (Gr K-8) course engages students in writing practice with planning, revising, editing and publishing. Course curriculum is aligned to the Michigan Standards for Writing (CCSS). Research projects are conducted during this course where students gather details, assess the credibility and accuracy of sources and follow a standard format for citation. Students also learn to use precise language and domain-specific vocabulary to inform or explain various topics.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PK101SGYA

ENGLISH LANGUAGE & LITERATURE

LANGUAGE ARTS (GR K–8)

COURSE DESCRIPTION: The English Language Arts (Gr K–8) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the K–8 Michigan Standards for English Language Arts (CCSS). These courses focus specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle. Students analyze key details and cite textual evidence in various texts and excerpts.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PE037SGYA

LANGUAGE ARTS (GR K)

COURSE DESCRIPTION: The English Language Arts (kindergarten) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Kindergarten Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PE028SGY0

LANGUAGE ARTS (GR 1)

COURSE DESCRIPTION: The English Language Arts (Grade 1) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Grade 1 Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PE029SGY1

ENGLISH LANGUAGE & LITERATURE

LANGUAGE ARTS (GR 2)

COURSE DESCRIPTION: The English Language Arts (Grade 2) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Grade 2 Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PE030SGY2

LANGUAGE ARTS (GR 3)

COURSE DESCRIPTION: The English Language Arts (grade 3) course engages students in activities to develop their skills in reading, writing, speaking, and listening. The course curriculum aligns to the Michigan Third Grade Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PE031SGY3

LANGUAGE ARTS (GR 4)

COURSE DESCRIPTION: The English Language Arts (Grade 4) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Grade 1 Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PE032SGY4

LANGUAGE ARTS (GR 5)

COURSE DESCRIPTION: The English Language Arts (Grade 5) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Grade 1 Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PE033SGY5

LANGUAGE ARTS (GR 6)

COURSE DESCRIPTION: The English Language Arts (Grade 6) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Grade 1 Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PE034SGY6

LANGUAGE ARTS (GR 6), DP

COURSE DESCRIPTION: The English Language Arts (grade 6) course engages students in activities to develop their skills in reading, writing, speaking, and listening. The course curriculum aligns to the Michigan Sixth Grade Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through close reading of informational texts, authentic literary novels with complex texts based on compelling topics related to science, social studies and literacy while growing literacy skills by engaging in a continuous read, think, talk, write cycle. Also, students work in small groups to build proficiency in using textual evidence to support their research and writing skills using figurative language, vocabulary, grammar, usage and mechanics.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PE0342GY6

ENGLISH LANGUAGE & LITERATURE

LANGUAGE ARTS (GR 6), DP, HONORS

COURSE DESCRIPTION: In addition to the Language Arts Grade 6 course, students will be required to explore a more intense and rigorous study of reading, writing, speaking, viewing, and listening. Students may engage in deeper novel studies on an accelerated path and experience the traditional sixth grade course through additional literary analysis and heightened performance tasks.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PE034DHY6

LANGUAGE ARTS (GR 7)

COURSE DESCRIPTION: The English Language Arts (grade 7) course engages students in activities to develop their skills in reading, writing, speaking, and listening. The course curriculum aligns to the Michigan Seventh Grade Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the close reading of informational texts, authentic literary novels with complex texts based on compelling topics related to science, social studies, and literacy, while building literacy skills by engaging in a continuous read, think, talk, write cycle. Also, students build proficiency in using textual evidence to support ideas in writing short responses and extended essays.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PE035SGY7

LANGUAGE ARTS (GR 7), DP

COURSE DESCRIPTION: The English Language Arts (grade 7) course engages students in activities to develop their skills in reading, writing, speaking, and listening. The course curriculum aligns to the Michigan Seventh Grade Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the close reading of informational texts, authentic literary novels with complex texts based on compelling topics related to science, social studies, and literacy, while building literacy skills by engaging in a continuous read, think, talk, write cycle. Also, students build proficiency in using textual evidence to support ideas in writing short responses and extended essays.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PE0352GY7

LANGUAGE ARTS (GR 7), DP, HONORS

COURSE DESCRIPTION: In addition to the Language Arts Grade 7 course, students will be required to explore a more intense and rigorous study of reading, writing, speaking, viewing, and listening. Students may engage in deeper novel studies on an accelerated path and experience the traditional seventh grade course through additional literary analysis and heightened performance tasks.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PE035DHY7

LANGUAGE ARTS (GR 8)

COURSE DESCRIPTION: The English Language Arts (grade 8) course engages students in activities to develop their skills in reading, writing, speaking, and listening. The course curriculum is aligned to the Michigan Eighth Grade Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through close reading and analyzing informational texts and authentic literary novels with complex texts based on universal themes and various cultures related to science, social studies, and literacy, while building literacy skills and engaging in a continuous read, think, talk, write cycle. Also, students will build proficiency in using textual evidence to develop their argumentative writing skills through scaffolded writing lessons.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PE036SGY8

LANGUAGE ARTS (GR 8), DP

COURSE DESCRIPTION: The English Language Arts (grade 8) course engages students in activities to develop their skills in reading, writing, speaking, and listening. The course curriculum is aligned to the Michigan Eighth Grade Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through close reading and analyzing informational texts and authentic literary novels with complex texts based on universal themes and various cultures related to science, social studies, and literacy, while building literacy skills and engaging in a continuous read, think, talk, write cycle. Also, students will build proficiency in using textual evidence to develop their argumentative writing skills through scaffolded writing lessons.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PE0362GY8

ENGLISH LANGUAGE & LITERATURE

LANGUAGE ARTS (GR 8), DP, HONORS

COURSE DESCRIPTION: In addition to the Language Arts Grade 8 course, students will be required to explore a more intense and rigorous study of reading, writing, speaking, viewing, and listening. Students may engage in deeper novel studies on an accelerated path and experience the traditional eighth grade course through additional literary analysis and heightened performance tasks.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PE036DHY8

LANGUAGE ARTS (GR 8), ACCEL. (ELA GR 9)

COURSE DESCRIPTION: This course is designed to challenge Bates Academy advanced 8th grade students in ELA. These students will engage with the 9th grade ELA curriculum, MyPerspectives. Students who successfully pass this course, will advance to 10th grade Language Arts upon entering high school.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PE036SCS8[1,2]

LANGUAGE INTERVENTION (GR 3)

COURSE DESCRIPTION: The Additional Language and Literacy Block/Intervention course engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PE068IGY3

LANGUAGE INTERVENTION (GR 4)

COURSE DESCRIPTION: The Additional Language and Literacy Block/Intervention course engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PE068IGY4

LANGUAGE INTERVENTION (GR 5)

COURSE DESCRIPTION: The Additional Language and Literacy Block/Intervention course engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PE068IGY5

READING FOUNDATIONAL SKILLS (GR K)

COURSE DESCRIPTION: The Reading Foundational Skills (Gr K) course engages students in activities to develop their skills in phonics, print concepts, phonological awareness, word recognition, and fluency. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on understanding spoken words, syllables, and phonemes (sounds) to develop and apply phonics and word analysis skills in decoding through small group teacher-led intervention.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PE040FGY0

ENGLISH LANGUAGE & LITERATURE

READING FOUNDATIONAL SKILLS (GR 1)

COURSE DESCRIPTION: The Reading Foundational Skills (Gr 1) course engages students in activities to develop their skills in phonics, print concepts, phonological awareness, word recognition, and fluency. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on understanding spoken words, syllables, and phonemes (sounds) to develop and apply phonics and word analysis skills in decoding through small group teacher-led intervention.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PE041FGY1

READING FOUNDATIONAL SKILLS (GR 2)

COURSE DESCRIPTION: The Reading Foundational Skills (Gr 2) course engages students in activities to develop their skills in phonics, print concepts, phonological awareness, word recognition, and fluency. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on understanding spoken words, syllables, and phonemes (sounds) to develop and apply phonics and word analysis skills in decoding through small group teacher-led intervention.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PE042FGY2

OG TIER 3 LITERACY INTERVENTION (GR K–8)

COURSE DESCRIPTION: The Orton-Gillingham Tier III Literacy Intervention course (K–8) utilizes a research-based multisensory approach to engage students in activities to develop and strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. The course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing small-group intervention led by Academic Interventionists and/or Paraeducators. Students also have access to MaxScholar, an online tool to support differentiation of instruction.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PE067SGYA

MATHEMATICS

ALGEBRA I (GR 8)

COURSE DESCRIPTION: In Algebra I, students learn representations of functions using graphs, tables, equations, and contexts. The course focuses on solving equations and inequalities using a variety of strategies. Students solve systems of two equations and inequalities with two variables using a variety of strategies. Students analyze representations of arithmetic and geometric sequences, use exponential models to solve problems, and investigate a variety of functions including square root, cube root, absolute value, piecewise-defined, step, and simple inverse functions. The course also includes study of statistical analysis of two-variable data and distributions of one-variable data.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PM052SGY8

MATHEMATICS (GR K)

COURSE DESCRIPTION: In kindergarten mathematics, students are representing, relating, and operating on whole numbers, initially with sets of objects; and describing shapes and space. More learning time in kindergarten should be devoted to numbers than to other topics.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PM030SGY0

MATHEMATICS (GR 1)

COURSE DESCRIPTION: In grade 1 mathematics, students are developing understanding of addition, subtraction, and strategies for addition and subtraction within 20, developing understanding of whole number relationships and place value, including grouping in tens and ones, developing understanding of linear measurement and measuring lengths as iterating length units, and reasoning about attributes of, and composing and decomposing geometric shapes.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PM031SGY1

MATHEMATICS

MATHEMATICS (GR 2)

COURSE DESCRIPTION: In grade 2 mathematics, students are extending understanding of base-ten notation, building fluency with addition and subtraction, using standard units of measure, and describing and analyzing shapes. Key areas of focus are addition and subtraction—concepts, skills, and problem solving.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PM032SGY2

MATHEMATICS (GR 3)

COURSE DESCRIPTION: In this course, students will develop understanding of strategies for multiplication and division within 100, develop understanding of fractions, especially unit fractions, develop understanding of the structure of rectangular arrays and of area, and describe and analyze two-dimensional shapes.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PM033SGY3

MATHEMATICS (GR 3), HONORS

COURSE DESCRIPTION: For this course, programmed for schools designated as District-approved Accelerated Mathematics Program (AMP) sites, students will be immersed in the major work of grades 3 and 4, compressed into one year of learning which develops understanding of strategies for multiplication and division within 100, as well as multi-digit multiplication. The course also covers dividing to find quotients involving multi-digit dividends, developing an understanding of fractions, especially unit fractions, and fraction equivalence, addition and subtraction of fractions with like denominators and multiplication of fractions by whole numbers; understanding of the structure of rectangular arrays and of area and two-dimensional geometric shapes that can be classified based on their properties.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PM033SHY3

MATHEMATICS (GR 4)

COURSE DESCRIPTION: In this course, students will develop understanding and fluency with multi-digit multiplication, and develop understanding of dividing to find quotients involving multi-digit dividends. This course also develops understanding of fraction equivalence, addition and subtraction of fractions with like denominators and multiplication of fractions by whole numbers. Students will develop understanding that geometric figures can be analyzed and classified based on their properties.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PM034SGY4

MATHEMATICS (GR 4), HONORS

COURSE DESCRIPTION: For this course, programmed for schools designated as District-approved Accelerated Mathematics Program (AMP) sites, students will be immersed in the major work of grade 5 and 6, compressed into one year of learning which looks to develop understanding and fluency with adding and subtracting fractions and division of unit fractions and whole numbers. Students will extend division to two-digit divisors and develop understanding of operations with decimals. This course also develops fluency with whole number and decimal operations as well as understanding of volume. Students dive into 6th grade content that connects ratio and rates to whole number multiplication and division and using concepts of ratio and rate to solve problems, completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers, writing, interpreting, and using expressions and equations, and developing understanding of statistical thinking.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PM034SHY4

MATHEMATICS (GR 5)

COURSE DESCRIPTION: This course develops fluency with addition and subtraction of fractions and develops understanding of multiplication of fractions and division of unit fractions and whole numbers. Students will extend division to two-digit divisors and develop understanding of operations with decimals. This course also develops fluency with whole number and decimal operations and develops understanding of volume.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PM035SGY5

MATHEMATICS

MATHEMATICS (GR 5), HONORS

COURSE DESCRIPTION: For this course, programmed for schools designated as District-approved Accelerated Mathematics Program (AMP) sites, students will be immersed in strengthening understanding of, and work in fractions from grade 5 plus continued work in the major work of grade 6, compressed into one year of learning which looks to continue development in connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems, completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers, writing, interpreting, and using expressions and equations, and developing understanding of statistical thinking.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PM035SHY5

MATHEMATICS (GR 6), DP

COURSE DESCRIPTION: In this course, students are connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems, completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers, writing, interpreting, and using expressions and equations, and developing understanding of statistical thinking.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PM0362GY6

MATHEMATICS (GR 6), DP, HONORS

COURSE DESCRIPTION: For this course, programmed for schools designated as District-approved Accelerated Mathematics Program (AMP) sites, students will be immersed predominantly in the major work of grade 7, with additional reinforcement of relevant grade 6 content. Grade 7 content will focus on developing understanding of and applying proportional relationships, developing understanding of operations with rational numbers and working with expressions and linear equations, solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume, and drawing inferences about populations based on samples.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PM036DHY6

MATHEMATICS (GR 7), DP

COURSE DESCRIPTION: In this course, students will be developing understanding of and applying proportional relationships, developing understanding of operations with rational numbers and working with expressions and linear equations, solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume, and drawing inferences about populations based on samples.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PM0372GY7

MATHEMATICS (GR 7), DP, HONORS

COURSE DESCRIPTION: In this course, students will advance to grade 8 math content that deepens understanding of formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations, grasping the concept of a function and using functions to describe quantitative relationships, analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean theorem.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PM037DHY7

MATHEMATICS (GR 8), DP

COURSE DESCRIPTION: In this course, students will be formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations, grasping the concept of a function and using functions to describe quantitative relationships, analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean theorem.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PM0382GY8

MATHEMATICS

MATHEMATICS (GR 8), DP, HONORS

COURSE DESCRIPTION: In this course, students will be formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations, grasping the concept of a function and using functions to describe quantitative relationships, analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean theorem. The course may advance at an accelerated pace.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PM038DHY8

MATHEMATICS INTERVENTION, SGI (GR K)

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for kindergarten, the Mathematics (Gr. K) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' knowledge and skills in representing, visualizing, relating, and operating on the set of whole numbers, initially with sets of objects and describing shapes and space, as well as and applying this knowledge in real-world contexts.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PM996IGY0

MATHEMATICS INTERVENTION, SGI (GR 1)

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for grade 1, the Mathematics (Gr. 1) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' knowledge and skills in understanding addition, subtraction, and strategies for addition and subtraction within 20, developing understanding of whole number relationships and place value, developing understanding of linear measurement and measuring lengths as iterating length units, and reasoning about attributes of, and composing and decomposing geometric shapes.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PM996IGY1

MATHEMATICS INTERVENTION, SGI (GR 2)

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for grade 2, the Mathematics (Gr. 2) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' knowledge and skills in extending understanding of base-ten notation, building fluency with addition and subtraction, using standard units of measure, and describing and analyzing shapes.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PM996IGY2

MATHEMATICS INTERVENTION, SGI (GR 3)

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for grade 3, the Mathematics (Gr. 3) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' knowledge and skills in developing understanding of strategies for performing multiplication and division within 100, understanding of fractions, especially unit fractions, understanding of the structure of rectangular arrays and of area, and describing and analyzing two-dimensional shapes.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PM996IGY3

MATHEMATICS INTERVENTION, SGI (GR 3), HONORS

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for grade 3, the Mathematics (Gr. 3) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' knowledge and skills in developing understanding of strategies for performing multiplication and division within 100, understanding of fractions, especially unit fractions, understanding of the structure of rectangular arrays and of area, and describing and analyzing two-dimensional shapes.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PM996SHY3

MATHEMATICS

MATHEMATICS INTERVENTION, SGI (GR 4)

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for grade 4, the Mathematics (Gr. 4) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' understanding and fluency with multi-digit multiplication and understanding of dividing to find quotients involving multi-digit dividends. This course develops understanding of fraction equivalence, addition and subtraction of fractions with like denominators and multiplication of fractions by whole numbers. Students will deepen their understanding that geometric figures can be analyzed and classified based on their properties.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PM996IGY4

MATHEMATICS INTERVENTION, SGI (GR 4), HONORS

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for grade 4, the Mathematics (Gr. 4) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' understanding and fluency with multi-digit multiplication and understanding of dividing to find quotients involving multi-digit dividends. This course develops understanding of fraction equivalence, addition and subtraction of fractions with like denominators and multiplication of fractions by whole numbers. Students will deepen their understanding that geometric figures can be analyzed and classified based on their properties.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PM996SHY4

MATHEMATICS INTERVENTION, SGI (GR 5)

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for grade 5, the Mathematics (Gr. 5) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' fluency with addition and subtraction of fractions and develops understanding of multiplication of fractions and division of unit fractions and whole numbers. Students will extend division to two-digit divisors and develop understanding of operations with decimals. This course will reinforce, deepen, and support student fluency with whole number and decimal operations and understanding of volume.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PM996IGY5

MATHEMATICS INTERVENTION, SGI (GR 5), HONORS

COURSE DESCRIPTION: Consistent with the Common Core State Standards for Mathematics (CCSSM) for grade 5, the Mathematics (Gr. 5) SGI Block Intervention course engages students in small group instruction and intervention activities to strengthen and enhance students' fluency with addition and subtraction of fractions and develops understanding of multiplication of fractions and division of unit fractions and whole numbers. Students will extend division to two-digit divisors and develop understanding of operations with decimals. This course will reinforce, deepen, and support student fluency with whole number and decimal operations and understanding of volume.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PM996SHY5

TIER 3 MATHEMATICS INTERVENTION (GR K–8)

COURSE DESCRIPTION: Designed to be scheduled as a math pull out course for students who receive Academic Interventionist support. This course provides additional intervention to targeted students to further develop and strengthen their foundational procedural, skill and fluency, and prerequisite conceptual knowledge of mathematics content aligned to the major work standards of the Michigan Standards for Mathematics (CCSSM) in grades K-8. Students enrolled within this course will be provided small group instruction and intervention to address unfinished learning needs for any grade level standards related to Operations and Algebraic Thinking (OA), and Number and Base Ten Operations (NBT) led by Academic Interventionists, Paraeducators and/or additional instructional support staff.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PM996SHY5

NON-SPECIFIC SUBJECT

DAPCEP (GR 5–8)

COURSE DESCRIPTION: Connect students to science, technology, engineering, and math (STEM) educational experiences through projects and competition.

COURSE LENGTH:
Year

GRADES:
5–8

COURSE CODE:
PT999SGY1

HOMEROOM (GR K–8)

COURSE DESCRIPTION: The Homeroom course (grade K-8) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, plans for how to achieve them, and other skills needed to succeed in middle school and beyond. There is no numerical or letter grade for this course and it does not require work outside of the classroom.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PJ012HGYA

HOMEROOM (GR K)

COURSE DESCRIPTION: The Homeroom course (grade K) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, plans for how to achieve them, and other skills needed to succeed in middle school and beyond. There is no numerical or letter grade for this course and it does not require work outside of the classroom.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PJ003HGY0

HOMEROOM (GR 1)

COURSE DESCRIPTION: The Homeroom (Gr 1) course is an opportunity for teachers to welcome students, take attendance, and cultivate relationships that support students socially, emotionally, and academically. The structure and routines of this course include relationship building, academic progress monitoring, and character development. Grade 1 Homeroom allows students to build positive connections with their peers and with their teacher through collaborative conversations and activities.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PJ004HGY1

HOMEROOM (GR 2)

COURSE DESCRIPTION: The Homeroom (Gr 2) course is an opportunity for teachers to welcome students, take attendance, and cultivate relationships that support students socially, emotionally, and academically. The structure and routines of this course include relationship building, academic progress monitoring, and character development. Grade 2 Homeroom allows students to build positive connections with their peers and with their teacher through collaborative conversations and activities.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PJ005HGY2

HOMEROOM (GR 3)

COURSE DESCRIPTION: The Homeroom course (grade 3) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, and plans for how to achieve them.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PJ006HGY3

HOMEROOM (GR 4)

COURSE DESCRIPTION: The Homeroom course (grade 4) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, and plans for how to achieve them.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PJ007HGY4

NON-SPECIFIC SUBJECT

HOMEROOM (GR 5)

COURSE DESCRIPTION: The Homeroom course (grade 5) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, and plans for how to achieve them.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PJ008HGY5

HOMEROOM (GR 6)

COURSE DESCRIPTION: The Homeroom course (grade 6) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, plans for how to achieve them, and other skills needed to succeed in middle school and beyond. There is no numerical or letter grade for this course and it does not require work outside of the classroom.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PJ009HGY6

HOMEROOM (GR 7)

COURSE DESCRIPTION: The Homeroom course (grade 7) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, plans for how to achieve them, and other skills needed to succeed in middle school and beyond. There is no numerical or letter grade for this course and it does not require work outside of the classroom.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PJ010HGY7

HOMEROOM (GR 8)

COURSE DESCRIPTION: The Homeroom course (grade 8) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, plans for how to achieve them, and other skills needed to succeed in middle school and beyond. There is no numerical or letter grade for this course and it does not require work outside of the classroom.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PJ011HGY8

PROJECT-BASED LEARNING (GR 6)

COURSE DESCRIPTION: The Project-Based Learning (Gr 6) course starts with students engaging with a guiding question that lends itself to collaborative research and tasks that develop their skills in reading, writing, speaking, and listening. The course curriculum aligns to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through project-based learning leveraging complex texts based on compelling topics related to science, social studies, and literacy. Students use their research and knowledge on the topic to complete a culminating task to be presented to their peers, family, and community.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PJ009PGY6

PROJECT-BASED LEARNING (GR 7)

COURSE DESCRIPTION: The Project-Based Learning (Gr 7) course starts with students engaging with a guiding question that lends itself to collaborative research and tasks that develop their skills in reading, writing, speaking, and listening. The course curriculum aligns to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through project-based learning leveraging complex texts based on compelling topics related to science, social studies, and literacy. Students use their research and knowledge on the topic to complete a culminating task to be presented to their peers, family, and community.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PJ010PGY7

NON-SPECIFIC SUBJECT

PROJECT-BASED LEARNING (GR 8)

COURSE DESCRIPTION: The Project-Based Learning (Gr 8) course starts with students engaging with a guiding question that lends itself to collaborative research and tasks that develop their skills in reading, writing, speaking, and listening. The course curriculum aligns to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through project-based learning through complex texts based on compelling topics related to science, social studies, and literacy. Students use their research and knowledge on the topic to complete a culminating task to be presented to their peers, family, and community.

COURSE LENGTH:

Year

GRADES:

8

COURSE CODE:

PJ011PGY8

LIFE & PHYSICAL SCIENCES

SCIENCE (GR K)

COURSE DESCRIPTION: A year-long science course in kindergarten allows students begin to explore science content through their natural curiosity and eagerness to learn. Students will utilize their five senses to gain information about the world around them, recognizing patterns and formulating answers to questions about real-world phenomena. Science and Engineering Practices are utilized throughout four major units of study to develop an understanding of disciplinary core ideas: Forces and Interactions; Interdependent Relationships in Ecosystems; Weather and Climate; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:

Year

GRADES:

K

COURSE CODE:

PS230SGY0

SCIENCE (GR 1)

COURSE DESCRIPTION: A year-long science course in first grade allows students to continue exploring science content through their natural curiosity and eagerness to learn. This inquisitiveness leads to students asking a variety of questions that deepen their understanding of the world around them, recognizing patterns and formulating answers to questions about real-world phenomena. Students will use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Light and Sound; Structure and Function; Space Systems; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:

Year

GRADES:

1

COURSE CODE:

PS231SGY1

SCIENCE (GR 2)

COURSE DESCRIPTION: A year-long science course in second grade allows students to begin to apply prior knowledge and skills to expand their comprehension of the natural world around them. Students continue recognizing patterns and formulating answers to questions about real-world phenomena. Students use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Structure and Properties of Matter; Interdependent Relationships in Ecosystems; Earth's Systems; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:

Year

GRADES:

2

COURSE CODE:

PS232SGY2

SCIENCE (GR 3)

COURSE DESCRIPTION: A year-long science course in third grade allows students to become increasingly aware of the patterns and processes of the natural world around them. As students continue recognizing these patterns and formulating answers to questions about real-world phenomena, they begin to communicate this information in a more sophisticated manner. Students use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Forces and Interactions; Interdependent Relationships in Ecosystems; Inheritance and Variation of Traits; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:

Year

GRADES:

3

COURSE CODE:

PS233SGY3

LIFE & PHYSICAL SCIENCES

SCIENCE (GR 4)

COURSE DESCRIPTION: A year-long science course in fourth grade requires students to become increasingly more aware of scientifically accurate components involved in the processes of the natural world around them. As students continue recognizing these patterns and formulating answers to questions about real-world phenomena, they begin to realize the importance of identifying evidence when communicating explanations and constructing models. Students use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Energy; Structure and Function; Earth's System; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PS234SGY4

SCIENCE (GR 5)

COURSE DESCRIPTION: A year-long science course in fifth grade requires students to utilize skills that they have developed to conduct more refined measurements of data and communicate scientific explanations with evidence about the natural world around them. As students continue identifying patterns and formulating answers to questions about real-world phenomena, they can revise explanations and model based new information. Students use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Structure and Properties of Matter; Earth's Systems; Space Systems; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PS235SGY5

SCIENCE (GR 6)

COURSE DESCRIPTION: A year-long science course in sixth grade requires students to become more responsible learners and utilize skills that they have developed to define problems more precisely, conduct more refined measurements of data, and analyze that data to optimize the final solution for a problem based on real-world phenomena. Students use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Structure and Properties of Matter; Chemical Reactions; Interdependent Relationships in Ecosystems; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PS236SGY6

SCIENCE (GR 7)

COURSE DESCRIPTION: A year-long science course in seventh grade requires students to become more responsible learners and utilize skills that they have developed to define problems more precisely, conduct more refined measurements of data, and analyze that data to optimize the final solution for a problem based on real-world phenomena. Students use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Forces and Interactions; Weather and Climate; Chemical Reactions; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PS237SGY7

SCIENCE (GR 8)

COURSE DESCRIPTION: A year-long science course in eighth grade requires students to become more responsible learners and utilize skills that they have developed to define problems more precisely, conduct more refined measurements of data, and analyze that data to optimize the final solution for a problem based on real-world phenomena. Students use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Forces and Interactions; Weather and Climate; Chemical Reactions; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PS238SGY8

LIFE & PHYSICAL SCIENCES

SCIENCE RESEARCH AND DESIGN - STEM LAB

COURSE DESCRIPTION: Using inquiry, reflection, and social implications of essential and core standards, students develop inquiry, exploration, reflection, social implications and develop basic research techniques. This course is designed for students with an interest in science and STEM for the purpose of developing their knowledge and skills in independent scientific study and research. Students will learn to develop a research plan based on a specific problem, develop and implement an investigation, collect and analyze information and data, and formulate conclusion(s) based on collected data. Students will write research and present their project(s).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PS212LGYA

SCIENCE, SUPPLEMENTAL (GR K–8)

COURSE DESCRIPTION: Life and Physical Sciences—Supplemental courses, designed to be taken in addition or in coordination with other life and physical science courses, assist students in acquiring science skills to attain necessary grade-level skills or reach a desired competency level.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PS996SGYA

STEM LAB (GR K–8)

COURSE DESCRIPTION: Using inquiry, reflection, and social implications of essential and core standards, students develop inquiry, exploration, reflection, social implications, and develop basic research techniques. This course is designed for students with an interest in science and STEM for the purpose of developing their knowledge and skills in independent scientific study and research. Students will learn to develop a research plan based on a specific problem, develop and implement an investigation, collect and analyze information and data, and formulate conclusion(s) based on collected data. Students will write research and present their project(s).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PS996LGYA

SOCIAL SCIENCES & HISTORY

AFRICAN AMERICAN HISTORY (GR K–8)

COURSE DESCRIPTION: This course explores the unique African heritage and culture that has influenced the lives of African Americans in the Diaspora. The major purpose of this course is to develop an understanding of the role and contributions of African Americans to the growth and development of the United States. The course offers opportunities to examine the historical significance of African Americans from African Origins through present times. (Adapted from Los Angeles Unified School District Course Descriptions)

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PH107AGYA

CONTEMPORARY WORLD ISSUES (GR K–8)

COURSE DESCRIPTION: This course surveys the political, social, economic, and environmental issues facing contemporary human society. Students will move beyond basic geography skills and participate in civic discussions around issues of the contemporary world.

COURSE LENGTH:
Semester

GRADES:
K–8

COURSE CODE:
PH064SGSA

DEBATE (GR K–8)

COURSE DESCRIPTION: The Debate (Gr K–8) course engages students in activities to strengthen their skills in public speaking and critical thinking. Course curriculum is aligned to the Michigan Standards for Speaking and Listening (CCSS). This course focuses specifically on the production of clear and coherent writing and speaking. Verbal and nonverbal delivery skills (organization, projection, inflection, eye-contact, hand gestures, and more) are learned and practiced along with structured persuasive strategies and techniques used when debating.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PE199DGYA

SOCIAL SCIENCES & HISTORY

SOCIAL STUDIES (GR K)

COURSE DESCRIPTION: Using a familiar context for five and six-year olds, kindergartners learn about the social studies disciplines (history, geography, civics and government, and economics) through the lens of "Myself and Others." Accordingly, each discipline focuses on developing rudimentary understandings through an integrated approach to the field.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PH430SGY0

SOCIAL STUDIES (GR 1)

COURSE DESCRIPTION: In first grade, students continue to explore the social studies disciplines of history, geography, civics and government, and economics through an integrated approach using the context of school and families. This is the students' first introduction to social institutions as they draw upon knowledge learned in kindergarten to develop more sophisticated understandings of each discipline.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PH431SGY1

SOCIAL STUDIES (GR 2)

COURSE DESCRIPTION: In second grade, students continue the integrative approach to social studies through the context of the local community. This is the first-time students are introduced to a social environment larger than their immediate surroundings and they draw upon knowledge learned in previous grades to develop more sophisticated understandings to explore the social studies disciplines of history, geography, civics and government, and economics.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PH432SGY2

SOCIAL STUDIES (GR 3)

COURSE DESCRIPTION: Third grade students explore the social studies disciplines of history, geography, civics and government, and economics through the context of Michigan studies. Building on prior social studies knowledge and applying new concepts of each social studies discipline to the increasingly complex social environment of their state, the third-grade content expectations help prepare students for more sophisticated studies of their country and world in later grades.

COURSE LENGTH:
Year

GRADES:
3

COURSE CODE:
PH433SGY3

SOCIAL STUDIES (GR 4)

COURSE DESCRIPTION: Using the context of the United States, fourth grade students learn significant social studies concepts within an increasingly complex social environment. They examine fundamental concepts in geography, civics and government, and economics through the lens of Michigan history and the United States.

COURSE LENGTH:
Year

GRADES:
4

COURSE CODE:
PH434SGY4

SOCIAL STUDIES (GR 5)

COURSE DESCRIPTION: The fifth-grade social studies content expectations mark a departure from the social studies approach taken in previous grades. Building upon the geography, civics and government, and economics concepts of the United States mastered in fourth grade and historical inquiry from earlier grades, the fifth-grade expectations begin a more disciplinary-centered approach concentrating on the early history of the United States. Students begin their study of American history with American Indian peoples before the arrival of European explorers and conclude with the adoption of the Bill of Rights in 1791. Although the content expectations are organized by historical era, they build upon students' understandings of the other social studies disciplines from earlier grades and require students to apply these concepts within the context of American history.

COURSE LENGTH:
Year

GRADES:
5

COURSE CODE:
PH435SGY5

SOCIAL STUDIES (GR 6)

COURSE DESCRIPTION: The honors 6th grade Social Studies course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go deeper into topics through the study of more primary sources and document-based questions.

COURSE LENGTH:
Year

GRADES:
6

COURSE CODE:
PH436SGY6

SOCIAL SCIENCES & HISTORY

SOCIAL STUDIES (GR 7)

COURSE DESCRIPTION: Seventh grade students will review the tools and mental constructs used by historians and geographers. They will develop an understanding of Ancient World History, Eras 1–3, of the Eastern Hemisphere and will study contemporary geography of the Eastern Hemisphere. Contemporary civics/government and economics content is integrated throughout the year. As a capstone, the students will conduct investigations about past and present global issues. Using significant content knowledge, research, and inquiry, they will analyze the issue and propose a plan for the future. As part of the inquiry, they compose civic persuasive essays using reasoned argument.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PH437SGY7

SOCIAL STUDIES, (GR 7), HONORS

COURSE DESCRIPTION: The honors 7th grade Social Studies course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go deeper into topics through the study of more primary sources and document-based questions.

COURSE LENGTH:
Year

GRADES:
7

COURSE CODE:
PH437DHY7

SOCIAL STUDIES (GR 8)

COURSE DESCRIPTION: Eighth grade students continue their study of United States history from the writing of the Constitution through Reconstruction. Geographic, civics/government, and economics content is integrated within the historical context. Using significant content knowledge, research, and inquiry, the students analyze an issue and propose a plan for civic action. They develop reasoned arguments and write a persuasive civic essay addressing issues from the past within a historical context. Where appropriate, they make comparisons to relevant contemporary issues.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PH438SGY8

SOCIAL STUDIES (GR 8), HONORS

COURSE DESCRIPTION: The honors 8th grade Social Studies course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go deeper into topics through the study of more primary sources and document-based questions.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PH438DHY8

COMPUTER SCIENCE & STEM

ACADEMIC GAMES (3–8)

COURSE DESCRIPTION: This course is designed to support the District's Academic Games initiative. Students in grades 3–8 are encouraged to enroll into this elective course if they desire to represent their schools and compete in Academic Games in district, regional and/or national competitions in Equations, On-Sets, Wff N' Proof, LinguisHTIK, On-Words, Presidents, Propaganda, and/or Theme/Current Events (World Card).

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PM999GGYA

CHESS (K–8)

COURSE DESCRIPTION: This course is designed to support the District's Chess initiative. Students will learn the principles of chess, how the pieces move, value of the pieces, tactics, and opening, middle, and endgame theory. Students in grades K–8 are encouraged to enroll into this elective course and may have the opportunity to represent their school's chess team and compete in the Metro Detroit Scholastic Chess League (City League), State, Regional, and possible National Competition.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PZ999SGYA

COMPUTER SCIENCE & STEM

COMPUTER SCIENCE, APPLICATIONS (GR 5)

COURSE DESCRIPTION: Students will gain experience with personal computer software and fundamental computer literacy. Students review the use of loops, events, functions, and conditionals before learning about variables for loops. They will investigate helpful problem-solving techniques and discuss societal impacts of computing and the internet. In the second part of this course students design and create a capstone project they can share.

COURSE LENGTH:
Semester

GRADES:
5

COURSE CODE:
PI004SGS5

COMPUTER SCIENCE, BEGINNING (GR 8)

COURSE DESCRIPTION: This course is recommended for students in Grade 8 who have completed "Computer Science, Discovering." The student develops collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts.

COURSE LENGTH:
Semester

GRADES:
8

COURSE CODE:
PI004SGS8

COMPUTER SCIENCE, BUILDING SUCCESS (K–2)

COURSE DESCRIPTION: Students will gain experience with personal computer software and fundamental computer literacy. This course teaches the basics of programming, such as loops and events; collaboration techniques; investigation and critical thinking skills; persistence in the face of difficulty; and internet safety.

COURSE LENGTH:
Semester

GRADES:
K–2

COURSE CODE:
PI001SGSB

COMPUTER SCIENCE, DISCOVERING (GR 7)

COURSE DESCRIPTION: This course is recommended for students in Grade 7 who have completed "Computer Science, Exploration." Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

COURSE LENGTH:
Semester

GRADES:
7

COURSE CODE:
PI004SGS7

COMPUTER SCIENCE, EXPLORATION (GR 6)

COURSE DESCRIPTION: This course is the first in the middle school Computer Science sequence and is recommended for students in Grade 6. Students will learn about everyday computing tools for a variety of purposes: to foster creativity and innovation through opportunities to design, implement, and present solutions to real-world problems; to collaborate and use computer science concepts to access, analyze, and evaluate information to solve problems; and to learn problem-solving and reasoning skills. By using computer science knowledge and skills to support the work of individuals and groups in solving problems, students will select the technology appropriate for simulated tasks, synthesize knowledge, create solutions, and evaluate results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. They will gain an understanding of the principles of computer science through the study of technology operations and concepts.

COURSE LENGTH:
Semester

GRADES:
6

COURSE CODE:
PI004SGS6

COMPUTER SCIENCE & STEM

COMPUTER SCIENCE, FUNDAMENTALS (GR 3)

COURSE DESCRIPTION: Students will gain experience with personal computer software and fundamental computer literacy. Students develop their understanding of algorithms, nested loops, while loops, conditionals, and events. Beyond coding, students learn about digital citizenship.

COURSE LENGTH:
Semester

GRADES:
3

COURSE CODE:
PI001SGS3

COMPUTER SCIENCE, PRINCIPLES (GR 4)

COURSE DESCRIPTION: Students will gain experience with personal computer software and fundamental computer literacy. Students will practice coding with algorithms, loops, conditionals, and events before they are introduced to functions. In the second part of the course, students design and create a capstone project they can share.

COURSE LENGTH:
Semester

GRADES:
4

COURSE CODE:
PI001SGS4

ROBOTICS (K–8)

COURSE DESCRIPTION: This course is designed to support the District's First Robotics initiative. Students will learn the FLL Jr for K-3, FLL for grades 4–6 and FTC for grades 7–8. Students in grades K-8 are encouraged to enroll into this elective course and may have the opportunity to represent their school's robotics team and compete in the District's end of sessions competition.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PT009SGYA

MULTILINGUAL

ALGEBRA I, MULTILINGUAL (GR 8)

COURSE DESCRIPTION: Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

COURSE LENGTH:
Year

GRADES:
8

COURSE CODE:
PM052XGY8

HOMEROOM, MULTILINGUAL (GR K–8)

COURSE DESCRIPTION: Courses involve content that is not differentiated by subject area. These courses focus on content that is grade-specific and cover various subjects throughout the day, rather than a single subject-specific content area. Specific course content depends upon state standards and English Language Development Standards (ELDS) with alignment to WIDA Can Do Strategies.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PJ012XGYA

LANGUAGE ARTS, MULTILINGUAL (GR K–8)

COURSE DESCRIPTION: The Additional Language and Literacy Block/Intervention course engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PE037XGYA

MULTILINGUAL

MATHEMATICS, MULTILINGUAL (GR K–8)

COURSE DESCRIPTION: This year-long mathematics course provides intervention, small-group instruction, and additional multilingual learning support to enable ELL students to increase mathematical fluency, exploration, and deepening their understanding of essential mathematical topics associated with the Major Work standards and addressing unfinished learning needs.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PM039XGYA

SCIENCE, MULTILINGUAL (GR K–8)

COURSE DESCRIPTION: A year-long science course, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in place of grade-level specific science courses when a homeroom has mixed grade levels.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PS239XGYA

SOCIAL STUDIES, MULTILINGUAL (GR K–8)

COURSE DESCRIPTION: Through the use of inquiry under the C3 Framework, K–8 students in social studies explore their community, state, country, and world through the use of rich primary and secondary sources. K–8 Social Studies classes are aligned to the Michigan Grade Level Context Expectations.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PH439XGYA

ENGLISH LANGUAGE LEARNERS

ENGLISH AS A SECOND LANGUAGE (GR K–8)

COURSE DESCRIPTION: Courses involve content that is not differentiated by subject area. These courses focus on content that is grade-specific and cover various subjects throughout the day, rather than a single subject-specific content area. Specific course content depends upon state standards and English Language Development Standards (ELDS) with alignment to WIDA Can Do Strategies.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PE008SLYA

HOMEROOM, ESL (GR K–8)

COURSE DESCRIPTION: Courses involve content that is not differentiated by subject area. These courses focus on content that is grade-specific and cover various subjects throughout the day, rather than a single subject-specific content area. Specific course content depends upon state standards and English Language Development Standards (ELDS) with alignment to WIDA Can Do Strategies.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PJ012HLYA

LANGUAGE ARTS, ESL (GR K–8)

COURSE DESCRIPTION: The Additional Language and Literacy Block/Intervention course engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PE037SLYA

ENGLISH LANGUAGE LEARNERS

MATHEMATICS, ESL (GR K–8)

COURSE DESCRIPTION: A year-long mathematics course enabling students to explore mathematical topics of interest. These courses may be offered in place of grade-level specific mathematics courses when a homeroom has mixed grade levels.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PM039SLYA

SCIENCE, ESL (GR K–8)

COURSE DESCRIPTION: A year-long science course, often conducted with instructors as mentors, enables students to explore scientific topics of interest using advanced methods of scientific inquiry and experimentation. These courses may be offered in place of grade-level specific science courses when a homeroom has mixed grade levels.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PS239SLYA

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS ADAPTED PHYSICAL ED (GR K–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. A basic physical education course focused on fitness, conditioning, individual sports skills, and seasonal sports. This course includes the development of basic movement skills through instruction in a variety of physical activities. This course is modified to fit the needs of students who may require adaptations per their individualized educational plan. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Independence Adapted Physical Ed (Gr K–8) (PP039GDYA).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PP039SDYA

ESSENTIALS ART (GR K–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Art (Gr K–8) will cover the same content as Art with the following distinctions: In Essentials Art (Gr K–8) instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Art (Gr K–8) (PA189GDYA).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PA189SDYA

ESSENTIALS FUNCTIONAL INDEPENDENCE ADAPTIVE PHYSICAL ED (GR K–2)

COURSE DESCRIPTION: Only schedule Mild Cognitive Impairment (MiCI) program students in this course. Essentials Adaptive Physical Education (K–2) courses will cover the same content as Physical Education, emphasizing fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Essentials Adaptive Physical Education (K–2) has the following distinctions as compared to Physical Education: instruction is significantly modified to meet the needs of students who require adaptive physical education as directly related to their identified disability per the Individualized Education Plan; and the least restrictive environment for this course was determined by the IEP Team to be an ESE setting.

COURSE LENGTH:
Year

GRADES:
K–2

COURSE CODE:
PP039GDY1

ESSENTIALS FUNCTIONAL INDEPENDENCE ADAPTIVE PHYSICAL ED (GR 3–8)

COURSE DESCRIPTION: Only schedule Mild Cognitive Impairment (MiCI) program students in this course. Essentials Adaptive Physical Education (Gr 3–8) courses will cover the same content as Physical Education, emphasizing fundamental movement skills, body awareness & control, safety, and the enjoyment of physical activity. Essentials Adaptive Physical Education (3–8) has the following distinctions as compared to Physical Education: instruction is significantly modified to meet the needs of students who require adaptive physical education as directly related to their identified disability per the Individualized Education Plan; and the least restrictive environment for this course was determined by the IEP Team to be an ESE setting.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PP039GDY2

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS HOMEROOM (GR K–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. The Homeroom course (Gr K–8) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, plans for how to achieve them, and other skills needed to succeed in middle school and beyond. There is no numerical or letter grade for this course and it does not require work outside of the classroom. *** Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Homeroom (Gr K–8) (PJ012GDYA).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PJ012HDYA

ESSENTIALS HOMEROOM (GR PK)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. The Homeroom course (Gr PK) is designed for children with an IEP age 2 years 6 months through age 5 who are enrolled in an Early Childhood Special Education (ECSE) Program for all preschool core instruction. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Homeroom (Gr PK) (PJ002GDYP).

COURSE LENGTH:
Year

GRADES:
PK

COURSE CODE:
PJ002HDYP

ESSENTIALS LANGUAGE ARTS (K–2)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Language Arts (K–2) engages students in activities to develop skills in four targeted areas: 1) Comprehending text in increasingly complex ways; 2) Producing writing for a range of purposes and audiences; 3) Communicating for a range of purposes and audiences; and 4) Investigating topics and presenting information. Instruction is aligned to the Common Core Essential Elements. Students taking this course have been determine eligible for special education, require significant curricular modifications and accommodations, and their IEP identifies the ESE setting as the least restrictive environment. Individual needs are supported through the student's IEP and geared for students working at functional, supported or participation level. Essentials Language Arts (K–2) is part of a course of study leading to a Certificate of Completion.

COURSE LENGTH:
Year

GRADES:
K–2

COURSE CODE:
PE037SDY1

ESSENTIALS LANGUAGE ARTS (3–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Language Arts (3–8) will cover the same content as Language Arts (3–8) with the following distinctions: In Essentials Language Arts instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at a functional, supported or participation level. This course focuses on student understanding and differentiation models that support various learning styles. Essentials Language Arts (3–8) is aligned to the Common Core Essential Elements and is part of a course of study leading to a Certificate of Completion.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PE037SDY2

ESSENTIALS LANGUAGE ARTS (GR K–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Language Arts (Gr K–8) will cover the same content as Language Arts with the following distinctions: In the Essentials Language Arts (Gr K–8) instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Language Arts (Gr K–8) (PE037GDYA).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PE037SDYA

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS MATHEMATICS (GR K–2)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Mathematics (K–2) engages students in activities to develop skills in four targeted areas: 1) Demonstration of increasingly complex understanding of number sense; 2) Demonstration of increasingly complex spatial reasoning and understanding of geometric principles; 3) Demonstration of increasingly complex understanding of measurement, data and analytic procedures (Gr 1–2); and 4) Solving increasingly complex mathematical problems, making productive use of algebra and functions. Instruction is aligned to the Common Core Essential Elements. Students taking this course have been determine eligible for special education, require significant curricular modifications and accommodations, and their IEP identifies the ESE setting as the least restrictive environment. Individual needs are supported through the student's IEP and geared for students working at functional, supported or participation level. Essentials Mathematics (K–2) is part of a course of study leading to a Certificate of Completion.

COURSE LENGTH:
Year

GRADES:
K–2

COURSE CODE:
PM039SDY1

ESSENTIALS MATHEMATICS (GR K–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Mathematics (Gr K–8) will cover the same content as Mathematics with the following distinctions: In the Essentials Mathematics (Gr K–8) instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Mathematics (Gr K–8) (PM039GDYA).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PM039SDYA

ESSENTIALS MATHEMATICS (GR 3–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Mathematics (3–8) will cover the same content as Mathematics (3–8) with the following distinctions: In Essentials Mathematics instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported or participation level. This course focuses on student understanding and differentiation models that support various learning styles. Essentials Mathematics (3–8) is aligned to the Common Core Essential Elements and is part of a course of study leading to a Certificate of Completion.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PM039SDY2

ESSENTIALS SCIENCE (GR K–2)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Science (K–2) engages students in activities to develop skills in eight targeted areas: 1) Forces and Interactions; 2) Interdependent Relationships in Ecosystems; 3) Weather and Climate; 4) Engineering Design; 5) Waves: Light and Sound; 6) Structure, Function, and Information Processing; 7) Space & Earth Systems; and 8) Structure and Properties of Matter. Instruction is aligned to alternate content standards. Students taking this course have been determine eligible for special education, require significant curricular modifications and accommodations, and their IEP identifies the ESE setting as the least restrictive environment. Individual needs are supported through the student's IEP and geared for students working at functional, supported or participation level. Essential Science (K–2) is part of a course of study leading to a Certificate of Completion.

COURSE LENGTH:
Year

GRADES:
K–2

COURSE CODE:
PS239SDY1

ESSENTIALS SCIENCE (GR K–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Science (Gr K–8) will cover the same content as Science (Gr K–8) with the following distinctions: In the Essentials Science (Gr K–8) instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Science (Gr K–8) (PS239GDYA).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PS239SDYA

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS SCIENCE (GR 3–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Science (3–8) will cover the same content as Science (3–8) with the following distinctions: In Essentials Science instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported or participation level. This course focuses on student understanding and differentiation models that support various learning styles. Essentials Science (3–8) is aligned to alternate content standards and is part of a course of study leading to a Certificate of Completion.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PS239SDY2

ESSENTIALS SOCIAL STUDIES (GR K–2)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Social Studies (K–2) engages students in activities to develop skills in five targeted areas: 1) history; 2) geography; 3) civics and government; and 5) economics. Students taking this course have been determine eligible for special education, require significant curricular modifications and accommodations, and their IEP identifies the ESE setting as the least restrictive environment. Individual needs are supported through the student's IEP and geared for students working at functional, supported or participation level. Essentials Social Studies (K–2) is part of a course of study leading to a Certificate of Completion.

COURSE LENGTH:
Year

GRADES:
K–2

COURSE CODE:
PH439SDY1

ESSENTIALS SOCIAL STUDIES (GR K–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Social Studies (Gr K-8) will cover the same content as Social Studies (Gr K-8) with the following distinctions: In the Essentials Social Studies (Gr K-8) instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Social Studies (Gr K–8) (PH439GDYA).

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PH439SDYA

ESSENTIALS SOCIAL STUDIES (GR 3–8)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Social Studies (3–8) will cover the same content as Social Studies (3–8) with the following distinctions: In Essentials Social Studies instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported or participation level. This course focuses on student understanding and differentiation models that support various learning styles. Essentials Social Studies (3–8) is part of a course of study leading to a Certificate of Completion.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PH439SDY2

HOMEROOM (GR PK)

COURSE DESCRIPTION: Students will be provided experiences and opportunities that connect them across all developmental objectives preparing them for success. Those objectives are: approaches to learning, social and emotional development, physical development and health, language, literacy, communication, creative arts, science, technology, and social studies. Course curriculum is aligned to the Michigan's Early Childhood Standards of Quality for Pre-Kindergarten.

COURSE LENGTH:
Year

GRADES:
PK

COURSE CODE:
PJ002HGYP

EXCEPTIONAL STUDENT EDUCATION

HOMEROOM (GR K)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The Homeroom (Gr K) course is an opportunity for teachers to welcome students, take attendance, and cultivate relationships that support students socially, emotionally, and academically. The structure and routines of this course include relationship building, academic progress monitoring, and character development. Grade K Homeroom allows students to build positive connections with their peers and with their teacher through collaborative conversations and activities.

COURSE LENGTH:

Year

GRADES:

K

COURSE CODE:

PJ003HWY0

HOMEROOM (GR 1)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The Homeroom (Gr 1) course is an opportunity for teachers to welcome students, take attendance, and cultivate relationships that support students socially, emotionally, and academically. The structure and routines of this course include relationship building, academic progress monitoring, and character development. Grade 1 Homeroom allows students to build positive connections with their peers and with their teacher through collaborative conversations and activities.

COURSE LENGTH:

Year

GRADES:

1

COURSE CODE:

PJ004HWY1

HOMEROOM (GR 2)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The Homeroom (Gr 2) course is an opportunity for teachers to welcome students, take attendance, and cultivate relationships that support students socially, emotionally, and academically. The structure and routines of this course include relationship building, academic progress monitoring, and character development. Grade 2 Homeroom allows students to build positive connections with their peers and with their teacher through collaborative conversations and activities.

COURSE LENGTH:

Year

GRADES:

2

COURSE CODE:

PJ005HWY2

HOMEROOM (GR 3–8)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. Homeroom (grades 3–8) is where students have their first gathering, announcements, and receive information about the day. It is the touchstone and organizational tool that begins each school day. The homeroom teacher meets with students to discuss the current progress in all courses, the upcoming week's assignments, goals for the week, plans for how to achieve them, and other skills needed to succeed in middle school and beyond. There is no numerical or letter grade for this course and it does not require work outside of the classroom.

COURSE LENGTH:

Year

GRADES:

3–8

COURSE CODE:

PJ012HWY

LANGUAGE ARTS (GR K)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The English Language Arts (kindergarten) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Kindergarten Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:

Year

GRADES:

K

COURSE CODE:

PE028SWY0

LANGUAGE ARTS (GR 1)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The English Language Arts (Grade 1) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Grade 1 Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:

Year

GRADES:

1

COURSE CODE:

PE029SWY1

EXCEPTIONAL STUDENT EDUCATION

LANGUAGE ARTS (GR 2)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The English Language Arts (Grade 2) course engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Grade 2 Standards for English Language Arts (CCSS). This course focuses specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PE030SWY2

LANGUAGE ARTS (GR 3–8)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The English Language Arts (Gr 3–8) courses engages students in activities to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the 3–8 Michigan Standards for English Language Arts (CCSS). These courses focus specifically on building content knowledge through the reading of authentic complex texts based on compelling topics related to science, social studies, and literacy, while growing literacy skills by engaging in a continuous read, think, talk, write cycle. Students analyze key details and cite textual evidence in various texts and excerpts.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PE037SWY

MATHEMATICS (GR K)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. In kindergarten mathematics students are representing, relating, and operating on whole numbers, initially with sets of objects; and describing shapes and space. More learning time in kindergarten should be devoted to numbers than to other topics.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PM030SWY0

MATHEMATICS (GR 1)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. In grade 1 mathematics students are developing understanding of addition, subtraction, and strategies for addition and subtraction within 20, developing understanding of whole number relationships and place value, including grouping in tens and ones, developing understanding of linear measurement and measuring lengths as iterating length units, and reasoning about attributes of, and composing and decomposing geometric shapes.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PM031SWY1

MATHEMATICS (GR 2)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. In grade 2 mathematics students are extending understanding of base-ten notation, building fluency with addition and subtraction, using standard units of measure, and describing and analyzing shapes. Key areas of focus are addition and subtraction—concepts, skills, and problem solving.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PM032SWY2

MATHEMATICS (GR 3–8)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. Mathematics grades 3–8 focuses on the Standards for Mathematical Practice across grades. Additionally students spend the large majority of their time on the major work of the grade and where appropriate additional work to support major and supporting clusters. An important subset of the major work in grades 3–8 is the progression that leads toward middle school algebra. Students will work on Number and Operations in Base Ten, Fractions, Operations and Algebraic Thinking, Measurement and Data, Geometry, Ratios and Proportional Relationships, the Number System, Expressions, and Equations, Functions, and Statistics and Probability.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PM039SWYE

EXCEPTIONAL STUDENT EDUCATION

OG READING INTERVENTION (GR K–2)

COURSE DESCRIPTION: The Orton Gillingham Intervention course for ESE students engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student-led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary.

COURSE LENGTH:
Year

GRADES:
K–2

COURSE CODE:
PE068OWYB

OG READING INTERVENTION (GR 3–5)

COURSE DESCRIPTION: The Orton Gillingham Intervention course for ESE engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary.

COURSE LENGTH:
Year

GRADES:
3–5

COURSE CODE:
PE068OWYC

OG READING INTERVENTION (GR 6–8)

COURSE DESCRIPTION: The Orton Gillingham Intervention course for ESE students engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student-led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, word study/vocabulary.

COURSE LENGTH:
Year

GRADES:
6–8

COURSE CODE:
PE068OWYD

SCIENCE (GR K)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. A year-long science course in kindergarten allows students begin to explore science content through their natural curiosity and eagerness to learn. Students will utilize their five senses to gain information about the world around them, recognizing patterns and formulating answers to questions about real-world phenomena. Science and Engineering Practices are utilized throughout four major units of study to develop an understanding of disciplinary core ideas: Forces and Interactions; Interdependent Relationships in Ecosystems; Weather and Climate; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PS230SWY0

SCIENCE (GR 1)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. A year-long science course in first grade allows students to continue exploring science content through their natural curiosity and eagerness to learn. This inquisitiveness leads to students asking a variety of questions that deepen their understanding of the world around them, recognizing patterns and formulating answers to questions about real-world phenomena. Students will use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Light and Sound; Structure and Function; Space Systems; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PS231SWY1

EXCEPTIONAL STUDENT EDUCATION

SCIENCE (GR 2)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. A year-long science course in second grade allows students to begin to apply prior knowledge and skills to expand their comprehension of the natural world around them. Students continue recognizing patterns and formulating answers to questions about real-world phenomena. Students use Science and Engineering Practices to collaborate, take ownership of their learning, and make meaningful connections throughout four major units of study to deepen their understanding of disciplinary core ideas: Structure and Properties of Matter; Interdependent Relationships in Ecosystems; Earth's Systems; Engineering and Design. This course is based on Michigan Science Standards (MSS).

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PS232SWY2

SCIENCE (GR 3–8)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. A year-long science course, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in place of grade-level specific science courses when a homeroom has mixed grade levels.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PS239SWY

SOCIAL STUDIES (GR K)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. Using a familiar context for five and six-year olds, kindergartners learn about the social studies disciplines (history, geography, civics and government, and economics) through the lens of "Myself and Others." Accordingly, each discipline focuses on developing rudimentary understandings through an integrated approach to the field.

COURSE LENGTH:
Year

GRADES:
K

COURSE CODE:
PH430SWY0

SOCIAL STUDIES (GR 1)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. In first grade, students continue to explore the social studies disciplines of history, geography, civics and government, and economics through an integrated approach using the context of school and families. This is the students' first introduction to social institutions as they draw upon knowledge learned in kindergarten to develop more sophisticated understandings of each discipline.

COURSE LENGTH:
Year

GRADES:
1

COURSE CODE:
PH431SWY1

SOCIAL STUDIES (GR 2)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. In second grade, students continue the integrative approach to social studies through the context of the local community. This is the first-time students are introduced to a social environment larger than their immediate surroundings and they draw upon knowledge learned in previous grades to develop more sophisticated understandings to explore the social studies disciplines of history, geography, civics and government, and economics.

COURSE LENGTH:
Year

GRADES:
2

COURSE CODE:
PH432SWY2

SOCIAL STUDIES (GR 3–8)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. Through the use of inquiry under the C3 Framework, K–8 students in social studies classes explore their community, state, country, and world through the use of rich primary and secondary sources. K–8 Social Studies classes are aligned to the Michigan Grade Level Context Expectations.

COURSE LENGTH:
Year

GRADES:
3–8

COURSE CODE:
PH439SWY

EXCEPTIONAL STUDENT EDUCATION

START PEER-TO-PEER (GR 6–8)

COURSE DESCRIPTION: This course will introduce students to the study of human behavior in society by providing comprehensive and engaging content about autism spectrum disorders and other disabilities. Peer to Peer provides students an opportunity to support and model academic and social skills from one non-disabled peer to a peer with a disability. There is a focus on leadership skills, understanding and adapting to individual differences in the school setting, written and verbal communication skills, modeling social experiences, and advocating for others. The curriculum includes and evaluations are based on; journaling and or blogging, participation through internet disability modules, pre/post assessments, attendance, classroom participation with peer, and a final project. Time outside of the classroom may be required.

COURSE LENGTH:
Semester

GRADES:
6–8

COURSE CODE:
PH259SGYD

STUDY SKILLS (GR K–8)

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. Study Skills is designed to support a students' progress in MMC courses by providing the student with additional specialized instructional opportunity through pre-teaching and re-teaching of concepts, as well as practice and application of required core content skills.

COURSE LENGTH:
Year

GRADES:
K–8

COURSE CODE:
PZ003SGYA

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MONTESSORI

MONTESSORI LANGUAGE ARTS (GR PK–K)

COURSE DESCRIPTION: Montessori Language Arts (PreK–K) student's pre-reading skills are fostered through an immersion approach that exposes preschool and kindergarten students to phonemic awareness and phonological awareness. Course curriculum is aligned to the Michigan Kindergarten Standards for English Language Arts (CCSS). Materials such as moveable alphabets support early stages of word creation. Students are introduced to literature through reading aloud of classic stories and poetry. Writing is explored on upright blackboards, unlined, wide-lined paper as well as tracing letters into the sand.

COURSE LENGTH:
Year

GRADES:
PK–K

COURSE CODE:
PE037MGYF

MONTESSORI LANGUAGE ARTS (GR 1–3)

COURSE DESCRIPTION: Students analyze abstract concepts of language: how, what, why, where, and when. Course curriculum is aligned to the Michigan 1st, 2nd, and 3rd Grade Standards for English Language Arts (CCSS). Montessori elementary students explore written and spoken language through conversations, exposure to high quality literature, and writing experiences. Grammar and syntax are learned through active learning experiences that are embedded in the context of learning. Through every conversation, every book read aloud, and every new word that is taught, the Montessori student is learning language which supports emergent literacy skills. Knowledge is constructed by mental and physical activity rather than passive learning. Writing is taught before reading through the direct and indirect goals of the Montessori Practical Life and Sensorial works. In the Montessori Language Arts (1-3) curriculum, writing is regarded as direct preparation for reading.

COURSE LENGTH:
Year

GRADES:
1–3

COURSE CODE:
PE037MGYG

MONTESSORI LANGUAGE ARTS (GR 4–6)

COURSE DESCRIPTION: Student's analysis of language begins to transition from abstract to concrete. Course curriculum is aligned to the Michigan 4th, 5th, and 6th Grade Standards for English Language Arts (CCSS). Montessori upper elementary students focus on skill development in reading, speaking, listening, handwriting, and grammar. Interpretative reading for comprehension supports student's interests in core areas of science, geography, nature, and history through high interest books. Research skills are fostered through the preparation of reports that support writing skills and the writing process.

COURSE LENGTH:
Year

GRADES:
4–6

COURSE CODE:
PE037MGYH

MONTESSORI

MONTESSORI LANGUAGE ARTS (GR 7–8)

COURSE DESCRIPTION: Student's concrete analysis of language supports the exploration of the world's classical children's literature. Course curriculum is aligned to the Michigan 7th and 8th Grade Standards for English Language Arts (CCSS). Creative and expository composition skills develop through the composition of short stories, poems, plays, reports, and articles. The analysis of sentence structure is studied through concrete materials and exercises that foster writing, oral language, and comprehension skills. The activities related to speaking and listening are especially important for this age group. They provide practice in public speaking, drama, interviewing, and debate.

COURSE LENGTH:
Year

GRADES:
7–8

COURSE CODE:
PE037MGYI

MONTESSORI MATHEMATICS (GR PK–K)

COURSE DESCRIPTION: Students will gain awareness of numbers and number symbols one to ten. Course curriculum is aligned to the Michigan Kindergarten Standards for Mathematics Arts (CCSS). Units, tens, hundreds, thousands are represented by specially prepared concrete learning materials that show the decimal hierarchy in three-dimensional form.

COURSE LENGTH:
Year

GRADES:
PK–K

COURSE CODE:
PM039MGYF

MONTESSORI MATHEMATICS (GR 1–3)

COURSE DESCRIPTION: Students foster an awareness of the four basic mathematical operations: addition, subtraction, division, and multiplication through work with the Montessori Golden Bead Material. Course curriculum is aligned to the Michigan 4th, 5th, and 6th Grade Standards for Mathematics (CCSS). Abstract understanding of addition, subtraction, division, and multiplication through the Stamp Game in support of the decimal system. Fractions and geometry, using geometric inserts and three-dimensional models, are explored when introducing plane and solid shapes. Money is explored through units and exchange with real life problems.

COURSE LENGTH:
Year

GRADES:
1–3

COURSE CODE:
PM039MGYG

MONTESSORI MATHEMATICS (GR 4–6)

COURSE DESCRIPTION: Students develop an understanding and fluency of multi-digit multiplication. Course curriculum is aligned to the Michigan 4th, 5th, and 6th Standards for Mathematics (CCSS). Upper elementary students develop an understanding of fraction equivalence, addition, and subtraction. Students continue to apply math in a wide range of projects and challenges such as scale drawings and calculating area and volume. Statistics and probability are explored through real life problems.

COURSE LENGTH:
Year

GRADES:
4–6

COURSE CODE:
PM039MGYH

MONTESSORI MATHEMATICS (GR 7–8)

COURSE DESCRIPTION: Students develop understanding and applying proportional relationships. Course curriculum is aligned to the Michigan 7th and 8th Grade Standards for Mathematics (CCSS). The development of understanding of operations with rational numbers and working with expressions and linear equations. Problem solving involving scale drawings of geometric shapes help students apply these skills to solve real world problems. The study of practical application of mathematics in everyday life, such as measurement, handling finances, making economic comparisons, and statistical analysis are explored.

COURSE LENGTH:
Year

GRADES:
7–8

COURSE CODE:
PM039MGYI

MONTESSORI SCIENCE (GR PK–K)

COURSE DESCRIPTION: Students will differentiate between living and non-living things and animals and plants. Course curriculum is aligned to the Michigan Kindergarten Standards for Science (CCSS). In addition, early childhood students will focus on Botany by identifying, naming, and labeling the external parts of plants, trees, leaves, roots, and flowers. Students will also explore the study of vertebrates in support of the animal discovery.

COURSE LENGTH:
Year

GRADES:
PK–K

COURSE CODE:
PS239MGYF

MONTESSORI

MONTESSORI SCIENCE (GR 1–3)

COURSE DESCRIPTION: Students will differentiate between living and non-living things and animals and plants. Course curriculum is aligned to the Michigan 1st, 2nd, and 3rd Grade Standards for Science (CCSS). In addition, early childhood students will focus on Botany by identifying, naming, and labeling the external parts of plants, trees, leaves, roots, and flowers. Students will also explore the study of vertebrates in support of the animal discovery.

COURSE LENGTH:
Year

GRADES:
1–3

COURSE CODE:
PS239MGYG

MONTESSORI SCIENCE (GR 4–6)

COURSE DESCRIPTION: Students will explore animal behavior through detailed observation systems of the human and animal body. Course curriculum is aligned to the Michigan 4th, 5th, and 6th Grade Standards for Science (CCSS). Upper elementary students will explore health and nutrition as well as the advanced study of the inter-relationships of life forms. The development of skills using certain scientific apparatus such as microscopes, telescopes, and hand lens will be investigated.

COURSE LENGTH:
Year

GRADES:
4–6

COURSE CODE:
PS239MGYH

MONTESSORI SCIENCE (GR 7–8)

COURSE DESCRIPTION: Students will explore field science skills such as tracking, listening, and observing. Course curriculum is aligned to the Michigan 7th and 8th Grade Standards for Science (CCSS). The development of scientific inquiry skills such as forming a hypothesis, designing experiments, and recording results will also be explored.

COURSE LENGTH:
Year

GRADES:
7–8

COURSE CODE:
PS239MGYI

MONTESSORI SOCIAL STUDIES (PK–K)

COURSE DESCRIPTION: Montessori Social Studies (PK–K) students will develop a global perspective of cultures, people, and places through the study and exploration of physical geography, cultural geography, and economic geography.

COURSE LENGTH:
Year

GRADES:
PK–K

COURSE CODE:
PH439MGYF

MONTESSORI SOCIAL STUDIES (GR 1–3)

COURSE DESCRIPTION: Montessori Social Studies (Gr. 1–3) students will develop a global perspective of cultures, people, and places through the study and exploration of physical geography, cultural geography, and economic geography.

COURSE LENGTH:
Year

GRADES:
1–3

COURSE CODE:
PH439MGYG

MONTESSORI SOCIAL STUDIES (GR 4–6)

COURSE DESCRIPTION: Montessori Social Studies (Gr. 4–6) students will develop a global perspective of cultures, people, and places through the study and exploration of physical geography, cultural geography, and economic geography.

COURSE LENGTH:
Year

GRADES:
4–6

COURSE CODE:
PH439MGYH

MONTESSORI SOCIAL STUDIES (GR 7–8)

COURSE DESCRIPTION: Montessori Social Studies (Gr. 7–8) students will develop a global perspective of cultures, people, and places through the study and exploration of physical geography, cultural geography, and economic geography.

COURSE LENGTH:
Year

GRADES:
7–8

COURSE CODE:
PH439MGYI



HIGH SCHOOL

MILITARY SCIENCE

ARMY JUNIOR ROTC I

COURSE DESCRIPTION: This basic course consists of material from the nine core JROTC units designed to develop the Emerging Leader emphasizing academic skills, self-awareness and developing a personal plan. Lessons concentrate on JROTC Foundations, Personal Growth and Behavior, Critical and Creative Thinking, Reading and Vocabulary Comprehension, Studying and Test Taking Strategies, Decision Making, Goal Setting, Anger Management Techniques, Conflict Resolution, Health and Fitness, Stress Management, Geography, and Service Learning. Cadets begin to develop new skills they will use in high school and throughout life. This introductory course develops a greater appreciation of American History, Traditions and the Purpose of Army JROTC. This course introduces Personal Growth and Development, Skills, Traits and Principles necessary to influence human behavior. Cadet rank may be earned within the battalion through demonstrated leadership and participation within the program.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SR051SGS[1,2]
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ARMY JUNIOR ROTC II

COURSE DESCRIPTION: This course continues with JROTC topics on an intermediate level designed for the Developing Leader emphasizing career exploration, communication and ethics. Lessons concentrate on Introduction to Leadership Development, Communication Skills, Team Building, Achieving a Healthy Lifestyle, First Aid for Emergency and Non-Emergency Situations, Map Reading Skills, Citizenship Skills, Foundations of the American Political System, Creating the U.S. Constitution, the Bill of Rights, Citizen Roles in American Democracy, and Service Learning. Course work focuses on Leadership, Presentation Skills such as Becoming a Better Writer, Speech Writing and Public Speaking, Government and Citizenship, and First Aid. Cadet rank may be earned within the battalion through demonstrated leadership and participation within the program.

Prerequisite: Army Junior ROTC I

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SR052SGS[1,2]
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ARMY JUNIOR ROTC III

COURSE DESCRIPTION: This course continues with JROTC topics on an applied level designed to develop the Supervising Leader emphasizing post-secondary plans, career portfolio, and self-management. Lessons concentrate on Leadership Theory and Application, Citizenship in Action, Drug Awareness, Celebrating Cultural and Individual Diversity, Negotiating, and Decision Making. Course work includes Effects of Substance Abuse, Prejudice, Negotiation and Conflict Resolution, Career Exploration, Planning Skills, Social Responsibility, Resume Building, Interviews, Financial Planning, Critical Thinking, and Service Learning. Cadet rank may be earned within the battalion through demonstrated leadership and participation within the program.

Prerequisite: Army Junior ROTC II

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SR053SGS[1,2]
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ARMY JUNIOR ROTC IV

COURSE DESCRIPTION: This course continues with JROTC topics on an advanced level designed to develop the Managing Leader emphasizing life after school and professional development. Lessons focus on Service to the Nation, Leadership Principals, Personal Finance, Teaching Skills, Service Learning, and Applied Leadership in a Command or Staff Position.

Prerequisite: Army Junior ROTC III

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SR054SGS[1,2]
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NAVAL JUNIOR ROTC I

COURSE DESCRIPTION: The course includes introduction to the NJROTC program with an introduction to Leadership, Citizenship and the American Government, Wellness, Fitness, First Aid (including diet, exercise, and drug awareness), introduction to Geography, Orienteering, Survival and Map Reading Skills, Financial Skills, and introduction to the U.S. Navy.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SR101SGS[1,2]
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MILITARY SCIENCE

NAVAL JUNIOR ROTC II

COURSE DESCRIPTION: The course includes ongoing instruction into Leadership and an introduction to Maritime History, including the American Revolution, Civil War, the rise of the U.S. to world power status, World Wars 1 and 2, the Cold War era and the 1990s and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

Prerequisite: Naval Junior ROTC I

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0

COURSE LENGTH:
Year

GRADES:
9-12

COURSE CODE:
SR102SGS[1,2]

NAVAL JUNIOR ROTC III

COURSE DESCRIPTION: The course includes ongoing instruction into Leadership and an introduction to Maritime History, including the American Revolution, Civil War, the rise of the U.S. to world power status, World Wars 1 and 2, the Cold War era and the 1990s and Beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

Prerequisite: Naval Junior ROTC II

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9-12

COURSE CODE:
SR103SGS[1,2]

NAVAL JUNIOR ROTC IV

COURSE DESCRIPTION: The course includes instruction in theoretical and applied aspects of leadership, training, and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group, and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.

Prerequisite: Naval Junior ROTC III

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9-12

COURSE CODE:
SR104SGS[1,2]

FINE & PERFORMING ARTS

ACTING

COURSE DESCRIPTION: Theater—Acting/Performance courses provide students with experience and skill development in one or more aspects of theatrical production, by concentrating on acting and performance skills. Introductory courses explore fundamental techniques, while advanced courses extend and refine technique, expand students' exposure to different types of theatrical craft and traditions from varied social and historical contexts, and increase their participation in public productions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9-12

COURSE CODE:
SA055SGS[1,2]

ACTING II

COURSE DESCRIPTION: This course provides concentrated study in advanced acting techniques and dramaturgy. Students engage in special projects involving script-writing for various mediums as well as expanding their exposure to different types of theatrical craft and traditions from varied social and historical contexts, and increasing their participation in public productions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9-12

COURSE CODE:
SA055SGS[3,4]

FINE & PERFORMING ARTS

AFRICAN DANCE

COURSE DESCRIPTION: African Dance builds students' knowledge of dance as an art form while exploring and demonstrating the dance styles of Western and Central Africa. Students will analyze, evaluate and perform dances of these different regions as well as discover the historical background and relevance of the vast cultures within.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA001AGS[1,2]
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AFRICAN DANCE II

COURSE DESCRIPTION: African Dance II builds students' knowledge of dance as an art form while exploring and demonstrating the dance styles of Western and Central Africa. Students will analyze, evaluate and perform dances of these different regions as well as discover the historical background and relevance of the vast cultures within. This course is a continuation of African Dance I.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA001AGS[3,4]
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ARCHITECTURAL DESIGN & DRAFTING

COURSE DESCRIPTION: Architectural Design & Drafting prepares students to develop drafting techniques and skills required for employment in the manufacturing, engineering, or architectural fields.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA192SGS[1,2]
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ARCHITECTURAL DESIGN & DRAFTING, DP

COURSE DESCRIPTION: Architectural Design & Drafting, DP prepares students to develop drafting techniques and skills required for employment in the manufacturing, engineering, or architectural fields.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA192DGS[1,2]
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AP ART—HISTORY OF ART

COURSE DESCRIPTION: AP Art History is an introductory college-level art history course. Students cultivate their understanding of art history through analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, and understanding purpose and audience in art historical analysis.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA153SAS[1,2]
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ART HISTORY

COURSE DESCRIPTION: Art History introduces students to significant works of art, artists, and artistic movements that have shaped the world and influenced or reflected various periods of history. These courses may emphasize the sequential evolution of art forms, techniques, symbols, and themes. Art History courses also develop an understanding of art in relation to social, cultural, political, and historical events throughout the world, while covering multiple artists, aesthetic issues, and the evolution of art.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA152SGS[1,2]
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FINE & PERFORMING ARTS

ART HISTORY, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Art History. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA152VRS[1,2]E
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ART PORTFOLIO

COURSE DESCRIPTION: Art Portfolio is designed to address a variety of factors and methods including evolving technologies when preparing and refining artwork for portfolio presentation and or when deciding if and how to preserve and protect art. Students will create, select, respond to, and present work that clearly reflects newly obtained technical skills, increasing conceptual thinking and is a reflection of their personal interests. This course includes individual critiques and peer review.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA170SGS[1,2]
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BALLET I

COURSE DESCRIPTION: Ballet courses provide students with ongoing training in ballet and emphasize improving students' technique.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA014SGS[1,2]
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BALLET II

COURSE DESCRIPTION: Ballet courses provide students with ongoing training in ballet and emphasize improving students' technique.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA014SGS[3,4]
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BALLET III

COURSE DESCRIPTION: Ballet courses provide students with ongoing training in ballet and emphasize improving students' technique.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA014SGS[5,6]
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BALLET IV

COURSE DESCRIPTION: Ballet courses provide students with ongoing training in ballet and emphasize improving students' technique.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA014SGS[7,8]
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BAND I

COURSE DESCRIPTION: Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA101SGS[1,2]
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FINE & PERFORMING ARTS

BAND II

COURSE DESCRIPTION: Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA101SGS[3,4]

BAND III

COURSE DESCRIPTION: Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA101SGS[5,6]

BAND IV

COURSE DESCRIPTION: Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA101SGS[7,8]

BRASS

COURSE DESCRIPTION: Brass provides individuals with instruction in brass instrumental literature and techniques. This course may be conducted either individually or in a small group; formal and informal performances are typically included as well as experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA109SGS[1,2]

CHOIR I

COURSE DESCRIPTION: Chorus I develops students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. This sequence of courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA110SGS[1,2]

CHOIR II

COURSE DESCRIPTION: Chorus II develops students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. This sequence of courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA110SGS[3,4]

FINE & PERFORMING ARTS

CHOIR III

COURSE DESCRIPTION: Chorus III develops students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. This sequence of courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA110SGS[5,6]
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CHOIR IV

COURSE DESCRIPTION: Chorus IV develops students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. This sequence of courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA110SGS[7,8]
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CHOREOGRAPHY

COURSE DESCRIPTION: In this course students will apply choreographic principles and dance forms to create fully developed choreography for formal or informal presentations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA005SGS[1,2]
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CINEMATOGRAPHY/VIDEO PRODUCTION

COURSE DESCRIPTION: Cinematography/Video Production emphasizes the application of the fundamental processes of artistic expression for the purpose of shooting and processing of the image. This course includes the history and development of cinema, television, and video production. Students explore a range of skills needed to explore contemporary social, cultural, and political issues and creatively solve problems within and through cinematic or video productions. Students engage in critiques of their cinematic or video productions, those of others, and productions of professional cinematographers or video artists for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA168SGS[1,2]
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IB COLOR & DESIGN

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed to interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA195CIS[1,2]
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CONCERT BAND

COURSE DESCRIPTION: Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances and also include experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA102SGS[1,2]
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FINE & PERFORMING ARTS

CONCERT CHOIR

COURSE DESCRIPTION: Concert Choir is an audition-based choir develops students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. This sequence of courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA110SGS[1,2]
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CRAFTS I

COURSE DESCRIPTION: Crafts I helps students apply fundamental processes of artistic expression to the materials and accompanying aesthetics of crafts. Students will explore types of folk art and the materials and ways in which objects have been created for practical, religious, spiritual, and cultural needs of people around the world. These courses survey a wide range of crafts; some possibilities include calligraphy, quilting, silk-screening, cake-decorating, tole-painting, mask-making, knitting, crocheting, paper-making, and so on. These courses also explore aesthetic issues surrounding folk art and artists and engage in critiques of this authentic art form.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA165SGS[1,2]
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CRAFTS II

COURSE DESCRIPTION: Crafts II helps students apply fundamental processes of artistic expression to the materials and accompanying aesthetics of crafts. Students will explore types of folk art and the materials and ways in which objects have been created for practical, religious, spiritual, and cultural needs of people around the world. These courses survey a wide range of crafts; some possibilities include calligraphy, quilting, silk-screening, cake-decorating, tole-painting, mask-making, knitting, crocheting, paper-making, and so on. These courses also explore aesthetic issues surrounding folk art and artists and engage in critiques of this authentic art form.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA165SGS[3,4]
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CRAFTS III

COURSE DESCRIPTION: Crafts III helps students apply fundamental processes of artistic expression to the materials and accompanying aesthetics of crafts. Students will explore types of folk art and the materials and ways in which objects have been created for practical, religious, spiritual, and cultural needs of people around the world. These courses survey a wide range of crafts; some possibilities include calligraphy, quilting, silk-screening, cake-decorating, tole-painting, mask-making, knitting, crocheting, paper-making, and so on. These courses also explore aesthetic issues surrounding folk art and artists and engage in critiques of this authentic art form.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA165SGS[5,6]
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IB DANCE: MODERN DANCE III

COURSE DESCRIPTION: IB Dance courses prepare students to take the International Baccalaureate (IB) Dance assessments. IB Dance courses help students develop skills in the composition, performance, and analysis of dance. These courses also help students form a historical and global awareness of dance forms and styles.

Prerequisite: Modern Dance II or permission of the instructor

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA016SIS[5,6]
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FINE & PERFORMING ARTS

IB DANCE: MODERN DANCE IV

COURSE DESCRIPTION: IB Dance courses prepare students to take the International Baccalaureate (IB) Dance assessments. IB Dance courses help students develop skills in the composition, performance, and analysis of dance. These courses also help students form a historical and global awareness of dance forms and styles.

Prerequisite: Modern Dance III or permission of the instructor

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA016SIS[7,8]
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DRAWING/PAINTING I

COURSE DESCRIPTION: Drawing/Painting I focuses on the inter-relationships that occur between drawing and painting using a variety of media and techniques, emphasizing observation and interpretation of the visual environment. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA155SGS[1,2]
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DRAWING/PAINTING II

COURSE DESCRIPTION: Drawing/Painting II focuses on the inter-relationships that occur between drawing and painting using a variety of media and techniques, emphasizing observation and interpretation of the visual environment. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. This advanced course encourages students to refine their creative process and develop their own artistic styles following and breaking from traditional conventions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA155SGS[3,4]
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DRAWING/PAINTING III

COURSE DESCRIPTION: Drawing/Painting III focuses on the inter-relationships that occur between drawing and painting using a variety of media and techniques, emphasizing observation and interpretation of the visual environment. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. This advanced course encourages students to refine their creative process and develop their own artistic styles following and breaking from traditional conventions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA155SGS[5,6]
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DRAWING/PAINTING IV

COURSE DESCRIPTION: Drawing/Painting IV focuses on interrelationships that occur between drawing and painting using a variety of media and techniques, emphasizing observation and interpretation of the visual environment. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. This advanced course encourages students to refine their creative process and develop their own artistic styles following and breaking from traditional conventions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA155SGS[7,8]
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FINE & PERFORMING ARTS

ENSEMBLE, HARP

COURSE DESCRIPTION: Harp Ensemble is for advanced harpists that have developed techniques presented in other harp courses. Students will receive private and group instruction as they study compositions that have been arranged for various combinations of harps. The harp ensemble performs regularly as an independent ensemble and may also accompany the Harp and Vocal Ensemble. They also perform in semester recitals.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA106HGS[1,2]
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FASHION I

COURSE DESCRIPTION: Fashion Design I emphasizes applying the fundamental processes of artistic expression in creating and merchandising apparel. Drawing the figure is a foundation of this courses. Students identify the relationships between design, clothing, and expression of self through fashion statements. Courses include a study of historical and contemporary fashion design from a worldwide perspective. Students engage in critique of their designs, the designs of others, and those of professional fashion designers for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA190SGS[1,2]
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FASHION II

COURSE DESCRIPTION: Fashion Design II emphasizes applying the fundamental processes of artistic expression in creating and merchandising apparel. Drawing the figure is a foundation of this courses. Students identify the relationships between design, clothing, and expression of self through fashion statements. Courses include a study of historical and contemporary fashion design from a worldwide perspective. Students engage in critique of their designs, the designs of others, and those of professional fashion designers for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA190SGS[3,4]
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FASHION III

COURSE DESCRIPTION: Fashion Design III emphasizes applying the fundamental processes of artistic expression in creating and merchandising apparel. Drawing the figure is a foundation of this courses. Students identify the relationships between design, clothing, and expression of self through fashion statements. Courses include a study of historical and contemporary fashion design from a worldwide perspective. Students engage in critique of their designs, the designs of others, and those of professional fashion designers for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA190SGS[5,6]
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FASHION IV

COURSE DESCRIPTION: Fashion Design IV emphasizes applying the fundamental processes of artistic expression in creating and merchandising apparel. Drawing the figure is a foundation of this courses. Students identify the relationships between design, clothing, and expression of self through fashion statements. Courses include a study of historical and contemporary fashion design from a worldwide perspective. Students engage in critique of their designs, the designs of others, and those of professional fashion designers for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA190SGS[7,8]
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FINE & PERFORMING ARTS

FIBERS AND TEXTILE DESIGN I

COURSE DESCRIPTION: Fibers and Textile Design I emphasizes applying the fundamental processes of artistic expression in creating textiles and fiber works using fiber and fiber-related media, techniques, and processes. These courses may help students understand the suitability of design to materials and the artist's intent in creating textile works of art. Students will create their own work following and breaking from traditional conventions. They may also include the study of the history of fiber and textile art from a worldwide perspective. Students respond to their art and that of others including professional fiber artists through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA164SGS[1,2]

FIBERS AND TEXTILE DESIGN II

COURSE DESCRIPTION: Fibers and Textile Design II emphasizes applying the fundamental processes of artistic expression in creating textiles and fiber works using fiber and fiber-related media, techniques, and processes. These courses may help students understand the suitability of design to materials and the artist's intent in creating textile works of art. Students will create their own work following and breaking from traditional conventions. They may also include the study of the history of fiber and textile art from a worldwide perspective. Students respond to their art and that of others including professional fiber artists through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA164SGS[3,4]

FIBERS AND TEXTILE DESIGN III

COURSE DESCRIPTION: Fibers and Textile Design III emphasizes applying the fundamental processes of artistic expression in creating textiles and fiber works using fiber and fiber-related media, techniques, and processes. These courses may help students understand the suitability of design to materials and the artist's intent in creating textile works of art. Students will create their own work following and breaking from traditional conventions. They may also include the study of the history of fiber and textile art from a worldwide perspective. Students respond to their art and that of others including professional fiber artists through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA164SGS[5,6]

FIBERS AND TEXTILE DESIGN IV

COURSE DESCRIPTION: Fibers and Textile Design IV emphasizes applying the fundamental processes of artistic expression in creating textiles and fiber works using fiber and fiber-related media, techniques, and processes. These courses may help students understand the suitability of design to materials and the artist's intent in creating textile works of art. Students will create their own work following and breaking from traditional conventions. They may also include the study of the history of fiber and textile art from a worldwide perspective. Students respond to their art and that of others including professional fiber artists through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA164SGS[7,8]

FINE & PERFORMING ARTS

IB FIBERS AND TEXTILE DESIGN II

COURSE DESCRIPTION: IB Fibers and Textile Design II applies processes of artistic expression in creating textiles and fiber works using fiber and fiber-related media, techniques, and processes to prepare students for the International Baccalaureate program. This course helps students understand the suitability of design to materials and the artist's intent in creating textile works of art. Students will create their own work following and breaking from traditional conventions for submission to the IB. This course also includes the study of the history of fiber and textile art from a worldwide perspective. Students respond to their art and that of others including professional fiber artists through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

Prerequisite: Open to students who qualify for IB courses and have passed Visual Art-Comprehensive, Painting and Drawing I, or any of the Level I Visual Art courses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA164SIS[3,4]
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FIGURE DRAWING

COURSE DESCRIPTION: Figure Drawing provides a foundation in figure drawing using a variety of techniques in both black and white and color, emphasizing observation and interpretation of the visual environment and life drawing. This course includes applying the elements of art and principles of design, along engage in the historical and contemporary view of using art metals and other elements in jewelry design and provides instruction in the critique process. Students participate in critiques of their jewelry and metal works, the jewelry and metal works of others, and those by professional jewelers and gemologists for the purpose of reflecting on and refining work for fulfillment of the International Baccalaureate requirements.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA155FGS[1,2]
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IMPROVISATION

COURSE DESCRIPTION: This class reviews the basics of improvisation and allows students to further explore improvisational techniques in acting, including improvisational scene building and characterization. Students participate in improvisational showcases and scene building, in partnership with the Detroit Creativity Project.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA999SGS[1,2]
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INTRODUCTION TO THE THEATER

COURSE DESCRIPTION: Introduction to Theater provides an overview of the art, conventions, and history of the theater arts. Although the course sometimes includes experiential exercises, it emphasizes learning about theater processes rather than theatrical production and performance. Course topics include one or more of the following: basic techniques in acting, major developments in dramatic literature, major playwrights, the evolution of theater as a cultural tradition, and critical appreciation of the art and craft of the theater profession.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA051SGS[1,2]
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JAZZ BAND I

COURSE DESCRIPTION: Formerly known as Contemporary Band, Jazz Band courses help students perform a variety of contemporary styles, such as traditional jazz, jazz improvisation, and rock. At the same time, these courses cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic. These ensembles emphasize instrumental music but may also include vocal music. Advanced coursework provides students with opportunities for growth through rehearsal and performance, improvisation, or creating and performing their own compositions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA105JGS[1,2]
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FINE & PERFORMING ARTS

JAZZ BAND II

COURSE DESCRIPTION: Formerly known as Contemporary Band, Jazz Band courses help students perform a variety of contemporary styles, such as traditional jazz, jazz improvisation, and rock. At the same time, these courses cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic. These ensembles emphasize instrumental music but may also include vocal music. Advanced coursework provides students with opportunities for growth through rehearsal and performance, improvisation, or creating and performing their own compositions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA105JGS[3,4]

JAZZ BAND III

COURSE DESCRIPTION: Formerly known as Contemporary Band, Jazz Band courses help students perform a variety of contemporary styles, such as traditional jazz, jazz improvisation, and rock. At the same time, these courses cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic. These ensembles emphasize instrumental music but may also include vocal music. Advanced coursework provides students with opportunities for growth through rehearsal and performance, improvisation, or creating and performing their own compositions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA105JGS[5,6]

JAZZ BAND IV

COURSE DESCRIPTION: Formerly known as Contemporary Band, Jazz Band courses help students perform a variety of contemporary styles, such as traditional jazz, jazz improvisation, and rock. At the same time, these courses cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic. These ensembles emphasize instrumental music but may also include vocal music. Advanced coursework provides students with opportunities for growth through rehearsal and performance, improvisation, or creating and performing their own compositions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA105JGS[7,8]

JAZZ ENSEMBLE I

COURSE DESCRIPTION: Jazz Ensemble I is designed for vocal students to learn and perform jazz music. Jazz style and history will be incorporated in the curriculum. Improvisation will be highly stressed. Can perform in a large ensemble or smaller groups (combos). Instrumentalists can be added with the recommendation of the instructor.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA106JGS[1,2]

JAZZ ENSEMBLE II

COURSE DESCRIPTION: Jazz Ensemble II is designed for vocal students to learn and perform jazz music. Jazz style and history will be incorporated in the curriculum. Improvisation will be highly stressed. Can perform in a large ensemble or smaller groups (combos). Instrumentalists can be added with the recommendation of the instructor.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA106JGS[3,4]

FINE & PERFORMING ARTS

JAZZ ENSEMBLE III

COURSE DESCRIPTION: Jazz Ensemble III is designed for vocal students to learn and perform jazz music. Jazz style and history will be incorporated in the curriculum. Improvisation will be highly stressed. Can perform in a large ensemble or smaller groups (combos). Instrumentalists can be added with the recommendation of the instructor.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA106JGS[5,6]
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JAZZ ENSEMBLE IV

COURSE DESCRIPTION: Jazz Ensemble IV is designed for vocal students to learn and perform jazz music. Jazz style and history will be incorporated in the curriculum. Improvisation will be highly stressed. Can perform in a large ensemble or smaller groups (combos). Instrumentalists can be added with the recommendation of the instructor.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA106JGS[7,8]
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JEWELRY I

COURSE DESCRIPTION: Jewelry I helps students apply fundamental processes of artistic expression to the fabrication of small-scale objects and pieces of jewelry, and includes the study of ornamental design, its media, techniques, and processes. This course helps students develop expressive and technical skills in creating jewelry, using art metals, and exploring design concepts in form and surface decoration. This course presents a historical and contemporary view of using art metals and other elements in jewelry design and provides instruction in the critique process. Students participate in critiques of their jewelry and metal works, the jewelry and metal works of others, and those by professional jewelers and gemologists for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA166SGS[1,2]
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JEWELRY II

COURSE DESCRIPTION: Jewelry II helps students apply fundamental processes of artistic expression to the fabrication of small-scale objects and pieces of jewelry, and includes the study of ornamental design, its media, techniques, and processes. This course helps students develop expressive and technical skills in creating jewelry, using art metals, and exploring design concepts in form and surface decoration. This course presents a historical and contemporary view of using art metals and other elements in jewelry design and provides instruction in the critique process. Students participate in critiques of their jewelry and metal works, the jewelry and metal works of others, and those by professional jewelers and gemologists for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA166SGS[3,4]
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JEWELRY III

COURSE DESCRIPTION: Jewelry III helps students apply fundamental processes of artistic expression to the fabrication of small-scale objects and pieces of jewelry, and includes the study of ornamental design, its media, techniques, and processes. This course helps students develop expressive and technical skills in creating jewelry, using art metals, and exploring design concepts in form and surface decoration. This course presents a historical and contemporary view of using art metals and other elements in jewelry design and provides instruction in the critique process. Students participate in critiques of their jewelry and metal works, the jewelry and metal works of others, and those by professional jewelers and gemologists for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA166SGS[5,6]
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FINE & PERFORMING ARTS

JEWELRY IV

COURSE DESCRIPTION: Jewelry IV helps students apply fundamental processes of artistic expression to the fabrication of small-scale objects and pieces of jewelry, and includes the study of ornamental design, its media, techniques, and processes. This course helps students develop expressive and technical skills in creating jewelry, using art metals, and exploring design concepts in form and surface decoration. This course presents a historical and contemporary view of using art metals and other elements in jewelry design and provides instruction in the critique process. Students participate in critiques of their jewelry and metal works, the jewelry and metal works of others, and those by professional jewelers and gemologists for the purpose of reflecting on and refining work for presentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA166SGS[7,8]
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IB JEWELRY I

COURSE DESCRIPTION: IB Jewelry I helps students apply advanced processes of artistic expression to the fabrication of small-scale objects and pieces of jewelry, and includes the study, theory, and creation of ornamental design, its media, techniques, and processes. This course helps students develop expressive and technical skills in creating jewelry, using art metals, and exploring design concepts in form and surface decoration. This course requires students to engage in the historical and contemporary view of using art metals and other elements in jewelry design and provides instruction in the critique process. Students participate in critiques of their jewelry and metal works, the jewelry and metal works of others, and those by professional jewelers and gemologists for the purpose of reflecting on and refining work for fulfillment of the International Baccalaureate requirements.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA166SIS[1,2]
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IB JEWELRY II

COURSE DESCRIPTION: IB Jewelry II helps students apply advanced processes of artistic expression to the fabrication of small-scale objects and pieces of jewelry, and includes the study, theory, and creation of ornamental design, its media, techniques, and processes. This course helps students develop expressive and technical skills in creating jewelry, using art metals, and exploring design concepts in form and surface decoration. This course requires students to engage in the historical and contemporary view of using art metals and other elements in jewelry design and provides instruction in the critique process. Students participate in critiques of their jewelry and metal works, the jewelry and metal works of others, and those by professional jewelers and gemologists for the purpose of reflecting on and refining work for fulfillment of the International Baccalaureate requirements.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA166SIS[3,4]
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MADRIGALS

COURSE DESCRIPTION: Madrigals is an audition-based choral group in which, students develop vocal techniques and refine their ability to sing parts in a small ensemble. Course goals may include helping students develop their craft in the ensemble literature of madrigals.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA111MGS[1,2]
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MARCHING BAND

COURSE DESCRIPTION: Courses in Marching Band are intended to develop students' technique for playing brass, woodwind, and percussion instruments and cover appropriate band literature styles, primarily for marching performances.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA103SGS[1,2]
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FINE & PERFORMING ARTS

MICHIGAN ARCHITECTURAL PREP PROGRAM, TP

COURSE DESCRIPTION: This course is designed around a college-level architecture course curriculum that focuses on architecture, urbanism, and design-related fields. Students meet for three hours per day, five days a week over the course of a semester. The ArcPrep program focuses on Architecture Studio – a college-level course for high school credit focused on architecture and robust assignments in mathematics and visual art, Career Exposure Module (CEM) – career-focused exposure to professional architecture and design practices, the places of work, and direct engagement with practitioners, and Career Counseling Module (CCM) – Individual and collective career counseling that includes workshops on post-secondary education, financing college, and producing an effective college application essay and portfolio.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SA192AGS1

MODERN DANCE I

COURSE DESCRIPTION: Modern Dance courses provide students with ongoing training in modern dance and emphasize improving students' technique.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA016SGS[1,2]

MODERN DANCE II

COURSE DESCRIPTION: Modern Dance courses provide students with ongoing training in modern dance and emphasize improving students' technique.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA016SGS[3,4]

MODERN DANCE III

COURSE DESCRIPTION: Modern Dance courses provide students with ongoing training in modern dance and emphasize improving students' technique.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA016SGS[5,6]

MODERN DANCE IV

COURSE DESCRIPTION: Modern Dance courses provide students with ongoing training in modern dance and emphasize improving students' technique.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA016SGS[7,8]

MULTICULTURAL DANCE

COURSE DESCRIPTION: This course builds students' knowledge of dance as an art form while exploring and demonstrating the dance styles of selected cultures or historical periods. Students will analyze, evaluate, and perform dance of different genres representing cultures or time periods and works of dance innovators from various time periods.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA001MGS[1,2]

FINE & PERFORMING ARTS

MUSIC APPRECIATION

COURSE DESCRIPTION: Music Appreciation provides students with an understanding of music and its importance in their lives. Course content focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA118SGS[1,2]
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MUSIC HISTORY

COURSE DESCRIPTION: Music History provides students with an understanding of music, its importance, and context in a selected range of historical periods and/or cultural styles. Students also have the ability for informal music performance and creation within the classroom.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SA117SGS1
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AP MUSIC THEORY

COURSE DESCRIPTION: The AP Music Theory course corresponds to two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sight singing, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA114SAS[1,2]
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MUSIC THEORY I

COURSE DESCRIPTION: Music Theory I provides students with an understanding of the fundamentals of music and includes the following topics: composition, arranging, analysis, aural development, and sight reading.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA113SGS[1,2]
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MUSIC THEORY II

COURSE DESCRIPTION: Music Theory II provide students with a refinement of the fundamentals of music and includes the following topics: composition, arranging, analysis, aural development, and sight reading.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA113SGS[3,4]
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IB MUSIC

COURSE DESCRIPTION: IB Music courses prepare students to take the International Baccalaureate Music exams. IB Music courses develop students' knowledge and understanding of music through study of musical perception, including study of musical elements, form and structure, notations, musical terminology, and context. These courses include exploration of music from different places, cultures, and time periods. They also involve training in at least one of the following: creating, solo performing, and group performing.

Prerequisite: Open to students who qualify for IB courses

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA115SIS[1,2]
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FINE & PERFORMING ARTS

IB MUSIC HISTORY

COURSE DESCRIPTION: IB Music History prepares students to take the International Baccalaureate Music History exam. IB Music History develops students' knowledge and understanding of musical history through study of musical perception, including study of time, place, social and historical events, musical conventions and structure, notations, musical terminology, and context. Students also have the ability for informal music performance and creation within the classroom.

Prerequisite: Open to students who qualify for IB courses

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA117SIS[1,2]
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MUSICAL THEATRE I

COURSE DESCRIPTION: Musical Theatre I provides students with the opportunity to explore and/or participate in various aspects of musical theater, including auditioning, singing, acting, and dancing. This course reviews the history and evolution of musical theatre, its literature and artists, and styles of composition and vocal presentation. Students work collaboratively on performances, including solo, duet, and ensemble work.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA060SGS[1,2]
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MUSICAL THEATRE II

COURSE DESCRIPTION: Musical Theatre II provides students with the opportunity to participate in advanced studies involving various aspects of musical theater, including auditioning, singing, acting, and dancing. This course requires a deep dive into the history and evolution of musical theatre, its literature and artists, and styles of composition and vocal presentation. Students work collaboratively on performances, including solo, duet, and ensemble work.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA060SGS[3,4]
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OBSERVATIONAL DRAWING

COURSE DESCRIPTION: Observational Drawing provides a foundation in observational drawing using a variety of techniques in both black and white and color, emphasizing observation and interpretation of the visual environment and life drawing. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA155OGS[1,2]
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ORCHESTRA I

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA104SGS[1,2]
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ORCHESTRA II

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA104SGS[3,4]
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FINE & PERFORMING ARTS

ORCHESTRA III

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA104SGS[5,6]

ORCHESTRA IV

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA104SGS[7,8]

IB ORCHESTRA I

COURSE DESCRIPTION: IB Orchestra I is an advanced performance-based ensemble requiring permission of the instructor to enroll. The emphasis is on developing individual and ensemble skills, while building musical strength and sensitivity. This is a rigorous course, designed to prepare students for success in college level music programs. Before and after school rehearsals and performances and private instruction are required.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	11–12	SA104SIS[1,2]

IB ORCHESTRA II

COURSE DESCRIPTION: IB Orchestra II is an advanced performance-based ensemble requiring permission of the instructor to enroll. The emphasis is on continuing and refining individual and ensemble skills, while building musical strength and sensitivity. This is a rigorous course, designed to prepare students for success in college level music programs. Before and after school rehearsals and performances and private instruction are required.

Prerequisite: Open to all with permission of instructor

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	11–12	SA104SIS[3,4]

PAINTING I

COURSE DESCRIPTION: Painting I provides a foundation in painting using a variety of techniques and media (such as watercolor, tempera, oils, acrylics), emphasizing observation and interpretation of the visual environment, life drawing, and imaginative painting. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA157SGS[1,2]

FINE & PERFORMING ARTS

PAINTING II

COURSE DESCRIPTION: Painting II provides a foundation in painting using a variety of techniques and media (such as watercolor, tempera, oils, acrylics), emphasizing observation and interpretation of the visual environment, life drawing, and imaginative painting. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. Advanced courses encourage students to refine their creative processes and develop their own artistic styles following and breaking from traditional conventions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA157SGS[3,4]

PAINTING III

COURSE DESCRIPTION: Painting III provides a foundation in painting using a variety of techniques and media (such as watercolor, tempera, oils, acrylics), emphasizing observation and interpretation of the visual environment, life drawing, and imaginative painting. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. Advanced courses encourage students to refine their creative processes and develop their own artistic styles following and breaking from traditional conventions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA157SGS[5,6]

PAINTING IV

COURSE DESCRIPTION: Painting IV provides a foundation in painting using a variety of techniques and media (such as watercolor, tempera, oils, acrylics), emphasizing observation and interpretation of the visual environment, life drawing, and imaginative painting. This course includes applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. Advanced courses encourage students to refine their creative processes and develop their own artistic styles following and breaking from traditional conventions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA157SGS[7,8]

PERCUSSION

COURSE DESCRIPTION: Percussion provides individuals with instruction in percussion instrumental literature and techniques. This course may be conducted either individually or in a small group; formal and informal performances are typically included as well as experiences in creating and responding to music.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA109PGS[1,2]

PHOTOGRAPHY I

COURSE DESCRIPTION: Photography I provides students with an understanding of photographic media, techniques, and processes. This course focuses on development of photographic compositions through manipulation of the fundamental processes of artistic expression. Students learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. Photography courses also include the history of photography, historic movements, image manipulation, critical analysis, and some creative special effects. Students engage in critiques of their photographic images, the works of other students, and those by professional photographers for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA167SGS[1,2]

FINE & PERFORMING ARTS

PHOTOGRAPHY II

COURSE DESCRIPTION: Photography II provides students with an understanding of photographic media, techniques, and processes. This course focuses on development of photographic compositions through manipulation of the fundamental processes of artistic expression. Students learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. Photography courses also include the history of photography, historic movements, image manipulation, critical analysis, and some creative special effects. Students engage in critiques of their photographic images, the works of other students, and those by professional photographers for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA167SGS[3,4]

PHOTOGRAPHY III

COURSE DESCRIPTION: Photography III provides students with an understanding of photographic media, techniques, and processes. This course focuses on development of photographic compositions through manipulation of the fundamental processes of artistic expression. Students learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. Photography courses also include the history of photography, historic movements, image manipulation, critical analysis, and some creative special effects. Students engage in critiques of their photographic images, the works of other students, and those by professional photographers for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA167SGS[5,6]

PHOTOGRAPHY IV

COURSE DESCRIPTION: Photography IV provides students with an understanding of photographic media, techniques, and processes. This course focuses on development of photographic compositions through manipulation of the fundamental processes of artistic expression. Students learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. Photography courses also include the history of photography, historic movements, image manipulation, critical analysis, and some creative special effects. Students engage in critiques of their photographic images, the works of other students, and those by professional photographers for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA167SGS[7,8]

PIANO I

COURSE DESCRIPTION: Piano I provides students an introduction to, and refines the fundamentals of, music and keyboard including literature and techniques such as scales, chords, and melodic lines and instruction in more advanced techniques. Formal and informal performances are included as well as experiences in creating and responding to music.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA107SGS[1,2]

PIANO II

COURSE DESCRIPTION: Piano II provides students the opportunity to refine the fundamentals of music and keyboard including literature and techniques such as scales, chords, and melodic lines and instruction in more advanced techniques. Formal and informal performances are included as well as experiences in creating and responding to music.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA107SGS[3,4]

FINE & PERFORMING ARTS

PIANO III

COURSE DESCRIPTION: Piano III provides students the opportunity to refine the fundamentals of music and keyboard including literature and techniques such as scales, chords, and melodic lines and instruction in more advanced techniques. Formal and informal performances are included as well as experiences in creating and responding to music.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA107SGS[5,6]

PIANO IV

COURSE DESCRIPTION: Piano IV provides students the opportunity to refine the fundamentals of music and keyboard including literature and techniques such as scales, chords, and melodic lines and instruction in more advanced techniques. Formal and informal performances are included as well as experiences in creating and responding to music.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA107SGS[7,8]

SCULPTURE I

COURSE DESCRIPTION: Sculpture I promotes creative expression through three-dimensional works. These courses explore representational and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. Sculpture courses include the production of representational and abstract sculptures while incorporating elements of art and principles of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective. These courses also provide instruction in the process of responding to art through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA158SGS[1,2]

SCULPTURE II

COURSE DESCRIPTION: Sculpture II promotes creative expression through three-dimensional works. These courses explore representational and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. Sculpture courses include the production of representational and abstract sculptures while incorporating elements of art and principles of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective. These courses also provide instruction in the process of responding to art through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA158SGS[3,4]

SCULPTURE III

COURSE DESCRIPTION: Sculpture III promotes creative expression through three-dimensional works. These courses explore representational and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. Sculpture courses include the production of representational and abstract sculptures while incorporating elements of art and principles of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective. These courses also provide instruction in the process of responding to art through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA158SGS[5,6]

FINE & PERFORMING ARTS

SCULPTURE IV

COURSE DESCRIPTION: Sculpture IV promotes creative expression through three-dimensional works. These courses explore representational and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. Sculpture courses include the production of representational and abstract sculptures while incorporating elements of art and principles of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective. These courses also provide instruction in the process of responding to art through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA158SGS[7,8]

STAGECRAFT

COURSE DESCRIPTION: Stagecraft provides students with an understanding of the various aspects of theatrical production, including lighting, costuming, sound, set construction, makeup, stage management, and the use of computer and media-based applications. This course prepares students to engage in the hands-on application of these production elements in design and technology courses.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA056SGS[1,2]

STAGECRAFT - STAGE DESIGN I

COURSE DESCRIPTION: Stage Design I provides students with an understanding of the various aspects of theatrical production, including lighting, costuming, sound, set construction, makeup, stage management, and the use of computer and media-based applications. The course prepare students to engage in the hands-on application of these production elements in design and technology courses including the design of light and sound and the rendering of light and sound onto a space/set, as well as the basic aspects of technician work, such as lighting grids, call sheets, and sound balancing.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA056SGS[3,4]

STAGECRAFT - STAGE DESIGN II

COURSE DESCRIPTION: Stage Design II offers the more advanced aspects of designing, rendering, and set-building. Aspects of the course include exploring the production process through discussion with directors and producers, the rendering and building of scale models, and building of sets from models.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA056SGS[5,6]

STRINGS

COURSE DESCRIPTION: Strings courses provide students an introduction to, and refine the fundamentals of, music and bowed-string instrument literature and techniques and may include more advanced techniques. These courses teach students the appropriate care, handling, and maintenance of musical instruments. Formal and informal performances are included as part of string instrument instructional programs as well as experiences in creating and responding to music.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SA120SGS[1,2]

FINE & PERFORMING ARTS

AP STUDIO ART: 2-D DESIGN

COURSE DESCRIPTION: AP Studio Art: 2-D Design is designed for students with a professional or academic interest in two-dimensional art. These courses focus on a variety of concepts and approaches in drawing and 2-D design, enabling students to demonstrate a range of abilities and versatility with media, technique, problem solving, and scope. Such conceptual variety can be demonstrated through the use of one or several media. Students refine their skills and create artistic works to submit via a portfolio to the College Board for evaluation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA174SAS[1,2]
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AP STUDIO ART: 3-D DESIGN

COURSE DESCRIPTION: AP Studio Art: 3-D Design is designed for students with a professional or academic interest in three-dimensional art. These courses focus on a variety of concepts and approaches in 3-D design and creation, enabling students to demonstrate a range of abilities and versatility with media, technique, problem solving, and scope. They can demonstrate such conceptual variety through the use of one or several media. Students refine their skills and create artistic works to submit via portfolio to the College Board for evaluation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA175SAS[1,2]
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AP STUDIO ART: DRAWING

COURSE DESCRIPTION: AP Studio Art: Drawing is designed for students with a professional or academic interest in Drawing. This course focuses on a variety of concepts and approaches in drawing and creation, enabling students to demonstrate a range of abilities and versatility with media, technique, problem solving, and scope. They can demonstrate such conceptual variety through the use of one or several media. Students refine their skills and create artistic works to submit via portfolio to the College Board for evaluation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA172SAS[1,2]
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SYMPHONIC BAND I

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA104YGS[1,2]
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SYMPHONIC BAND II

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA104YGS[3,4]
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SYMPHONIC BAND III

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA104YGS[5,6]
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FINE & PERFORMING ARTS

SYMPHONIC BAND IV

COURSE DESCRIPTION: Orchestra courses help develop students' technique for playing strings along with woodwind, brass, and percussion instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA104YGS[7,8]
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THEATRE - DIGITAL MEDIA

COURSE DESCRIPTION: The Theatre–Digital Media course is a mix of dramaturgy and theatrical techniques beyond the stage. This course requires students to perform collaboratively, be involved in the critique of dramatic works, and learn methods for self-expression including broadcasting for the camera, self-taping, individual storytelling (specifically for children), interviewing and podcasting, and writing and producing devised theatre/performance art.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA052SGS[1,2]
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THEATRICAL PRODUCTION AND MANAGEMENT

COURSE DESCRIPTION: Theatrical Production and Management courses prepare students to manage the planning, design, preparation, and production of plays and other theatrical performances. Course content may include instruction in theatrical design, program management, dramatic production, rehearsal management, personnel management and casting, actor coaching, directing concepts and techniques, dramaturgy, script interpretation, business management, marketing, public relations, and communications skills.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA061SGS[1,2]
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THEATRICAL PRODUCTION AND MANAGEMENT II

COURSE DESCRIPTION: This course provides students with an understanding of the many aspects of theatrical business including managing, self-promotion, programming, marketing, fundraising, and budgeting.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA061SGS[3,4]
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THEATRE - SENIOR SEMINAR

COURSE DESCRIPTION: The emphasis of this college preparatory class is audition preparation and personal portfolio presentation. In this course students will lead senior projects consisting of selecting, directing, and mounting performance presentations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA099SGS[1,2]
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TREBLE VOCAL ENSEMBLE

COURSE DESCRIPTION: Treble Vocal Ensemble is an audition-based choir which develops students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. This sequence of courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA111TGS[1,2]
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FINE & PERFORMING ARTS

TREBLE AND BASS VOCAL ENSEMBLE

COURSE DESCRIPTION: Treble and Bass Vocal Ensemble is an audition-based choir which develops students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. This sequence of courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA111BGS[1,2]
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AP/IB VISUAL ARTS: STUDIO 2D

COURSE DESCRIPTION: See course descriptions for the individual AP and individual IB versions of this course: IB Color & Design, IB Visual Arts I, IB Visual Arts II, AP Art—History of Art, AP Studio Art: 2-D Design, AP Studio Art - Drawing

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11-12	COURSE CODE: SA173SIS[1,2]
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AP/IB VISUAL ARTS: STUDIO 3D

COURSE DESCRIPTION: See course descriptions for the individual AP and individual IB versions of this course: IB Fibers and Textile Design I and II, IB Visual Arts I, IB Visual Arts II, AP Art—History of Art, AP Studio Art: 3-D Design

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11-12	COURSE CODE: SA173SIS[3,4]
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VISUAL ARTS - 2D

COURSE DESCRIPTION: Visual Art: 2-D is designed for students to learn the fundamentals of two-dimensional art. This course focuses on a variety of concepts and approaches in drawing and 2-D design, enabling students to demonstrate a range of abilities and versatility with media, technique, problem solving, and scope. Such conceptual variety can be demonstrated through the use of one or several media.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA199AGS[1,2]
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VISUAL ARTS - 3D

COURSE DESCRIPTION: Visual Art: 3-D is designed for students to learn the fundamentals of three-dimensional art. These courses focus on a variety of concepts and approaches in 3-D design and creation, enabling students to demonstrate a range of abilities and versatility with media, technique, problem solving, and scope. They can demonstrate such conceptual variety through the use of one or several media. Students refine their skills and create artistic works to submit via portfolio to the College Board for evaluation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9-12	COURSE CODE: SA199BGS[1,2]
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IB VISUAL ARTS I

COURSE DESCRIPTION: IB Visual Arts courses prepare students to take the International Baccalaureate (IB) Visual Arts exams. IB Visual Arts courses provide experiences that develop students' aesthetic and creative faculties, provide experiences in various visual art forms, offer training in awareness and criticism of art, and enable students to create their own quality works of art. Students perform both studio and research work; the research component is designed to investigate particular topics or concepts of interest in further detail. These courses were formerly known as IB Art/Design.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11-12	COURSE CODE: SA173SIS[1,2]
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FINE & PERFORMING ARTS

IB VISUAL ARTS II

COURSE DESCRIPTION: IB Visual Arts courses prepare students to take the International Baccalaureate (IB) Visual Arts exams. This is the second course in this sequence. IB Visual Arts courses provide experiences that develop students' aesthetic and creative faculties, provide experiences in various visual art forms, offer training in awareness and criticism of art, and enable students to create their own quality works of art. Students perform both studio and research work; the research component is designed to investigate particular topics or concepts of interest in further detail. These courses were formerly known as IB Art/Design.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SA173SIS[3,4]
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VISUAL ARTS - COMPREHENSIVE

COURSE DESCRIPTION: Visual Arts—Comprehensive enables students to explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and to create individual works of art. This initial course emphasizes observations, interpretation of the visual environment, visual communication, imagination, and symbolism. This course covers the language, materials, media, and processes of various art forms and the design elements.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA154SGS[1,2]
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VOCAL JAZZ

COURSE DESCRIPTION: This course is offered to students on a recommendation and audition basis. Students will explore music of the masters as well as contemporary composers and arrangers. They'll explore the lives of these composers, and their historical periods. Students will be able to:

- Sight-sing with 100% degree of proficiency on the MSVMA Intermediate/advanced level.
- Show improved knowledge of the jazz, blues, R&B and pop styles.
- Perform in music department concerts, masterclasses, recitals, and other engagements arranged by instructor.
- Demonstrate an understanding of good singing posture and vocal technique.
- Show strong improvement of aural skills.
- Demonstrate how interests, knowledge, and skills relate to intent when creating, performing, and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA121SGS[1,2]
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VOCAL ENSEMBLE

COURSE DESCRIPTION: Vocal Ensemble courses help students develop vocal techniques and refine their ability to sing parts in small ensembles (e.g., madrigal, barber shop, gospel). Course goals may include helping students develop their solo singing ability and emphasize one or several ensemble literature styles. These ensembles may include both instrumental and vocal music and include experiences in creating and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA111SGS[1,2]
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VOICE STUDIO

COURSE DESCRIPTION: This course is designed to teach students the fundamentals of solo singing. Students will gain tools to aid them in efficiently and effectively learning solo repertoire. They'll have the opportunity to develop a diverse repertoire of solos to select from when auditioning for college music programs and vocal competitions. Students will be able to:

- Perform in instructor arranged community performances, local, regional, state and national competitions, department recitals, masterclasses, and other performances suitable for solo performance.
- Demonstrate how interests, knowledge, and skills relate to intent when creating, performing, and responding to music.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA112SGS[1,2]
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FINE & PERFORMING ARTS

WINDS

COURSE DESCRIPTION: Winds (or woodwinds) provides individuals with instruction in wind (woodwind) instrumental literature and techniques. This course may be conducted either individually or in a small group; formal and informal performances are typically included as well as experiences in creating and responding to music.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing Arts	0.5	Year	9–12	SA109WGS[1,2]

TRANSPORTATION, DISTRIBUTION, & LOGISTICS

AVIATION I

COURSE DESCRIPTION: This initial course will provide the foundation for advanced exploration in the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem-solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will gain an understanding of career opportunities in aviation and aerospace and the critical issues affecting the aviation system. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SN053SGS[1,2]

AVIATION II

COURSE DESCRIPTION: This course is designed to deepen students understanding and working knowledge of careers in Aviation. Advanced simulators are used to teach flying skills as part of the curriculum during class. Students will rotate through different labs that help them foster technical skills through hands-on group work. These settings gives students the chance to be in leadership roles as the "foreman" of the class or "crew chief" of their small group. Students will continue the exploration of their pathway through projects, and work-based learning experiences.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SN053SGS[3,4]

BUSINESS & MARKETING

BUSINESS AND OFFICE CAREER EXPLORATION

COURSE DESCRIPTION: The Business and Office Career Exploration course engages students in activities that will allow them to explore careers and develop the necessary skills to make meaningful decisions about their career choice. This course is designed to help students explore career pathways and gain knowledge about the expectations, skills, training, and education required by careers in business. Topics include functional office task such as answering phones, filing, Microsoft programs, and customer services.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SB001SGS[1,2]

BUSINESS LAW

COURSE DESCRIPTION: This course is designed to provide students with an overview of our legal system, including statutes and regulations that affect businesses, families, and individuals in a variety of ways. Areas of study will include how laws were formed, procedures in civil and criminal cases, making contracts, terminating contracts, responsibilities of minors, being a consumer, purchasing power, purchasing insurance, personal and real property rights, starting a business and leadership skills.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Visual & Performing	0.5	Year	9–12	SB054SGS[1,2]

BUSINESS & MARKETING

IB BUSINESS LAW

COURSE DESCRIPTION: This course provides students with an understanding of the legal framework. Topics covered include the history, development, and classification of laws, personal and business law related to everyday life, contract law, the court system and courtroom procedures, legal terminology, constitutional rights, ethics, technology law, intellectual property, social responsibility, international law, and consumer protection.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SB054SIS[1,2]
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BUSINESS MANAGEMENT I

COURSE DESCRIPTION: This course provides opportunities to learn and experience a variety of topics in the field of business. Students are exposed to various economies, their roles in our economy, entrepreneurship, marketing, managing financial and technological resources, and the use of social media. Course activities involve students in writing, investigating, problem-solving, demonstrating, and reporting. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SB052SGS[1,2]
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BUSINESS MANAGEMENT II

COURSE DESCRIPTION: This course deepens students understanding and working knowledge of business management principles. Students learn to apply the five principles of planning, organizing, staffing, leading, and controlling. Topics also include ethics and social responsibility, international business, and business law. Project- and work-based learning opportunities will be integrated where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SB052SGS[3,4]
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IB BUSINESS MANAGEMENT

COURSE DESCRIPTION: The IB Business Management course engages students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards. Students will learn to analyze, discuss and evaluate business activities at local, national, and international levels. The course covers a range of organizations from all sectors, as well as the sociocultural and economic contexts in which those organizations operate. The course covers the key characteristics of business organization and environment, and the business functions of human resource management, finance and accounts, marketing and operations management.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SB059SIS[1,2]
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FINANCIAL LITERATURE

COURSE DESCRIPTION: Students learn about financial institutions, products and concepts. Activities and interactive lessons are utilized to help students make wise financial decisions and manage their finances.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SB101LGS1
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IB FINANCIAL LITERATURE

COURSE DESCRIPTION: This advanced course will help students develop an understanding of business and financial theories and practices. A wide range of financial concepts will be explored with an emphasis placed on strategic decision-making in daily business functions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SB101LIS1
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BUSINESS & MARKETING

INTERNATIONAL BUSINESS

COURSE DESCRIPTION: This course focuses on a wide range of international business topics including the essentials of managing organizations, business economics, marketing and accounting.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SB056SGS1

IB INTERNATIONAL BUSINESS

COURSE DESCRIPTION: In this advanced course, students to discuss, analyze, and evaluate business actions at the local, national, and international levels. The course introduces students to a range of organizations from all industry sectors and the socio-cultural and economic contexts in which the industries operate.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SB056SIS1

INTRO TO ENTREPRENEURSHIP

COURSE DESCRIPTION: This course focuses on recognizing a business opportunity, starting a business, operating and maintaining a business. Students will be exposed to the development of critical thinking, problem solving, and innovation in this course as they will either be the business owner or individuals working in a competitive job market in the future. Integration of accounting, finance, marketing, business management, legal, and economic environments will be developed throughout projects in this course. Work-based learning experiences will be included where possible.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SB053SGS[1,2]

MARKETING AND ENTREPRENEURSHIP I

COURSE DESCRIPTION: This initial course is the gateway to a career in business, marketing, and management. Students will gain an understanding of the role marketing plays in the global economy and its importance. Students will apply creative thinking skills in the areas of social media, selling, promotion, strategic market planning, product/service planning, and career exploration. Career related activities, projects, and work-based learning experiences are included, where possible.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SB164EGS[1,2]

MARKETING AND ENTREPRENEURSHIP II

COURSE DESCRIPTION: This course provides a deeper understanding of marketing, management, and entrepreneurship. Marketing concepts including salesmanship, interviewing, merchandising, management, retailing, and promotion. Career related activities, projects, and work-based learning experiences are included, where possible.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SB164EGS[3,4]

OFFICE AND ADMINISTRATIVE TECHNOLOGIES

COURSE DESCRIPTION: The Office and Administrative Technologies course engages students in activities that help prepare them for entry-level positions as administrative assistants and office specialists in variety of professional settings. Students will learn essential business skills while focusing on professional development and information management.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SB003SGS[1,2]

CAREER PATHWAYS

CAREER EXPLORATION

COURSE DESCRIPTION: This course is designed to help students explore their career interests and introduce them to career pathways available at the school while studying the options they have for education, careers, and the world of work. The course will cover the career development process including self-awareness, career awareness, exploration and preparation. Students will set goals, develop plans of study, improve communication, identify leadership qualities, develop a resume and interviewing skills. Students will also understand a variety of career clusters, attributes and aptitudes needed in particular types of occupations and careers.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9

COURSE CODE:
SZ151PGS[1,2]

CAREER PREPARATION, JAG

COURSE DESCRIPTION: This course is only available for students enrolled in Jobs for America's Graduates. Students work daily on building competencies in career-related skills, such as resume writing, interviewing for jobs, time management, verbal and written communication, team leadership, goal-setting, computer skills, and financial literacy.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SU001OGS[1,2]

CAREER PREPARATION

COURSE DESCRIPTION: This course is available for students enrolled in Urban Alliance. Students participate in job-readiness pre-work sessions and are assigned to an employment site for their work-based learning experience.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Year

GRADES:
12

COURSE CODE:
SZ998UGS[1,2]

COMMUNITY HEALTH SERVICES

COURSE DESCRIPTION: This course introduces students to the concept of service as a critical component of a hospitality or tourism business. It combines current theory and practice with observations of customer service in action, role-play, and critical analysis of models. Topics include trends, the psychology of interactions between customers and providers, the phases of customer service, common mistakes, internal customer service, management, and customer feedback. Students begin to appreciate how the quality of customer service has wide-ranging implications for all professional endeavors.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
11–12

COURSE CODE:
SB999PGS

ENGINEERING DESIGN III

COURSE DESCRIPTION: Students will use design thinking to explore the engineering process and create products as solutions to real life problems. Students will utilize a range of tools and physical materials to design prototypes while gaining knowledge and experience in basic electrical, digital, and mechanical engineering.

Prerequisite: Engineering Design I AND Engineering Design II

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
ST007PGS[1,2]

FIREFIGHTER 1

COURSE DESCRIPTION: The course will be in partnership with Detroit Fire Department and will cover the basic skills needed to enter the DFD academy and fire safety in general.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Physical Education

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
10–12

COURSE CODE:
SG152PGS1

CAREER PATHWAYS

FUNDAMENTALS OF GIS

COURSE DESCRIPTION: GIS (Geographic Information Systems) is a computer-based tool that uses spatial (geographic) data to analyze and solve real-world problems. This course is designed to introduce the student to the basic introductory principles and techniques of GIS.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
ST058PGS2

GLOBAL HEALTH

COURSE DESCRIPTION: Global Health introduces students to public health on a global scale. Students learn what disease is and investigate how it impacts world populations. By studying different societies, they learn about the relationship between health and socioeconomic development. Students learn how environmental, nutritional, and behavioral risk factors jeopardize health. And then they learn how communities, the government, and cooperative global efforts can intervene to improve health. Wherever possible, students first study each concept as it applies to their own community, and then look at it in a more global context. In many lessons students practice deciphering and interpreting the data they find in tables, charts, graphs, and maps. Students are exposed to working with information compiled by the foremost global health agencies, such as the World Health Organization, the Centers for Disease Control and Prevention, the World Bank, and UNICEF. At the conclusion of the course, students have a chance to explore what it would be like to have a career in global health.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
11–12

COURSE CODE:
SH303PGS

INTRO TO 3D MODELING

COURSE DESCRIPTION: Students will learn basic modeling, basic scene construction and animation, and basic 3D production, processes, and deliverables.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1

COURSE LENGTH:
Semester

GRADES:
9

COURSE CODE:
SI251PGS

INTRO TO COACHING

COURSE DESCRIPTION: Coaching courses emphasize the responsibilities, duties, and problems in training and instructing athletes and athletic teams. Course topics typically include principles of behavior, teaching, physical and mental training, and team management. Different coaching philosophies, outcomes, and styles may also be covered.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SP018PGS1

MULTIMEDIA DESIGN

COURSE DESCRIPTION: Students will convey a cohesive message across mediums and demonstrate an introductory understanding of vector drawing, bitmap drawing, animation/motion, and video/audio tools. They will demonstrate an understanding of visual design elements and principles, and use it to wireframe and prototype with design methodology. Students will produce print, video, and interactive media.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SI205PGS

REAL ESTATE INVESTMENT

COURSE DESCRIPTION: This course provides a close look at professional branding, lead management, relationship marketing, and the importance of technology. Emphasis may be placed on promotional strategies, social media marketing technologies, direct selling, and general marketing principals for real estate.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SB154PGS1

CAREER PATHWAYS

SOCIOLOGY OF SPORTS

COURSE DESCRIPTION: This course examines institutionalized sports from a sociological perspective. Gender, race, and social class will be the primary topics from which to understand sports as a social institution. This course is intended to help you develop a better understanding of how sports is related to broader sociological processes in society, with special focus on community, as well as on gender and race.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SH259PGS1

SPORTS ANALYTICS

COURSE DESCRIPTION: There will be three main topics in the course: measuring and predicting player and team performance, decision-making and strategy in sports, and fantasy sports and sports betting. Typical questions addressed in sports analytics include: How to rank players or teams? How to predict future performance of players or teams? How much is a player on a team worth? How likely are extreme performances, i.e., streaks? Are there hot-hands in sports performances? Which decision is more likely to lead to a win (e.g., attempt a stolen base or not in baseball, punt or go for it on fourth down in football, dump and chase or not in hockey, pull the goalie or not in hockey)? How to form lineups in daily fantasy sports? How to manage money in sports betting? How to analyze various "prop" bets?

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SM205PGS1

SPORTS MARKETING

COURSE DESCRIPTION: Sports Marketing allows students to develop techniques for various marketing campaigns, to grow a customer base, and to attract sponsors related to sporting events. Students also learn various techniques to improve fan engagement.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SB001PGS1

SPORTS MEDIA

COURSE DESCRIPTION: This course is an introduction to the specialized field of sports journalism, reporting on high school, college, professional major sports, and Olympic sports. Students will interact with sports journalists from various media, and write and produce sports stories in multi-media formats.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SK101PGS1

SPORTS MEDICINE

COURSE DESCRIPTION: This course provides high school students with a general overview of athletic training, sports medicine, and its history. It includes introductory information about the AT's scope of practice: injury prevention, treatment, rehabilitation, emergency injury management, and administrative functions. This course is intended to help students gain an understanding of sports medicine, various associated disciplines, and the role they play in the physically active community. Students enrolled in this class will not provide patient care.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SO062PGS1

COMPUTER SCIENCE & STEM

ACADEMIC GAMES (9–12)

COURSE DESCRIPTION: This course is designed to support the District's Academic Games initiative. Students in grades 9-12 are encouraged to enroll into this elective course if they desire to represent their schools and compete in Academic Games in district, regional, and/or national competitions in Equations, On-Sets, Wff N' Proof, LinguisHTIK, On-Words, Presidents, Propaganda, and/or Theme/Current Events (World Card).

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM999GGS[1,2]
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AP COMPUTER SCIENCE A

COURSE DESCRIPTION: AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI157SAS[1,2]
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CHESS (9–12)

COURSE DESCRIPTION: This course is designed to support the District's Chess initiative. Students will learn the principles of chess, how the pieces move, value of the pieces, tactics, and opening, middle, and endgame theory. Students in grades 9-12 are encouraged to enroll into this elective course and may have the opportunity to represent their school's chess team and compete in the Metro Detroit Scholastic Chess League (City League), State, Regional and possible National Competition.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SZ999SGS1
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COMPUTER PROGRAMMING

COURSE DESCRIPTION: Students are introduced to object-oriented programming and basic concepts in software development, including classes, inheritance, control structures, simple data structures, and objects. A lab section provides hands-on experience solving common programming problems.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI152SGS[1,2]
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COMPUTER PROGRAMMING, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Foundations of Programming. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI152VRS1E
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AP COMPUTER SCIENCE PRINCIPLES

COURSE DESCRIPTION: In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI019SAS[1,2]
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COMPUTER SCIENCE & STEM

COMPUTER SCIENCE PRINCIPLES

COURSE DESCRIPTION: In this course, Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI011SGS[1,2]
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COMPUTER SCIENCE PRINCIPALS, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Introduction to Computer Science. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI004VGS[1,2]
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IB COMPUTING STUDIES

COURSE DESCRIPTION: The IB Computer Studies course requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The course, underpinned by conceptual thinking, draws on a wide spectrum of knowledge, and enables and empowers innovation, exploration, and the acquisition of further knowledge. Students study how computer science interacts with and influences culture and society, how individuals and societies behave, and the ethical issues involved.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI159SIS[1,2]
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CYBERSECURITY

COURSE DESCRIPTION: This course will introduce students to Information Technology including foundational cybersecurity topics like computer networking fundamentals, software security, and basics of cryptography. Students are introduced to the Cyber Security field and its policies and procedures. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI020SGS[1,2]
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DIGITAL ELECTRONICS

COURSE DESCRIPTION: This course is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of all modern electronic devices such as cell phones, laptops, digital cameras, high definition televisions, etc.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST008SGS[1,2]
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DIGITAL MULTIMEDIA I

COURSE DESCRIPTION: This initial course is designed to educate students on a wide range of introductory topics including graphic design, animation, audio production, video production, and web design. Students develop skills to produce web-ready communications, learn graphic design principles, and website and app development. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI249IGS[1,2]
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COMPUTER SCIENCE & STEM

DIGITAL MULTIMEDIA II

COURSE DESCRIPTION: This course provides a deeper understanding of Digital Multimedia including film and video production techniques, graphic and website design with emphasis on composition, color theory, principles of design, and production. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI249IGS[3,4]
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EXPLORATION IN CODING

COURSE DESCRIPTION: Students will build their understanding of core computing concepts through interactive coding practices that help students gain familiarity with Python syntax and commands. Additional online and offline activities will challenge students to problem solve and think critically.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI152EGS[1,2]
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FOUNDATIONS OF INFORMATION TECHNOLOGY AND CYBERSECURITY

COURSE DESCRIPTION: This initial pathway course will introduce students to Information Technology including foundational cybersecurity topics like computer networking fundamentals, software security, and basics of cryptography. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI002IGS[1,2]
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FOUNDATIONS OF PROGRAMMING

COURSE DESCRIPTION: This course provides the core knowledge to begin programming. The course will cover creating small programs to explore conditions, loops, variables, and expressions. Students work with different types of data and begin to understand how they affect memory, writing modular code.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI152FGS[1,2]
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GAME DESIGN

COURSE DESCRIPTION: This course will focus on making production art functional in a video game environment. Students will learn the skills necessary to make their characters animatable and will obtain a thorough understanding of the different tasks that are associated with technical animation. In addition to contributing to the student's base of artistic and technical knowledge, this course will provide students with the knowledge necessary to create art that will function in a video game environment. Topics covered include: creating complex character rigs, working with motion capture files, the generation of sprite-based animation and effects, and the implementation of particle effects for use in a game engine.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI203GGS[1,2]
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INFORMATION TECHNOLOGY II

COURSE DESCRIPTION: This course provides a deeper understanding of network concepts, security concepts, identifying security threats, cryptography, hardening systems, and networks. Students will continue the exploration of their pathway through projects and work-based learning experiences, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI002IGS[3,4]
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COMPUTER SCIENCE & STEM

IB INFORMATION TECHNOLOGY IN GLOBAL SOCIETY

COURSE DESCRIPTION: This course provides students with an overview of the world of computer science and its technologies. Students will explore computational systems, including hardware, software, and data interpretation. They will then study connectivity and communication on the Internet and the World Wide Web, gaining a basic understanding of computer networking, big data, and digital media. Students will also investigate security concerns such as individual identity theft, mail and network hacking, virus attacks, and defensive measures.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI007SIS[1,2]
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INTRODUCTION TO COMPUTER TECHNOLOGY

COURSE DESCRIPTION: This course provides students with an overview of the world of computer science and its technologies. Students will explore computational systems, including hardware, software, and data interpretation. They will then study connectivity and communication on the Internet and the World Wide Web, gaining a basic understanding of computer networking, big data, and digital media. Students will also investigate security concerns such as individual identity theft, mail and network hacking, virus attacks, and defensive measures.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI001SGS[1,2]
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INTRODUCTION TO PROGRAMMING

COURSE DESCRIPTION: Introduction to Programming uses Python as a basis for learning general programming skills. Students learn programming principles by comparing Python to other programming languages. They use models as a way to quickly solve new problems using knowledge and techniques already learned. Students complete over 60 programs in the course, including text and graphics/animation programs. In addition to programming, students learn program design, documentation, formal debugging, and testing. Finally, students examine career opportunities in programming.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SI152PGS
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PRINCIPLES OF INFORMATION TECHNOLOGY

COURSE DESCRIPTION: This is the first course students take in the Academy of Information Technology. It provides an overview of information technology and introduces students to the basics of hardware and software. Students examine hardware components including peripherals, connectors, and memory. Students explore common operating systems, software applications, and programming languages. Students learn about types of networks and network topology, and they set up an email client/server connection. Students also consider contemporary issues such as security, privacy, and technological inequality. Finally, students explore career opportunities in IT.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SI254PGS
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WEB DESIGN

COURSE DESCRIPTION: This course covers the basics of the language behind the web, HTML, and CSS, along with planning and visual design aspects of web design.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA254SGS[1,2]
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COMPUTER SCIENCE & STEM

WEB DEVELOPMENT I

COURSE DESCRIPTION: This course, with Hypertext Markup Language (HTML) and Cascading Style Sheet (CSS) as its foundation, will teach students to develop and design responsive web sites through coding, testing, debugging, and implementation of web-based services. This course will also allow students to learn about content management systems, client-side languages, server-side languages, and database concepts. The course is designed to give students foundational knowledge of “front-end” and “back-end” development to address the presentation and data access layers of web site development.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SI201SGS[1,2]

WEB DEVELOPMENT II

COURSE DESCRIPTION: In this Level 2 course, students will engage in a design-first approach, focusing on understanding the needs of the user and prioritizing designing over coding. By engaging with personas and gaining empathy for a website's audience, students identify the needs of their users and apply visual design principles to make sites accessible you will employ visual design practices and principles to create attractive, functional websites.

Prerequisite: Web Development I

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SI201SGS[3,4]

COMMUNICATIONS & AUDIO/VISUAL TECHNOLOGY

DIGITAL MEDIA DESIGN AND PRODUCTION

COURSE DESCRIPTION: This class explores what it means to be a producer in this digital age. Students will function as the lead producer for several projects: a commercial for a real-world product or client, a news feature/profile and a final comprehensive project of a 3–5 minute mini-documentary featuring themselves as the product/client. This project will serve as the student's portfolio assignment.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
11–12

COURSE CODE:
SK153SGS[1,2]

DIGITAL MUSIC AND EDITING

COURSE DESCRIPTION: Students will build on previously learned editing skills by learning and becoming certified in the industry standard Adobe Premiere Pro digital video editing software. Nesting, multi-cam, adjustment layers, color correction, and effects will be some of the concepts taught.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
11–12

COURSE CODE:
SK051EGS[1,2]

MUSIC AND MEDIA PRODUCTION I

COURSE DESCRIPTION: This initial pathway course will introduce students to a broad range of music and media production careers such as AV and printing technology, visual arts, journalism and broadcast, telecommunications, and performing arts. Career related activities, projects, and work-based learning experiences are included, where possible.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SK051MGS[1,2]

COMMUNICATIONS & AUDIO/VISUAL TECHNOLOGY

MUSIC AND MEDIA PRODUCTION II

COURSE DESCRIPTION: This course provides a deeper understanding of the music and media production pathway. Students will describe the history, terminology, occupations, and value of audio, video and film technology; demonstrate the use of basic tools and equipment used in audio, video and film production; analyze the importance of health, safety and policies/procedures common in arts, audio/video technology and explore their pathway through projects and work-based learning experiences, where possible.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
10–12

COURSE CODE:
SK051MGS[3,4]

NEWSPAPER

COURSE DESCRIPTION: The Newspaper course engages students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards. This course covers the fundamentals of news writing through reading-to-write skills and strategies that identify and reveal news, accommodate audience, determine story value and uncovers sources of information and general news. This course also focuses on the elements of graphics, design, and photojournalism in advertising, marketing, headlines, and captions.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SK101NGS[1,2]

WRITING FOR MEDIA

COURSE DESCRIPTION: This course places an emphasis on script writing for the various forms of digital media and film. Basic technical production skills are used to support and demonstrate the writing elements.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
10–12

COURSE CODE:
SK056WGS[1,2]

ENGINEERING & TECHNOLOGY

BIOTECHNICAL ENGINEERING

COURSE DESCRIPTION: A year-long laboratory science course that is designed to help students understand basic chemical principles and master problem-solving skills. Students develop an understanding of concepts of chemistry with a focus on chemical bonding, chemical structure, reactions and reactivity, matter and its changing composition, families of elements, and equation writing. The performance expectations of the course will focus on scientific practices including developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, constructing explanations, and engaging in argument from evidence. This course is based on the MDE state-adopted standards.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
ST014SGS[1,2]

CIVIL ENGINEERING & ARCHITECTURE, DP

COURSE DESCRIPTION: Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. This course includes an introduction to many of the varied factors involved in building design and construction, including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
ST012DGS[1,2]

ENGINEERING & TECHNOLOGY

CIVIL ENGINEERING

COURSE DESCRIPTION: This course is a cross section of topics in contemporary civil engineering disciplines, with an emphasis on the tools of engineering problem solving. Students are taught to work in teams and introduced to the design process and several tools necessary in a civil engineering career. In this course students develop an appreciation of professional topics to include ethics, respecting others, and professional societies.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST011SGS[1,2]
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COMPUTER INTEGRATED MANUFACTURING

COURSE DESCRIPTION: This course explores manufacturing history, individual processes, systems, and careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design, which reflects an integrated approach that leading manufacturers have adopted to improve safety, quality, and efficiency.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST010SGS[1,2]
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ENGINEERING I

COURSE DESCRIPTION: This initial course explores the different disciplines of engineering and provides students with a broad background in different areas of engineering. Students will have an opportunity to investigate and employ engineering and scientific concepts to find solutions to engineering design problems. Students will develop skills in problem solving and design, while learning strategies for design process documentation, collaboration and presentation. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST005PGS[1,2]
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ENGINEERING II

COURSE DESCRIPTION: This course is designed to deepen students understanding and technical knowledge of the engineering field. Students will explore the invention process and work through the engineering design process to find a solution to a problem. Students will also work with engineers to design, build, and test a product. Students will continue the exploration of their pathway through projects and work-based learning experiences.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST005PGS[3,4]
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ENGINEERING APPLICATIONS

COURSE DESCRIPTION: In this course, students learn core design and analysis of engineering algorithms and structures, including lists, trees, graphs, traversal, and encoding; fundamentals of C and C++ programming languages, including pointers, structures, unions and introduction to classes; and programming design topics, including memory management, abstraction and design of advanced structures, and basics of software engineering.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST002SGS[1,2]
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ENGINEERING COMPREHENSIVE

COURSE DESCRIPTION: This course is designed to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Students will hone their interpersonal skills, creative abilities, and understanding of the design process.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST005SGS[1,2]
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ENGINEERING & TECHNOLOGY

ENGINEERING OF AUTONOMOUS VEHICLES

COURSE DESCRIPTION: Students integrate electrical, mechanical, and computer systems, the three systems at the core of every robot, to meet a series of challenges that parallel autonomous vehicle (AV) operation on our neighborhood streets and highways or in remote areas of land, sea, and space.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: ST002PGS[1,2]
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ENGINEERING OF UNMANNED AERIAL VEHICLES (UAV)

COURSE DESCRIPTION: Students fly, configure, reverse engineer, design, build, and code. The UAV Challenge begins with principles of aeronautics and flight for a variety of industries (e.g., film vs. inspection). It ultimately leads students through a series of focus lessons that reverse engineer how each system of the UAV brain works. The culminating challenge is to replace the stock system with a customized Arduino-based flight controller. In working with the electrical components, students develop skills like soldering and critical thinking through troubleshooting. Key focus lessons dive into concepts such as aerodynamics, electricity, computer programming, and physical laws of motion.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST013PGS[1,2]
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ENGINEERING TECHNOLOGY

COURSE DESCRIPTION: In this course, Engineering Technology emphasizes practice and the application of theory to solve real-world problems. Although the subject areas of core courses in both engineering technology and traditional engineering are similar, engineering technology courses stress the application of engineering techniques, while traditional engineering courses focus on the development of concepts.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST003SGS[1,2]
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INTRODUCTION TO ENGINEERING DESIGN

COURSE DESCRIPTION: This course is designed for students interested in pursuing careers in various engineering fields and disciplines. The course covers the engineering cycle from design, prototyping, and development, to manufacturing and production. Students will develop a broad foundation of engineering concepts such as properties of materials, stress analysis, machine design, and mechanics. Students will work on a variety of design projects to reinforce and develop an understanding of engineering principles.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST006IGS[1,2]
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MOBILITY AND FLIGHT

COURSE DESCRIPTION: Mobility and Flight will provide students with Engineering Design Principles (Set Goals, Build Knowledge, Design, Test, and Present) that apply to both the aviation and automobile industries. Students will design, build, and test a variety of vehicles to deepen their understanding and connections of the two industries.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9	COURSE CODE: ST052TGS1
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PRE-ENGINEERING TECHNOLOGY

COURSE DESCRIPTION: This course is designed to give students a strong foundation in math, science, and basic engineering principles that you can build upon through further and more specialized study. Students will be introduced to the engineering professions and learn about workplace expectations and problem-solving through teamwork.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST001SGS[1,2]
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ENGINEERING & TECHNOLOGY

PRINCIPLES OF ENGINEERING

COURSE DESCRIPTION: This course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers. The course gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem-solving skills based upon engineering concepts.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST004SGS[1,2]
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ROBOTICS ENGINEERING I

COURSE DESCRIPTION: In this initial course, students will gain foundational knowledge and skills in the high-demand, multidisciplinary area of mechatronics. Mechatronics integrates principles from four engineering disciplines: electrical, mechanical, computer, and industrial. Students will learn about robots, machines, electronics, hydraulics and pneumatics, electrical motor controls, sensors, computer-aided design (CAD), programming, and other topics that together form the basis of “smart” devices used in robotics and advanced automated systems. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST009EGS[1,2]
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ROBOTICS ENGINEERING II

COURSE DESCRIPTION: This course is designed to deepen students understanding and technical knowledge of mechatronics. Students will have expanded opportunities for in-depth, project-based application, potential to earn FANUC certification, as well as leadership/ teamwork development, participating on a robotics team, and additional work-based learning experiences.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST009EGS[3,4]
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ROBOTICS (9–12)

COURSE DESCRIPTION: This is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots. Course information will be tied to lab experiments; students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robotics competition. Students will be divided into groups and complete a variety of construction and programming activities within the confines of these groups.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: ST009SGS[1,2]
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HEALTH CARE SERVICES

HEALTH CARE OCCUPATIONS I

COURSE DESCRIPTION: This initial course focuses on fundamental knowledge and clinical skills necessary for various occupations in the healthcare field. Students will build a foundation of basic patient care skills and an understanding of health care systems, communication, medical terminology, basic anatomy and physiology, legal and ethical issues, safety, and infection control principles. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SO002SGS[1,2]
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HEALTH CARE SERVICES

HEALTH CARE OCCUPATIONS II

COURSE DESCRIPTION: This course provides a deeper understanding of advanced medical terminology integrated with Anatomy and Physiology. The students do a study of basic medical math, an individual career study project relating to their future health career area, and investigate current issues in health care. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SO002SGS[3,4]
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MEDICAL TERMINOLOGY

COURSE DESCRIPTION: This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate medical procedures, human anatomy and physiology, and pathophysiology.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SO154SGS[1,2]
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MEDICAL TERMINOLOGY, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Medical Terminology. Students will remediate standards using asynchronous modules..

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SO154VRS[1,2]E
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HOSPITALITY & TOURISM

HOSPITALITY SERVICES I

COURSE DESCRIPTION: This introductory course is designed to expose students to the hospitality industry, which includes Culinary Arts, Food Service, Hotel/Motel, and Travel/Tourism. Students will obtain knowledge of customer service principles and examine the impact of cultural, historical, social and technological developments on key segments of the industry. They will also apply safety and sanitation techniques to prevent and control injuries, illnesses, and diseases in the workplace. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SY001SGS[1,2]
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HOSPITALITY SERVICES II

COURSE DESCRIPTION: This course is designed to deepen students understanding and working knowledge of the hospitality and tourism industry. Students will learn soft skills, operational areas, sales and marketing, and managing business operations. Other topics that will be addressed are business law, employability skills, leadership, and communications. Students will continue the exploration of their pathway through projects and work-based learning experiences.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SY001SGS[3,4]
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MANUFACTURING

INDUSTRIAL TECHNOLOGY

COURSE DESCRIPTION: In this course students learn how to work with woodworking machines and will work on their own projects that they will be able to take home once complete. Students explore careers in the building trades and manufacturing. While wood is the primary material used in the projects, students have the opportunity to work with metals and composite materials. Safety is emphasized throughout, and all students will demonstrate the ability to work on the shop equipment safely. This course is designed to provide active learning situations in technology emphasizing problem solving, creativity, and cooperation.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SW999TGS[1,2]

WORLD LANGUAGE & LITERATURE

AMERICAN SIGN LANGUAGE I

COURSE DESCRIPTION: Since ASL is a visual language, the main focus of this introductory course is to develop the learners' interpretive receptive and presentational expressive skills. When viewing signs and gestures in ASL, learners learn to recognize language related to themselves, home, family, friends, neighborhood, school, community, professions and environment. They also develop their presentational expressive mode, as they learn to visually communicate some basic information about well-practiced, familiar topics. ASL novice learners may be understood with difficulty by sympathetic ASL users who are very accustomed to interacting with language learners. Interpretive reading (finger spelling) and presentational glossing (writing) are introduced, but is not the main focus of this course. Learners show awareness of the most obvious acceptable practices.

**GRADUATION
TRACK:**
N/A

**GRADUATION
REQUIREMENT:**
Language/ASL

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL852SGS[1,2]

AMERICAN SIGN LANGUAGE II

COURSE DESCRIPTION: Since ASL is a visual language, the main focus of this course is to continue to develop the learners' interpretive receptive and presentational expressive skills. When viewing signs and gestures in ASL, students learn to recognize the ones related to themselves, home, family, friends, neighborhood, school, community, professions and environment. They also develop their presentational expressive mode, as they learn to communicate visually some basic information about well-practiced, familiar topics related to their everyday life. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. ASL novice learners may be understood with difficulty by sympathetic ASL users who are very accustomed to interacting with language learners. Interpretive reading (finger spelling) and presentational glossing (writing) are introduced, but is not the main focus of this course. Learners show awareness of the most obvious unacceptable practices.

**GRADUATION
TRACK:**
N/A

**GRADUATION
REQUIREMENT:**
Language/ASL

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL853SGS[3,4]

ARABIC I

COURSE DESCRIPTION: Learners communicate and exchange basic information about familiar topics related to self, home, family, friends, neighborhood, school, community, professions, and environment using phrases and simple sentences. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. They interact in short, social, everyday situations by asking and answering simple questions. They write short messages, postcards, and simple notes within the context in which the language was learned. They are understood primarily by native speakers who are sympathetic and accustomed to interacting with language learners. They recognize pieces of information (familiar words, phrases, and sentences) within short and simple messages related to everyday life and understand the main topics of what is being said or read. They show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/ARAB

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL753SGS[1,2]

WORLD LANGUAGE & LITERATURE

ARABIC II

COURSE DESCRIPTION: Learners communicate and exchange basic information about familiar topics related to self, home, family, friends, neighborhood, school, community, professions, and environment using phrases and simple sentences. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. They interact in short, social, everyday situations by asking and answering simple questions. They write short messages, postcards, and simple notes within the context in which the language was learned. They are understood primarily by native speakers who are sympathetic and accustomed to interacting with language learners. They recognize pieces of information (familiar words, phrases, and sentences) within short and simple messages related to everyday life and understand the main topics of what is being said or read. They show awareness of the most obvious cultural differences or culturally unacceptable practices.

Prerequisite: Arabic I

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/ARAB

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL753SGS[3,4]

AP CHINESE LANGUAGE AND CULTURE

COURSE DESCRIPTION: Designed by the College Board to parallel fourth semester college-level courses in Mandarin Chinese, AP Chinese Language and Culture courses build upon prior knowledge and develop students' ability to express ideas, exchange opinions, and present information in Chinese, both orally and in writing. These courses also help students understand and interpret written and spoken Chinese. In addition, students explore the culture of Chinese-speaking people in historical and contemporary contexts.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/CHN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SL414SAS[1,2]

CHINESE I

COURSE DESCRIPTION: Chinese I learners communicate minimally on very familiar topics by using simple, highly contextualized words, sentences, and questions related to themselves, home, family, friends, neighborhood, school, community, professions and environment that have been practiced and memorized. They recognize some familiar words and phrases when they hear or read them. They communicate some basic information about their everyday life using two or three words or memorized expressions. They can reproduce a modest number of words and phrases in context when writing about well-practiced, familiar topics and supply limited information on simple forms and documents. They may be understood with difficulty by sympathetic native speakers who are very accustomed to interacting with language learners. Learners show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/CHN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL402SGS[1,2]

CHINESE II

COURSE DESCRIPTION: Learners communicate and exchange basic information about familiar topics related to self, home, family, friends, neighborhood, school, community, professions, and environment using phrases and simple sentences. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. They interact in short, social, everyday situations by asking and answering simple questions. They write short messages, postcards, and simple notes within the context in which the language was learned. They are understood primarily by native speakers who are sympathetic and accustomed to interacting with language learners. They recognize pieces of information (familiar words, phrases, and sentences) within short and simple messages related to everyday life and understand the main topics of what is being said or read. They show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/CHN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL403SGS[1,2]

WORLD LANGUAGE & LITERATURE

CHINESE III

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed to interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/CHN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL404SGS[1,2]

CHINESE IV

COURSE DESCRIPTION: This course is intended for learners who would like to continue improving their language proficiency, but do not want to pursue the AP/IB track. In this course, learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and say what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed by interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/CHN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL405SGS[1,2]

IB LANGUAGE B - CHINESE

COURSE DESCRIPTION: This is an IB-endorsed course with specific requirements. In this course, learners participate with ease and confidence in conversations in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies and sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/CHN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL413SIS[1,2]

IB CHINESE III

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed in interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/CHN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL404SIS[1,2]

WORLD LANGUAGE & LITERATURE

IB CHINESE IV

COURSE DESCRIPTION: Learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and express what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future events, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed to interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

Prerequisite: Chinese III OR demonstrated Intermediate Low level of language proficiency (or higher) in the four skills via district-wide verification

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/CHN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL405SIS[1,2]
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AP FRENCH LANGUAGE AND CULTURE

COURSE DESCRIPTION: French Language AP is a College Board endorsed Advanced Placement course with specific requirements. In this course, learners participate with ease and confidence in conversations in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies and sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/FRN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL114SAS[1,2]
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FRENCH I

COURSE DESCRIPTION: Learners communicate minimally on very familiar topics by using simple, highly contextualized words, sentences, and questions related to themselves, home, family, friends, neighborhood, school, community, professions, and environment that have been practiced and memorized. They recognize some familiar words and phrases when they hear or read them. They communicate some basic information about their everyday life using two or three words or memorized expressions. They can reproduce a modest number of words and phrases in context when writing about well-practiced, familiar topics and supply limited information on simple forms and documents. They may be understood with difficulty by sympathetic native speakers who are very accustomed to interacting with language learners. Learners show awareness of the most obvious cultural differences or culturally unacceptable practices.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/FRN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL102SGS[1,2]
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FRENCH I, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for French I. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/FRN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL102VGS[1,2]E
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FRENCH I, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for French I. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/FRN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL102VNS[1,2]E
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WORLD LANGUAGE & LITERATURE

FRENCH II

COURSE DESCRIPTION: Learners communicate and exchange basic information about familiar topics related to self, home, family, friends, neighborhood, school, community, professions, and environment using phrases and simple sentences. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. They interact in short, social, everyday situations by asking and answering simple questions. They write short messages, postcards, and simple notes within the context in which the language was learned. They are understood primarily by native speakers who are sympathetic and accustomed to interacting with language learners. They recognize pieces of information (familiar words, phrases, and sentences) within short and simple messages related to everyday life and understand the main topics of what is being said or read. They show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/FRN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL103SGS[1,2]

FRENCH II, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for French II. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/FRN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL103VGS[1,2]E

FRENCH II, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for French II. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/FRN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL103VNS[1,2]E

FRENCH III

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed to interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/FRN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL104SGS[1,2]

FRENCH IV

COURSE DESCRIPTION: This course is intended for learners who would like to continue improving their language proficiency, but do not want to pursue the AP/IB track. French IV and V are rotating courses. Learners electing French IV one year will have the opportunity to elect French V the following year. Learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and say what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed to interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/FRN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL105SGS[1,2]

WORLD LANGUAGE & LITERATURE

IB LANGUAGE B - FRENCH

COURSE DESCRIPTION: This is an IB-endorsed course with specific requirements. In this course, learners participate with ease and confidence in conversations in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies and sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/FRN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL113SIS[1,2]

IB FRENCH III

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed to interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/FRN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL104SIS[1,2]

IB FRENCH IV

COURSE DESCRIPTION: Learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and say what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed to interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

Prerequisite: French III or IV OR demonstrated Intermediate Low level in the four skills via district-wide verification

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/FRN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL105SIS[1,2]

JAPANESE I

COURSE DESCRIPTION: Learners communicate minimally on very familiar topics by using simple, highly contextualized words, sentences, and questions related to themselves, home, family, friends, neighborhood, school, community, professions and environment that have been practiced and memorized. They recognize some familiar words and phrases when they hear or read them. They communicate some basic information about their everyday life using two or three words or memorized familiar topics and supply limited information on simple forms and documents. They may be understood with difficulty by sympathetic native speakers who are very accustomed to interacting with language learners. Learners show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/JPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL452SGS[1,2]

WORLD LANGUAGE & LITERATURE

JAPANESE II

COURSE DESCRIPTION: Learners communicate and exchange basic information about familiar topics related to self, home, family, friends, neighborhood, school, community, professions, and environment using phrases and simple sentences. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. They interact in short, social, everyday situations by asking and answering simple questions. They write short messages, postcards, and simple notes within the context in which the language was learned. They understood primarily by native speakers who are sympathetic and accustomed to interacting with language learners. They recognize pieces of information (familiar words, phrases, and sentences) within short and simple messages related to everyday life and understand the main topics of what is being said or read. They show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/JPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL453SGS[1,2]

JAPANESE III

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed in interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/JPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL454SGS[1,2]

JAPANESE IV

COURSE DESCRIPTION: This course is intended for learners who would like to continue improving their language proficiency, but do not want to pursue the AP/IB track. In this course, learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and say what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed by interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/JPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL455SGS[1,2]

IB LANGUAGE B - JAPANESE

COURSE DESCRIPTION: This is an IB-endorsed course with specific requirements. In this course, learners participate with ease and confidence in conversations in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies. They sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/JPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL463SIS[1,2]

WORLD LANGUAGE & LITERATURE

IB JAPANESE III

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed in interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/JPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL454SIS[1,2]

IB JAPANESE IV

COURSE DESCRIPTION: In this course, learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and say what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed by interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

Prerequisite: Japanese III or IV OR demonstrated Intermediate Low level of language proficiency (or higher) in the four skills via district-wide verification

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/JPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL455SIS[1,2]

IB JAPANESE V

COURSE DESCRIPTION: This course, along with IB Language B the following year, prepares learners for the IB exam. Learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and say what they want to express about themselves and their everyday life and personal interest or studies. They communicate consistently about present and future events, but inconsistently about past events. They are consistently understood by native speakers accustomed to interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/JPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL456SIS[1,2]

AP SPANISH LANGUAGE AND CULTURE

COURSE DESCRIPTION: Spanish Language AP is a College Board endorsed Advanced Placement course with specific requirements. In this course, learners participate with ease and confidence in conversations in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies and sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL064SAS[1,2]

WORLD LANGUAGE & LITERATURE

AP SPANISH LITERATURE AND CULTURE

COURSE DESCRIPTION: AP Spanish Literature and Culture is a College Board endorsed Advanced Placement course with specific requirements. In this course, learners participate with ease and confidence in conversations around authentic literature text in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies and sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL065SAS[1,2]

SPANISH I

COURSE DESCRIPTION: Learners communicate minimally on very familiar topics by using simple, highly contextualized words, sentences, and questions related to themselves, home, family, friends, neighborhood, school, community, professions, and environment, that have been practiced and memorized. They recognize some familiar words and phrases when they hear or read them. They communicate some basic information about their everyday life using two or three words or memorized expressions. They can reproduce a modest number of words and phrases in context when writing about well-practiced, familiar topics and supply limited information on simple forms and documents. They may be understood with difficulty by sympathetic native speakers who are very accustomed to interacting with language learners. Learners show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL052SGS[1,2]

SPANISH I, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Spanish I. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL052VGS[1,2]E

SPANISH I, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Spanish I. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL052VNS[1,2]E

SPANISH II

COURSE DESCRIPTION: Spanish II learners communicate and exchange basic information about familiar topics related to self, home, family, friends, neighborhood, school, community, professions, and environment, using phrases and simple sentences. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. They interact in short, social, everyday situations by asking and answering simple questions. They write short messages, postcards, and simple notes within the context in which the language was learned. They are understood primarily by native speakers who are sympathetic and accustomed to interacting with language learners. They recognize pieces of information (familiar words, phrases, and sentences) within short and simple messages related to everyday life and understand the main topics of what is being said or read. They show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL053SGS[1,2]

SPANISH II, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Spanish II. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL053VGS[1,2]E

WORLD LANGUAGE & LITERATURE

SPANISH II, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Spanish II. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL053VNS[1,2]E

SPANISH III

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed to interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL054SGS[1,2]

SPANISH IV

COURSE DESCRIPTION: This course is intended for learners who would like to continue improving their language proficiency, but do not want to pursue the AP/IB track. Spanish IV and V are rotating courses. Learners electing Spanish IV one year will have the opportunity to elect Spanish V the following year. Learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and express what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future events, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed to interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL055SGS[1,2]

IB LANGUAGE B - SPANISH I

COURSE DESCRIPTION: This course is an IB-endorsed course with specific requirements. In this course, learners participate with ease and confidence in conversations in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies. They sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL063SIS[1,2]

IB LANGUAGE B - SPANISH II

COURSE DESCRIPTION: This is an IB-endorsed course with specific requirements. This is the second course in the sequence where learners participate with ease and confidence in conversations in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies and sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL063SIS[3,4]

WORLD LANGUAGE & LITERATURE

IB SPANISH III

COURSE DESCRIPTION: Learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and express what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future events, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed to interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

Prerequisite: Spanish II or demonstrated Novice High level of language proficiency (or higher) in the 4 skills via District-wide verification

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL054SIS[1,2]
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IB SPANISH IV

COURSE DESCRIPTION: Learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and express what they want to say about themselves and their everyday life and personal interests or studies. They communicate consistently about present and future events, but inconsistently about past events and create with the language. They are consistently understood by native speakers accustomed to interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

Prerequisite: Spanish III OR or demonstrated Intermediate Low level of language proficiency (or higher) in the 4 skills via District-wide verification

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL055SIS[1,2]
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IB SPANISH V

COURSE DESCRIPTION: This course, along with IB Language B the following year, prepares learners for the IB exam. Learners participate in short social interactions in everyday social and survival situations that may present complications. They are able to ask and answer a variety of questions and say what they want to express about themselves and their everyday life and personal interest or studies. They communicate consistently about present and future events, but inconsistently about past events. They are consistently understood by native speakers accustomed to interacting with language learners. They understand the main idea of texts related to everyday life and personal interests or studies. They write briefly on a wide variety of familiar topics using connected sentences and present information. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL056SIS[1,2]
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PHYSICAL EDUCATION & HEALTH EDUCATION

FITNESS AND CONDITIONING

COURSE DESCRIPTION: Fitness and Conditioning is an Honors Physical Education course which combines a variety of advanced conditioning and aerobic activities with the intention of conveying the importance of life-long wellness habits. This course emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. The prerequisite for this course is Physical Education.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SP005SGS1
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PHYSICAL EDUCATION & HEALTH EDUCATION

HEALTH EDUCATION

COURSE DESCRIPTION: Topics covered within Health Education courses may vary widely, but typically include infectious diseases (STIs - HIV/AIDS, etc.), personal health (nutrition, mental health, physical health, abuse prevention, social/emotional health, body systems, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Health	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SP051SGS1
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HEALTH EDUCATION, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Health Education. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Health	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SP051VRS1E
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PHYSICAL EDUCATION

COURSE DESCRIPTION: Physical Education—General courses involve content that is not grade differentiated and may apply to a range of consecutive grades. These courses provide broad content that is not organized as described elsewhere.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SP001SGS1
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SWIMMING I

COURSE DESCRIPTION: Swimming I is a course that helps students develop skills useful or necessary in an aquatic environment. This class is a beginners course which focuses on teaching a variety of fundamental swimming mechanics, such as kicks, strokes, and proper breathing. In addition, students will learn how to doggy paddle, tread water, and elementary backstroke.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SP010SGS[1,2]
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SWIMMING II

COURSE DESCRIPTION: Swimming II is a course that helps enhance skills learned in Swimming I. This course will cover advance swimming techniques and competitive strokes, such as freestyle, breaststroke, butterfly, and backstroke. The prerequisite for this course is Swimming I.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SP010SGS[3,4]
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SWIMMING III

COURSE DESCRIPTION: Swimming III is a course that focuses on aquatic games involved in team-oriented water sports, such as water polo, water basketball, pom pom, and relay swimming. This course will also include (or concentrate exclusively on) diving and/or lifesaving skills. The prerequisite for this course is Swimming II.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SP010SGS[5,6]
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PHYSICAL EDUCATION & HEALTH EDUCATION

TEAM SPORTS

COURSE DESCRIPTION: Team Sports is an advanced Physical Education course for student athletes who have an interest in competitive team sports on the high school level or recreational/intramural level. The students are taught the importance of cognitive, psychomotor, and character traits needed to participate in sports as required by the Michigan High School Athletic Association covering the Michigan State Standards and Common Core. This course focuses on a variety of team sports, such as baseball, floor hockey, volleyball, soccer, cheerleading, basketball, and football. The prerequisite for this course is the student must be a current participant on one of the school's athletic teams.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SP002SGS[1,2]
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WEIGHT TRAINING

COURSE DESCRIPTION: Weight Training is an Honors Physical Education course that helps students develop extensive knowledge and advanced skills with an extensive concentration on free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SP009SGS1
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ENGLISH LANGUAGE & LITERATURE

AFRICAN AMERICAN LITERATURE

COURSE DESCRIPTION: The African American Literature course engages students in developing their skills in reading, writing, speaking, and listening. Students will explore the unique African heritage and culture that have influenced literature to the present day. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course specifically focuses on the role of African Americans in the development of growing body of literature that reflects United States' culture and society.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE064AGS[1,2]
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CREATIVE WRITING I

COURSE DESCRIPTION: The Creative Writing I course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course explores various aspects of writing, including poetry and prose. Emphasis is placed on the writing process, portfolio building, and the effective traits of writing.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE104SGS[1,2]
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CREATIVE WRITING II

COURSE DESCRIPTION: The Creative Writing II course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course follows Creative Writing I and continues to explore various aspects of writing, including poetry and prose. Emphasis is placed on the writing process, portfolio building, and extensive editing.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE104SGS[3,4]
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ENGLISH LANGUAGE & LITERATURE

DEBATE 101

COURSE DESCRIPTION: This is the first course in a two-course sequence for high school debate. This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course prepares students to think quickly and logically in competitive settings. Students are taught to use debate protocols in both teacher-led and student-led activities.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SE153SGS[1,2]
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DEBATE 102

COURSE DESCRIPTION: This is the second course in a two-course sequence for high school debate. This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course continues to prepare students to think quickly and logically in competitive settings. Debate II extends learning from Debate I and students become more confident with using debate protocols during an argument.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SE153SGS[3,4]
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DEBATE FORENSICS

COURSE DESCRIPTION: This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course continues to strengthen their listening and thinking skills, while employed in the preparation of affirmative and negative briefs. Debate Forensics extends learning from Debate courses as students continue to write precise and clear debate briefs and engages students in forensic debates.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE153FGS[1,2]
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AP ENGLISH LANGUAGE AND COMPOSITION

COURSE DESCRIPTION: AP English Language and Composition is typically an eleventh grade English course. The course is highly aligned to the standards and structure of the Michigan Common Core State Standards. AP English Language is also highly aligned with the national SAT standardized assessment. The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G11	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SE005SAS[1,2]
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AP ENGLISH LITERATURE AND COMPOSITION

COURSE DESCRIPTION: AP English Literature and Composition is typically a twelfth grade English course. The course is highly aligned to the standards and structure of the Michigan Common Core State Standards. The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G12	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SE006SAS[1,2]
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ENGLISH LANGUAGE & LITERATURE

ENGLISH LANGUAGE ARTS I (GRADE 9)

COURSE DESCRIPTION: The English Language Arts I course engages students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards for ninth grade. The course specifically builds content around core themes and essential questions that drive classroom instructional routines to facilitate critical thinking, college and career readiness. Students will engage in close reading, collaborative discussions, analysis of text details, analysis of craft and structure, style, tone, and word choice analysis through multiple entries into fiction, nonfiction, and informational texts. The course focuses on reading of diverse texts through national and world perspectives, excerpts and full-texts of literature and novel studies. Students will engage in various modes of writing such as narrative, explanatory, informational, argumentative, and nonfiction narrative writing. Student knowledge in grammar, mechanics, and usage will also be reinforced through interaction with literature.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G9

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE001SGS[1,2]

ENGLISH LANGUAGE ARTS I (GRADE 9), HONORS

COURSE DESCRIPTION: In addition to the English I course content, students will be required to explore a more intense and rigorous study of reading, writing, speaking, viewing, and listening. Students may engage in deeper novel studies on an accelerated path and experience the traditional ninth grade course through additional literary analysis and heightened performance tasks.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G9

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE001SHS[1,2]

ENGLISH LANGUAGE ARTS I (GRADE 9), VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for English Language Arts I. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G9

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE001VGS[1,2]E

ENGLISH LANGUAGE ARTS I (GRADE 9), VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for English Language Arts I. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G9

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE001VNS[1,2]E

ENGLISH LANGUAGE ARTS II (GRADE 10)

COURSE DESCRIPTION: The English Language Arts II course continues engagement of students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards for tenth grade. The course specifically builds content around core themes and essential questions that drive classroom instructional routines to facilitate critical thinking, college and career readiness. Students will engage in close reading, collaborative discussions, analysis of text details, analysis of craft and structure, style, tone, and word choice analysis through multiple entries into fiction, nonfiction, and informational texts. The course focuses on reading of diverse texts through national and world perspectives, excerpts and full-texts of literature and novel studies that foster the analysis of stories, characters, and informational text that allow for conclusions about human condition. Students will engage in writing in various modes such as narrative, explanatory, informational, argumentative, and nonfiction narrative writing. Student knowledge in grammar, mechanics, and usage will also be reinforced through interaction with literature.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G10

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE002SGS[1,2]

ENGLISH LANGUAGE ARTS II (GRADE 10), HONORS

COURSE DESCRIPTION: In addition to the English II course, students will be required to explore a more intense and rigorous study of reading, writing, speaking, viewing, and listening. Students may engage in deeper novel studies on an accelerated path and experience the traditional tenth grade course through additional literary analysis and heightened performance tasks.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G10

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE002SHS[1,2]

ENGLISH LANGUAGE & LITERATURE

ENGLISH LANGUAGE ARTS II (GRADE 10), VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for English Language Arts II. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G10	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE002VGS[1,2]E
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ENGLISH LANGUAGE ARTS II (GRADE 10), VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for English Language Arts II. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G10	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE002VNS[1,2]E
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ENGLISH LANGUAGE ARTS III (GRADE 11)

COURSE DESCRIPTION: The English Language Arts III course continues engagement of students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards for eleventh grade. The course specifically builds content around core themes and essential questions that drive classroom instructional routines to facilitate critical thinking, college and career readiness. Students will engage in close reading, collaborative discussions, analysis of text details, analysis of craft and structure, style, tone, and word choice analysis through multiple entries into fiction, nonfiction, and informational texts. The course deepens understanding of the impact of language on culture and language's ability to drive initiatives within society. The course focuses on reading of diverse texts through analysis of seminal and other historical founding documents, and historical events and experiences through excerpts, poetry, short stories, and full-texts of literature and novel studies that foster critical analysis. Students will engage in writing in various modes such as narrative, explanatory, informational, argumentative, and nonfiction narrative writing. Student knowledge in grammar, mechanics, and usage will also be reinforced through interaction with literature.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G11	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE003SGS[1,2]
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ENGLISH LANGUAGE ARTS III (GRADE 11), HONORS

COURSE DESCRIPTION: In addition to the English III course, students will be required to explore a more intense and rigorous study of reading, writing, speaking, viewing, and listening. Students may engage in deeper novel studies on an accelerated path and experience the traditional eleventh grade course through additional literary analysis and heightened performance tasks.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G11	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE003SHS[1,2]
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ENGLISH LANGUAGE ARTS III (GRADE 11), VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for English Language Arts III. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G11	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE003VGS[1,2]E
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ENGLISH LANGUAGE ARTS III (GRADE 11), VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for English Language Arts III. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G11	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE003VNS[1,2]E
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ENGLISH LANGUAGE & LITERATURE

ENGLISH LANGUAGE ARTS IV (GRADE 12)

COURSE DESCRIPTION: The English Language Arts IV course continues engagement of students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards for twelfth grade. The course specifically builds content around core themes and essential questions that drive classroom instructional routines to facilitate critical thinking, college and career readiness. Students will engage in close reading, collaborative discussions, analysis of text details, analysis of craft and structure, style, tone, and word choice analysis through multiple entries into fiction, nonfiction, and informational texts. The course deepens understanding of the impact of language on culture and language's ability to drive initiatives within society. The course offers an immersion into British literature through canonical themes, poetry, plays, and full-texts of literature and novel studies that foster critical analysis. Students will engage in writing in various modes such as narrative, explanatory, informational, argumentative, and nonfiction narrative writing. Student knowledge in grammar, mechanics, and usage will also be reinforced through interaction with literature.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G12

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE004SGS[1,2]

ENGLISH LANGUAGE ARTS IV (GRADE 12), HONORS

COURSE DESCRIPTION: In addition to the English IV course, students will be required to explore a more intense and rigorous study of reading, writing, speaking, viewing, and listening. Students may engage in deeper novel studies on an accelerated path and experience the traditional twelfth grade course through additional literary analysis and heightened performance tasks.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G12

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE004SHS[1,2]

ENGLISH LANGUAGE ARTS IV (GRADE 12), VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for English Language Arts IV. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G12

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE004VGS[1,2]E

ENGLISH LANGUAGE ARTS IV (GRADE 12), VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for English Language Arts IV. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G12

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE004VNS[1,2]E

ENGLISH LANGUAGE ARTS LAB

COURSE DESCRIPTION: The Language Arts Lab is a course designed to improve the reading, writing, speaking, and listening skills of high school learners and adheres to the guidelines of the Michigan Common Core State Standards. This class will focus on providing small group differentiated instruction. The Literacy Lab course is tailored to meet each student's individual needs and support classroom instruction.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE009SGS[1,2]

ENGLISH TEST PREP, SAT (GR 10)

COURSE DESCRIPTION: In this one semester course, students engage in preparation to take the SAT exam in the spring. The course includes focus on the SAT English Language Arts domains of reading, writing, speaking and listening, and additional topics in related content areas. Khan Academy's Official SAT Practice is also integrated into the course framework.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SE203AGS1

ENGLISH LANGUAGE & LITERATURE

ENGLISH TEST PREP, SAT (GR 11)

COURSE DESCRIPTION: In this one semester course, students engage in preparation to take the SAT exam in the spring. The course includes focus on the SAT English Language Arts domains of reading, writing, speaking and listening, and additional topics in related content areas. Khan Academy's Official SAT Practice is also integrated into the course framework.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SE203BGS1
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INTRODUCTION TO COMMUNICATION

COURSE DESCRIPTION: This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course is an introduction to the field of communication with emphasis on the contexts in which communication occurs. The course serves as an introduction to the strands of communication: interpersonal, small groups and teams, mass communication, organizational, intercultural, and rhetoric.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SK001SGS[1,2]
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JOURNALISM

COURSE DESCRIPTION: The Journalism course engages students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards. This course covers the fundamentals of news writing through reading-to-write skills and strategies that identify and reveal news, accommodate audience, determine story value and uncovers sources of information, and general news.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SK101SGS[1,2]
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IB LANGUAGE A: LANGUAGE AND LITERATURE (GR 11)

COURSE DESCRIPTION: This is a required two-year course for Diploma Programme (DP) Candidates. The course studies the complex and dynamic nature of language and explores both its practical and aesthetic dimensions. The course will explore the crucial role language plays in communication, reflecting experience and shaping the world, and the roles of individuals themselves as producers of language. Throughout the course, students will explore the various ways in which language choices, text types, literary forms, and contextual elements all effect meaning. Through close analysis of various text types and literary forms, students will consider their own interpretations, as well as the critical perspectives of others, to explore how such positions are shaped by cultural belief systems and to negotiate meanings for texts. Students enrolled in Language A: Language and Literature cannot be simultaneously enrolled in Language A: Literature. Choose one or the other.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G11	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11	COURSE CODE: SE011SIS[1,2]
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IB LANGUAGE A: LANGUAGE AND LITERATURE (GR 12)

COURSE DESCRIPTION: This is a required two-year course for Diploma Programme (DP) Candidates. This course studies the complex and dynamic nature of language and explores both its practical and aesthetic dimensions. The course will explore the crucial role language plays in communication, reflecting experience and shaping the world, and the roles of individuals themselves as producers of language. Throughout the course, students will explore the various ways in which language choices, text types, literary forms, and contextual elements all effect meaning. Through close analysis of various text types and literary forms, students will consider their own interpretations, as well as the critical perspectives of others, to explore how such positions are shaped by cultural belief systems and to negotiate meanings for texts. Students enrolled in Language A: Language and Literature cannot be simultaneously enrolled in Language A: Literature. Choose one or the other.

Prerequisite: IB Language A: Language and Literature (Gr 11)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G12	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 12	COURSE CODE: SE011SIS[3,4]
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ENGLISH LANGUAGE & LITERATURE

IB LANGUAGE A: LITERATURE (GR 11)

COURSE DESCRIPTION: This is a required two-year course for Diploma Programme (DP) Candidates. The course explores the various manifestations of literature as a particularly powerful mode of writing across cultures and throughout history. The course aims at developing an understanding of factors that contribute to the production and reception of literature—the creativity of writers and readers, the nature of their interaction with their respective contexts and with literary tradition, the ways in which language can give rise to meaning and/or effect, and the performative and transformative potential of literary creation and response. Through close analysis of a range of literary texts in a number of literary forms and from different times and places, students will consider their own interpretations as well as the critical perspectives of others, to explore how such positions are shaped by cultural belief systems and to negotiate meanings for texts. Students enrolled in Language A: Literature cannot be simultaneously enrolled in Language A: Language and Literature. Choose one or the other.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G11

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
11

COURSE CODE:
SE007SIS[1,2]

IB LANGUAGE A: LITERATURE (GR 12)

COURSE DESCRIPTION: This is a required two-year course for Diploma Programme (DP) Candidates. The course explores the various manifestations of literature as a particularly powerful mode of writing across cultures and throughout history. The course aims at developing an understanding of factors that contribute to the production and reception of literature—the creativity of writers and readers, the nature of their interaction with their respective contexts and with literary tradition, the ways in which language can give rise to meaning and/or effect, and the performative and transformative potential of literary creation and response. Through close analysis of a range of literary texts in a number of literary forms and from different times and places, students will consider their own interpretations as well as the critical perspectives of others, to explore how such positions are shaped by cultural belief systems and to negotiate meanings for texts. Students enrolled in Language A: Literature cannot be simultaneously enrolled in Language A: Language and Literature. Choose one or the other.

Prerequisite: IB Language A: Literature (Gr 11)

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G12

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
12

COURSE CODE:
SE007SIS[3,4]

LATINO LITERATURE IN THE U.S.

COURSE DESCRIPTION: This elective course is designed for 9th to 12th grade students and offers an in-depth exploration of Latino literature, highlighting the significant contributions of Latino writers and cultural figures in the U.S. Students will engage with a variety of themes including movement and migration, labor, family, and modern identity through novels, short stories, poetry, non-fiction texts, and other forms of media. The course aims to provide a comprehensive understanding of the Latino experience in the United States, enhancing students' appreciation of the diverse perspectives and cultural narratives that shape contemporary society.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE064SGS[1,2]

LITERATURE OF THE 21ST CENTURY

COURSE DESCRIPTION: The Literature of the 21st Century course engages students in learning to develop their skills in reading, writing, speaking, and listening using contemporary texts that are relevant to our times and our spaces. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course specifically focuses on the analysis of complex texts that reside in the present. Students also engage in collaborative small and whole group discussion to deepen understanding of complex ideas presented in course literature.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE062TGS[1,2]

LITERATURE THROUGH FILM

COURSE DESCRIPTION: This course will focus on reading literature, viewing filmed pieces based on that literature, and analyzing the literary aspects of films based on literature. Emphasis will be on comparing and contrasting novels, novellas, and short stories to subsequent films. This course could be taken before or after the Film Studies course.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SE065SGS[1,2]

ENGLISH LANGUAGE & LITERATURE

OG TUTORING SEMINAR, 9TH GRADE

COURSE DESCRIPTION: This OG Tier III Literacy intervention course (Gr. 9) is offered to high school students to support mastery of literacy skills needed for College and Career Readiness. The course utilizes a research-based multisensory approach to engage students in activities to develop and strengthen their skills in reading foundational skills, reading comprehension, writing, and speaking and listening. The course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing small-group intervention led by Academic Interventionists. Students also have access to MaxScholar, an online tool, to support differentiation of instruction.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9

COURSE CODE:
SE068SGS[1,2]

OG TUTORING SEMINAR, 10TH GRADE

COURSE DESCRIPTION: This course is offered to high school students to support literacy growth through tutors (via district partnership) and a qualified certified teacher of record. This course is designed to support students who are aspiring to master literacy skills to prepare for College and Career Readiness.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
10–11

COURSE CODE:
SE068SGS[3,4]

OG TUTORING SEMINAR - AFTER SCHOOL

COURSE DESCRIPTION: This OG Tier III Literacy Intervention course is offered after school to high school students to support mastery of literacy skills needed for College and Career Readiness. It does not award grades or credit. The course utilizes a research-based multisensory approach to engage students in activities to develop and strengthen their skills in reading foundational skills, reading comprehension, writing, and speaking and listening. The course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing small-group intervention.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
N/A

**GRADUATION
CREDIT:**
0

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE068GGS1

POETRY

COURSE DESCRIPTION: This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course introduces students to the study of poetry and its cultural, social, and historical contexts. Content includes terminology and methods for analyzing and evaluating poetry including form, thematic development, and style.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE104PGS[1,2]

AP RESEARCH

COURSE DESCRIPTION: This course is designed for students who are simultaneously taking AP ELA 12 Literature or Comp. The course design comes from College Board.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
12

COURSE CODE:
SE105SAS[1,2]

RESEARCH/TECHNICAL WRITING

COURSE DESCRIPTION: This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). Research/Technical Writing engages students in objective writing and reporting of factual information for practical use in the workplace.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE105SGS[1,2]

ENGLISH LANGUAGE & LITERATURE

AP SEMINAR: ENGLISH (GR 10)

COURSE DESCRIPTION: The skills acquired in AP Seminar help students outperform their peers in AP English, history, and government exams taken in 11th and 12th grades. AP Seminar students master skills in analyzing a variety of texts, writing explanatory and argumentative essays, conducting research, working in teams, and presenting. These skills overlap with common English 10 standards, and the course provides teachers with flexibility to integrate instruction covering local English standards.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G10

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
10

COURSE CODE:
SE013SAS[1,2]

SPEECH

COURSE DESCRIPTION: This course is the first in a two-course series for high school Speech. This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This introductory course is designed to develop students' oral communication and research skills. Students engage in projects and opportunities to gain poise and confidence in public speaking.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SE151SGS[1,2]

SPEECH 102

COURSE DESCRIPTION: This is the second course in a two-course series for high school Speech. This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This introductory course is designed to develop students' oral communication and research skills. Students engage in projects and opportunities to gain poise and confidence in public speaking.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SE151SGS[3,4]

YEARBOOK

COURSE DESCRIPTION: The Yearbook course engages students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards. This course will teach students to design layouts, write copy, and produce publications. Meeting deadlines and organizational skills are a priority.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Visual & Performing
Arts

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SK104YGS[1,2]

MATHEMATICS

ALGEBRA I

COURSE DESCRIPTION: In Algebra I, students learn representations of functions using graphs, tables, equations, and contexts. The course focuses on solving equations and inequalities using a variety of strategies. Students solve systems of two equations and inequalities with two variables using a variety of strategies. Students analyze representations of arithmetic and geometric sequences, use exponential models to solve problems, and investigate a variety of functions including square root, cube root, absolute value, piecewise-defined, step, and simple inverse functions. The course also includes study of statistical analysis of two-variable data and distributions of one-variable data.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra I

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM052SGS[1,2]

MATHEMATICS

ALGEBRA I, HONORS

COURSE DESCRIPTION: In Algebra I Honors, students learn representations of functions using graphs, tables, equations, and contexts. The course focuses on solving equations and inequalities using a variety of strategies. Students solve systems of two equations and inequalities with two variables using a variety of strategies. Students analyze representations of arithmetic and geometric sequences, use exponential models to solve problems, and investigate a variety of functions including square root, cube root, absolute value, piecewise-defined, step, and simple inverse functions. The course also includes study of statistical analysis of two-variable data and distributions of one-variable data. The course may advance at an accelerated pace.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra I

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM052SHS[1,2]

ALGEBRA I, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Algebra I. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra I

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM052VGS[1,2]E

ALGEBRA I, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Algebra I. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra I

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM052VNS[1,2]E

ALGEBRA LAB SGI

COURSE DESCRIPTION: In Algebra Lab, students receive extra support to help them succeed in their Algebra I course. Students must be concurrently enrolled in Algebra I to enroll in Algebra lab. This course includes solving equations and inequalities, linearity, systems of equations and inequalities, arithmetic and geometric sequences, exponential models, and families of functions. Students will also study statistical analysis of two-variable data and distributions of one-variable data.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM069LGS[1,2]

ALGEBRA II

COURSE DESCRIPTION: In Algebra II, students visualize, express, interpret, describe, and graph functions (and their inverses, in many cases). Students will represent functions with an equation, and vice-versa, and transform graphs, including those from the following function families: absolute value, exponential, linear, logarithmic, piecewise-defined, polynomial, quadratic, square root, and trigonometric. Students will recognize the connections among multiple representations. Students rewrite rational expressions, perform arithmetic operations on polynomials, and study the relationship between zeros and factors of polynomials.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra II

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM056SGS[1,2]

ALGEBRA II, HONORS

COURSE DESCRIPTION: In Algebra II Honors, students visualize, express, interpret, describe, and graph functions (and their inverses, in many cases). Students will represent functions with an equation, and vice-versa, and transform graphs, including those from the following function families: absolute value, exponential, linear, logarithmic, piecewise-defined, polynomial, quadratic, square root, and trigonometric. Students will recognize the connections among multiple representations. Students rewrite rational expressions, perform arithmetic operations on polynomials, and study the relationship between zeros and factors of polynomials. Topics from probability and statistics are also included. The course may advance at an accelerated pace.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra II

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM056SHS[1,2]

MATHEMATICS

ALGEBRA II, PRE-IB

COURSE DESCRIPTION: In Algebra II, students visualize, express, interpret, describe, and graph functions (and their inverses, in many cases). Students will represent functions with an equation, and vice-versa, and transform graphs, including those from the following function families: absolute value, exponential, linear, logarithmic, piecewise-defined, polynomial, quadratic, square root, and trigonometric. Students will recognize the connections among multiple representations. Students rewrite rational expressions, perform arithmetic operations on polynomials, and study the relationship between zeros and factors of polynomials. This course is considered a prerequisite course for students that desire to enter into the International Baccalaureate Diploma Programme.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra II

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM056PHS(1,2)

ALGEBRA II, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Algebra II. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra II

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM056VGS[1,2]E

ALGEBRA II, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Algebra II. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra II

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM056VNS[1,2]E

IB ALGEBRA II

COURSE DESCRIPTION: In Algebra II, students visualize, express, interpret, describe, and graph functions (and their inverses, in many cases). Students will represent functions with an equation, and vice-versa, and transform graphs, including those from the following function families: absolute value, exponential, linear, logarithmic, piecewise-defined, polynomial, quadratic, square root, and trigonometric. Students will recognize the connections among multiple representations. Students rewrite rational expressions, perform arithmetic operations on polynomials, and study the relationship between zeros and factors of polynomials. This course is considered a prerequisite course for students that desire to enter into the International Baccalaureate Diploma Programme.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra II

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM056SIS[1,2]

AP CALCULUS AB

COURSE DESCRIPTION: AP Calculus AB includes the study limits, continuity, differentiation, applications of differentiation, integration, differential equations, area, and volume. Students enrolling in AP Calculus AB are expected to register for and take the AP exam in the spring. This course advances at an accelerated pace.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM124SAS[1,2]

AP CALCULUS AB, DP

COURSE DESCRIPTION: This is a double period course. AP Calculus AB includes the study limits, continuity, differentiation, applications of differentiation, integration, differential equations, area, and volume. Students enrolling in AP Calculus AB are expected to register for and take the AP exam in the spring. This course advances at an accelerated pace.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM124SAS[1,2]D

MATHEMATICS

AP CALCULUS BC

COURSE DESCRIPTION: AP Calculus BC includes the study of limits, continuity, differentiation, applications of differentiation, integration, advanced integration techniques, differential equations, area, and volume. Students also study convergence and divergence of infinite series, logistic growth, Taylor and Maclaurin Polynomials, areas bounded by polar curves, and derivatives and integrals of parametric equations. Students enrolling in AP Calculus BC are expected to register for and take the AP exam in the spring. This course advances at an accelerated pace.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM125SAS[1,2]

AP CALCULUS BC, DP

COURSE DESCRIPTION: AP Calculus BC includes the study of limits, continuity, differentiation, applications of differentiation, integration, advanced integration techniques, differential equations, area, and volume. Students also study convergence and divergence of infinite series, logistic growth, Taylor and Maclaurin Polynomials, areas bounded by polar curves, and derivatives and integrals of parametric equations. Students enrolling in AP Calculus BC are expected to register for and take the AP exam in the spring. This course advances at an accelerated pace. Students enrolling in the double period AP Calculus BC course earn one math credit upon successful completion of the course.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
1

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM125DAS[1,2]

CALCULUS

COURSE DESCRIPTION: Calculus includes the study of limits, continuity, differentiation, applications of differentiation, integration, differential equations, area, and volume. Students study multiple representations and focus on application in the course.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM121SGS[1,2]

GEOMETRY

COURSE DESCRIPTION: In this course, students study geometric transformations (reflection, rotation, translation, dilation) and symmetry. Students explore relationships between figures (such as similarity and congruence) in terms of rigid motions and similarity transformations. Proofs of geometric theorems, using coordinates to prove geometric theorems, and modeling with geometry are also studied in detail. Students also study tools for analyzing and measuring right triangles, general triangles, and complex shapes. This study includes the Pythagorean Theorem, trigonometric ratios, the Law of Sines, and the Law of Cosines. Geometry also includes the study of theorems about circles, including arc lengths and areas of sectors. Topics on probability and statistics are also included.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Geometry

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM072SGS[1,2]

GEOMETRY, HONORS

COURSE DESCRIPTION: In this course, students study geometric transformations (reflection, rotation, translation, dilation) and symmetry. Students explore relationships between figures (such as similarity and congruence) in terms of rigid motions and similarity transformations. Proofs of geometric theorems, using coordinates to prove geometric theorems, and modeling with geometry are also studied in detail. Students also study tools for analyzing and measuring right triangles, general triangles, and complex shapes. This study includes the Pythagorean Theorem, trigonometric ratios, the Law of Sines, and the Law of Cosines. Geometry also includes the study of theorems about circles, including arc lengths and areas of sectors. Topics on probability and statistics are also included.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Geometry

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM072SHS[1,2]

GEOMETRY LAB SGI

COURSE DESCRIPTION: In Geometry Lab, students receive extra support to help them succeed in their Geometry course. Students must be concurrently enrolled in Geometry to enroll in Geometry lab. This course addresses transformations, rigid motions, proof, modeling, trigonometry, theorems about circles, and probability.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM079LGS[1,2]

MATHEMATICS

GEOMETRY, PRE-IB

COURSE DESCRIPTION: In this course, students study geometric transformations (reflection, rotation, translation, dilation) and symmetry. Students explore relationships between figures (such as similarity and congruence) in terms of rigid motions and similarity transformations. Proofs of geometric theorems, using coordinates to prove geometric theorems, and modeling with geometry are also studied in detail. Students also study tools for analyzing and measuring right triangles, general triangles, and complex shapes. This study includes the Pythagorean Theorem, trigonometric ratios, the Law of Sines, and the Law of Cosines. Geometry also includes the study of theorems about circles, including arc lengths and areas of sectors. Topics on probability and statistics are also included. This course is considered a prerequisite course for students that desire to enter into the International Baccalaureate Diploma Programme.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM072PHS[1,2]
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GEOMETRY, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Geometry. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM072VGS[1,2]E
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GEOMETRY, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Geometry. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM072VNS[1,2]E
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IB MATH: ANALYSIS AND APPROACHES

COURSE DESCRIPTION: According to the recommended guidelines of the IBO, the aims of this course are to enable students to develop mathematical knowledge, concepts and principles, develop logical, critical and creative thinking and employ and refine their powers of abstractions and generalization.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM140SIS[1,2]
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IB MATH: APP AND INTERPRETATION

COURSE DESCRIPTION: According to the recommended guidelines of the IBO, the aims of this course are to enable students to develop mathematical knowledge, concepts and principles, develop logical, critical and creative thinking and employ and refine their powers of abstractions and generalization.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM139SIS[1,2]
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INTEGRATED MATHEMATICS I

COURSE DESCRIPTION: This course is designed to assist student understanding in recognizing and developing patterns using tables, graphs, and equations. Mathematical modeling will be emphasized as an appropriate approach for finding the solution to problems. Students will explore operations on algebraic expressions and apply mathematical properties to algebraic equations. Students will problem solve using equations, graphs, and tables, and investigate linear relationships, including comparing and contrasting options and decision-making using algebraic models. Topics from two-dimensional Geometry and Statistics are integrated into this curriculum. This includes application of rigid transformations of shapes, calculation of area and perimeter, application of the Pythagorean Theorem, performing geometric constructions and proofs, and statistical analysis of two-variable data, including determining regression lines, correlation coefficients, creating residual plots, and calculation of mathematical probability.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Algebra I	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM062SGS[1,2]
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MATHEMATICS

INTEGRATED MATHEMATICS II

COURSE DESCRIPTION: Integrated Mathematics II, a second-year high school math course, focuses on extending the number systems to include irrational and complex numbers, as well as computation with quadratic polynomials. This course extends their geometric knowledge from other courses. The course also introduces probability as a way to make better decisions when given limited information.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM063SGS[1,2]
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INTEGRATED MATHEMATICS III

COURSE DESCRIPTION: Integrated Mathematics III, a second-year high school math course, focuses on extending the number systems to include irrational and complex numbers, as well as computation with quadratic polynomials. This course extends their geometric knowledge from other courses. The course also introduces probability as a way to make better decisions when given limited information.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Algebra II	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM064SGS[1,2]
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INTEGRATED MATH I, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Integrated Math I. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Algebra I	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM062VNS[1,2]E
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INTEGRATED MATHEMATICS II, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Integrated Mathematics II. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM063VGS[1,2]E
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INTEGRATED MATHEMATICS II, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Integrated Mathematics II. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM063VNS[1,2]E
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MATH TEST PREP, SAT (GR 10)

COURSE DESCRIPTION: In this course, students engage in preparation to take the PSAT 10 exam in the spring. The course includes focus on the SAT Math domains of the Heart of Algebra, Problem Solving and Data Analysis, Passport to Advanced Mathematics, and Additional Topics in Mathematics. Khan Academy's Official SAT Practice is also integrated into the course framework.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 10	COURSE CODE: SM993AGS1
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MATH TEST PREP, SAT (GR 11)

COURSE DESCRIPTION: In this course, students engage in preparation to take the SAT exam in the spring. The course includes focus on the SAT Math domains of the Heart of Algebra, Problem Solving and Data Analysis, Passport to Advanced Mathematics, and Additional Topics in Mathematics. Khan Academy's Official SAT Practice is also integrated into the course framework.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 11	COURSE CODE: SM993BGS1
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MATHEMATICS

MATHEMATICS SEMINAR

COURSE DESCRIPTION: This course is designed for seniors to engaged in a directed-independent research of relevant advanced-Mathematics course content for students seeking to gain an additional general elective credit for graduation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM999EGS[1,2]
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MATHEMATICS, AP LAB

COURSE DESCRIPTION: This course is designed to provide an additional instructional hour daily to students at schools offering AP Statistics, AP Calculus AB, or AP Calculus BC courses to students. Students may earn a 0.5 general elective credit per semester of enrollment. This course cannot be offered as a stand-alone course for students; students must be enrolled in AP Statistics, AP Calculus AB, or AP Calculus BC concurrently.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: SM996AGS[1,2]
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PERSONAL FINANCE

COURSE DESCRIPTION: This course is designed to assist students in understanding on how to apply math concepts learned in previous math courses with a focus on mathematical operations, numbers, math logic, and money management principles as it applies to various financial decisions they will be faced with in everyday life. Some of the topics to be covered will include budgeting, savings, investments, insurance, credit, and debt.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM157SGS[1,2]
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PERSONAL FINANCE, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Personal Finance. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM157VRS1E
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AP PRECALCULUS

COURSE DESCRIPTION: Following the College Board's suggested curriculum designed to parallel college-level precalculus courses, AP Precalculus courses introduce students to mathematical modeling and functions that serve as a foundation for calculus and other college-level mathematics needed for a variety of STEM majors and careers. Topics typically include polynomial and rational functions, exponential and logarithmic functions, trigonometric and polar functions, and functions involving parameters, vectors, and matrices.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SM114SAS1,2]
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IB PRECALCULUS

COURSE DESCRIPTION: In Precalculus, students focus on functions, rational expressions, polynomial functions, rational functions, exponentials, logarithms, vectors, limits, rates, and trigonometric identities. This course advances at an accelerated pace, and is considered a prerequisite course for students that desire to enter into the International Baccalaureate Diploma Programme.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM110SIS[1,2]
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PRECALCULUS

COURSE DESCRIPTION: In Precalculus, students focus on functions, rational expressions, polynomial functions, rational functions, exponentials, logarithms, vectors, limits, rates, and trigonometric identities.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM110SGS[1,2]
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MATHEMATICS

PRECALCULUS, HONORS

COURSE DESCRIPTION: In Precalculus, students focus on functions, rational expressions, polynomial functions, rational functions, exponentials, logarithms, vectors, limits, rates, and trigonometric identities. This course advances at an accelerated pace.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM110SHS[1,2]
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PRECALCULUS, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Precalculus. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM110VGS[1,2]E
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PRECALCULUS, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Precalculus. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM110VNS[1,2]E
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PROBABILITY AND STATISTICS, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Probability and Statistics. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM201VNS[1,2]E
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STATISTICS, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Statistics. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM201VGS[1,2]E
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STATISTICS

COURSE DESCRIPTION: This course aims to provide students with a thorough understanding of statistical concepts and methods, preparing them for college-level coursework and real-world applications. Students will explore various topics including descriptive statistics, probability theory, inferential statistics, and data analysis. The course emphasizes the development of critical thinking skills and the ability to interpret and communicate statistical information effectively. Through hands-on activities, projects, and the use of technology, students will learn to collect, analyze, and draw conclusions from data.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM201SGS[1,2]
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AP STATISTICS

COURSE DESCRIPTION: AP Statistics includes the exploratory analysis of data, planning a study, and probability and statistical inference. Students will describe patterns and departures from patterns, plan and conduct studies, explore random phenomena using probability and simulation, estimate population parameters, and test hypotheses. Students use computers and graphing calculators to fit mathematical models to data and also to produce graphs designed for statistical analysis. Students interpret problem situations described in writing and to write reports. This course prepares students to take the Advanced Placement Statistics examination, and students are expected to register for and take the AP exam in the spring.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM203SAS[1,2]
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MATHEMATICS

TRIGONOMETRY

COURSE DESCRIPTION: In Trigonometry, students student the Pythagorean Theorem, trigonometric ratios, trigonometric functions, the unit circle, trigonometric equations, trigonometric identities, inverse trigonometric functions, complex numbers, and analytic geometry including conic sections.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM103SGS[1,2]

TUTORING SEMINAR 9TH GRADE

COURSE DESCRIPTION: This course is offered to high school students to support math growth through interventionists/tutors and a qualified certified teacher of record. This course is designed to support students who are aspiring to master math skills to prepare for College and Career Readiness.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–10

COURSE CODE:
SZ106SGS1T

MISCELLANEOUS

AP SEMINAR

COURSE DESCRIPTION: AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literacy and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic work and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
11–12

COURSE CODE:
SZ110SAS[1,2]

IB CREATIVITY, ACTIVITY, SERVICE

COURSE DESCRIPTION: The IB Creativity, Action, Service (CAS) course is organized around the three strands of creativity, activity, and service defined as follows. Creativity—exploring and extending ideas leading to an original or interpretive product or performance. Activity—physical exertion contributing to a healthy lifestyle. Service—collaborative and reciprocal engagement with the community in response to an authentic need.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SZ108SIS[1,2]

EMPLOYABILITY SKILLS

COURSE DESCRIPTION: The Employability Skills course is designed to help students realize the importance of education, recognize personal strengths and build self-esteem, while learning a career planning process. Students continue to gain knowledge about the expectations, skills, training, and education required by multiple careers.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SZ152SGS[1,2]

MISCELLANEOUS

IB EXTENDED ESSAY

COURSE DESCRIPTION: The IB Extended Essay course is a compulsory, externally assessed piece of independent research into a topic chosen by the student and presented as a formal piece of academic writing. The extended essay is intended to promote high-level research and writing skills, intellectual discovery, and creativity, while engaging students in personal research. This leads to a major piece of formally presented structured writing of up to 4,000 words in which ideas and findings are communicated in a reasoned, coherent, and appropriate manner.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SZ109SIS[1,2]

IB EXTENDED ESSAY II

COURSE DESCRIPTION: The IB Extended Essay course is a compulsory, externally assessed piece of independent research into a topic chosen by the student and presented as a formal piece of academic writing. The extended essay is intended to promote high-level research and writing skills, intellectual discovery, and creativity, while engaging students in personal research. This leads to a major piece of formally presented, structured writing of up to 4,000 words in which ideas and findings are communicated in a reasoned, coherent, and appropriate manner.

Enrollment as an IB Candidate ONLY- 12th grade year.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
12

COURSE CODE:
SZ109SIS[3,4]

LEADERSHIP

COURSE DESCRIPTION: The Leadership course will engage students in activities that explore the principals of leadership. This course will help students develop leadership skills that will impact their lives and communities. Content areas include decision-making, goal setting, effective communication, servant leadership, organization and time management skills, and concrete strategies to implement change.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SZ101SGS[1,2]

SAT TEST PREPARATION – MATH, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for SAT Test Preparation. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–10

COURSE CODE:
SZ001VGS1E

SAT TEST PREPARATION – ELA, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for SAT Test Preparation. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SZ001VGS2E

SCHOOL GOVERNANCE

COURSE DESCRIPTION: The School Governance course will prepare students to become knowledgeable and active citizens and leaders within our community. The program will provide students a practice forum for parliamentary procedures, where they can critically dialogue on various issues which affect our schools and community, develop and improve leadership skills, and actively participate in solving real community problems through various Service Learning Projects.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SZ103SGS[1,2]

MISCELLANEOUS

SEMINAR

COURSE DESCRIPTION: The Seminar course is an elective designed to support study skills, content area subjects, test-taking skill development, and career and college awareness and readiness.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SZ106SGS[1,2]

SEMINAR - PASS/FAIL

COURSE DESCRIPTION: This course is designed to build student study skills, provide time for additional academic enrichment, and develop social emotional skills while building relationships. This course will allow students to have additional time during school hours to work with their teachers on academic assignments as well as make up quizzes or exams missed.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SZ106GGS[1,2]

STANDARDIZED TEST PREPARATION

COURSE DESCRIPTION: The Standardized Test Preparation course engages students in activities that develop their test taking skills and prepare them to engage successfully in high stakes testing situations. This course prepares students to achieve higher scores on standardized tests. It is designed to assist students in the mastery of proper study skills, test taking techniques, and wise choices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SZ001SGS[1,2]

VALUES CLARIFICATION

COURSE DESCRIPTION: The Values Clarification course examines beliefs, attitudes, and values behind decisions and actions including whether behavior matches stated beliefs, evaluating consequences of choices, and developing a process that will enable the development of personalized values.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SZ105SGS1

IB WORLD RELIGION

COURSE DESCRIPTION: This course engages students in learning to develop their skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). The course seeks to promote an awareness of religious issues in the contemporary world through the study of a diverse range of religions. Students engage in study and project work related to a number of living world religions in a scholarly, open-minded, and objective way.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SQ017SIS[1,2]

LIFE & PHYSICAL SCIENCES

ANATOMY AND PHYSIOLOGY

COURSE DESCRIPTION: A year-long elective collegiate lecture/laboratory course that provides students an in-depth examination of the structures (Anatomy) and functions (Physiology) of the human body. Inquiry standards are used to provide an overview of the human body followed by examinations of various organs and systems. All instructional pedagogy and student engagement are directly related to real-world applications with emphasis on health, medical conditions, physical activity, and sports. Students' multimedia project-based research and presentations demonstrate depth of knowledge of the above concepts. This course is based on the MDE state-adopted standards.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Science/3rd Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS053SGS[1,2]

LIFE & PHYSICAL SCIENCES

ANATOMY AND PHYSIOLOGY, HONORS

COURSE DESCRIPTION: A year-long course, the Honors Anatomy and Physiology course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go more in-depth into the examination of the structures (Anatomy) and functions (Physiology) of the human body. Inquiry standards are used to provide an overview of the human body followed by examinations of various organs and systems. All instructional pedagogy and student engagement are directly related to real-world applications with an emphasis on health, medical conditions, physical activity, and sports. Student's multimedia project-based research and presentations demonstrate depth of knowledge of the above concepts. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/3rd Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS053SHS[1,2]
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ASTRONOMY

COURSE DESCRIPTION: A year-long laboratory science course that explores the universe with emphasis on conceptual understanding, as contrasted with mathematical comprehension. Modern theories, observations, ideas concerning nature, evolution of galaxies, quasars, stars, black holes, planets, and solar systems will be explored. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS004SGS[1,2]
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AP BIOLOGY

COURSE DESCRIPTION: A year-long laboratory science course that is designed to be equivalent to a two-semester college introductory biology course, usually taken by biology majors during their first year. This is an elective science course for students who are highly motivated with a strong interest in science. Major topics of study include biochemistry, cells, cellular energetics, genetics, evolution, classification, organism structure/function and ecology. At the completion of this course, students are expected to take the College Board's AP Biology exam and will receive college credit if they earn the required score determined by the College Board.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS056SAS[1,2]
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NEXT GEN BIOLOGY

COURSE DESCRIPTION: A year-long laboratory science course that investigates the processes of living things, biochemical cycles, and cellular mechanisms that maintain homeostasis. Inquiry standards are taught in the context of stable internal environments, photosynthesis, respiration, mitosis and meiosis, heredity, organization of living things, and evolution. This course is based on the MDE state-adopted standards. The standards in this course are assessed on the Grade 11 Science M-STEP.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051SGS[1,2]
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NEXT GEN BIOLOGY, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Biology. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051NGSYE
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NEXT GEN BIOLOGY, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Biology. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051NGS[1,2]E
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LIFE & PHYSICAL SCIENCES

NEXT GEN BIOLOGY, HONORS

COURSE DESCRIPTION: The honors Biology course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go deeper into topics of investigating processes of living things, biochemical cycles, and cellular mechanisms that maintain homeostasis. Inquiry standards are included in this course. Students are engaged in additional laboratory investigations, and in-depth coverage of biological concepts through project-based activities. This course is based on the MDE state-adopted standards. The standards in this course are assessed on the Grade 11 Science M-STEP.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051SHS[1,2]
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BIOLOGY, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Next Gen Biology. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051VGSYE
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BIOLOGY, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Next Gen Biology. Students will remediate standards using asynchronous module.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051VGS[1,2]E
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BIOLOGY, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a course for credit recovery for Next Gen Biology. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051VNS[1,2]E
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IB BIOLOGY

COURSE DESCRIPTION: A year-long course, IB Biology is the study of life. Students will learn about the vast diversity of species that makes biology both an endless source of fascination and a considerable challenge. Biologists attempt to understand the living world at all levels from the micro to the macro using many different approaches and techniques. This progress is important at a time of growing pressure on the human population and the environment. By studying biology, students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes the sciences. Students will have opportunities to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers, and evaluate and communicate their findings.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS057SIS[1,2]
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AP CHEMISTRY

COURSE DESCRIPTION: A year-long laboratory science course that is designed to be equivalent to a two-semester college introductory Chemistry course usually taken by Science majors during their first year. This is an elective science course for students who are highly motivated with a strong interest in science. Major topics of study include atomic structure, stoichiometry, advanced bonding, thermodynamics, redox/equilibrium, and states of matter. At the completion of this course, students are expected to take the College Board's AP Biology exam and will receive college credit if they earn the required score determined by the College Board.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS106SAS[1,2]
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LIFE & PHYSICAL SCIENCES

AP CHEMISTRY, DP

COURSE DESCRIPTION: A year-long course, AP Chemistry is designed to be equivalent to a two-semester college introductory Chemistry course usually taken by Science majors during their first year. This is an elective science course for students who are highly motivated with a strong interest in science. Major topics of study include atomic structure, stoichiometry, advanced bonding, thermodynamics, redox/equilibrium, and states of matter. At the completion of this course, students are expected to take the College Board's AP Biology exam and will receive college credit if they earn the required score determined by the College Board.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS106DAS[1,2]
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CHEMISTRY

COURSE DESCRIPTION: A year-long laboratory science course that is designed to help students understand basic chemical principles and master problem-solving skills. Students develop an understanding of concepts of chemistry with a focus on chemical bonding, chemical structure, reactions and reactivity, matter and its changing composition, families of elements and equation writing. The performance expectations of the course will focus on scientific practices including developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, constructing explanations and engaging in argument from evidence. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS101SGS[1,2]
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CHEMISTRY, HONORS

COURSE DESCRIPTION: A year-long laboratory science course, Honors Chemistry functions at an accelerated pace. In this course, students study the same content outlined in the general course description but go deeper into topics of chemical bonding, chemical structure, reactions and reactivity, matter and its changing composition, families of elements, and equation writing. The performance expectations of the course will focus on scientific practices including developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, constructing explanations, and engaging in argument from evidence. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS101SHS[1,2]
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CHEMISTRY, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Chemistry. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS101VGSYE
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CHEMISTRY, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Chemistry. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS101VGS[1,2]E
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CHEMISTRY, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a course for credit recovery for Chemistry. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS101VNS[1,2]E
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LIFE & PHYSICAL SCIENCES

IB CHEMISTRY

COURSE DESCRIPTION: A year-long course, IB Chemistry provides students with higher-order investigative experiences and activities to promote a deeper understanding of critical concepts in Chemistry. It will also help students develop the ability to analyze scientific literature critically and develop manipulative and experimental skills necessary to perform college level scientific investigations. Topics include stoichiometry, atomic theory, chemical bonding, states of matter, carbon chemistry, and the periodic table. Students will be required to demonstrate knowledge in experimental methodology, data collection, and the interpretation of experimental data. Theory of Knowledge (TOK) concepts and global connections will be discussed and integrated throughout the course.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Science/Chemistry

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS107SIS[1,2]

ORGANIC CHEMISTRY

COURSE DESCRIPTION: A year-long laboratory course, Organic Chemistry is the chemistry of carbon compounds. Students focus on a qualitative and quantitative analysis of organic compounds, delving into acid and base chemistry, intermolecular forces, kinetics and thermodynamics, and reactivity of carbon-carbon double bonds. The goal of this course is to teach students how to understand the mechanisms of reactions. This course is based on the MDE state-adopted standards.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Science/Chemistry

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS103SGS[1,2]

IB DESIGN TECHNOLOGY

COURSE DESCRIPTION: A year-long course, Design Technology, involves gaining information about the world around us, processing it, and then using it to form a strategy that will improve a given situation or product. It provides students with the knowledge to be able to design and make in school workshops, and to develop an informed literacy about technology in general. Because it is an international curriculum it has a focus on global environmental issues. Students focus on not only the material environment but also the political, social, and economic considerations which affect people's priorities. Students learn how to evaluate existing products and analyze situations so that they can suggest appropriate improvements.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS206SIS[1,2]

NEXT GEN EARTH AND SPACE SCIENCE

COURSE DESCRIPTION: A year-long laboratory science course that explores the processes that shape the Earth and explain the universe. This course will explore the four main branches of Earth Science, which includes geology, oceanography, meteorology, and astronomy. Students will learn in detail about the Earth's interior, the theory of plate tectonics, and Earth's systems and their interactions. Students will also explore the current theories that describe the formation of Earth, our solar system, and the universe. This course is based on the MDE state-adopted standards. *The standards in this course are assessed on the Grade 11 Science M-STEP.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Earth and Space
Science

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS008SGS[1,2]

NEXT GEN EARTH AND SPACE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Next Gen Earth and Space Science. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Earth and Space
Science

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS008NGSYE

NEXT GEN EARTH AND SPACE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Next Gen Earth and Space Science. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Earth and Space
Science

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS008NGS[1,2]E

LIFE & PHYSICAL SCIENCES

EARTH SCIENCE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Earth Science. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Earth and Space
Science

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS001VGSYE

EARTH SCIENCE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Earth Science. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Earth and Space
Science

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS001VGS[1,2]E

EARTH SCIENCE, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a course for credit recovery for Earth Science. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Earth and Space
Science

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS001VNS[1,2]E

ENGINEERING & DESIGN

COURSE DESCRIPTION: In this course, students will continue to participate in the Next Generation Science Standards design cycle, guided by the principles of human-centered design and engineering (HCED). Using big data collection techniques, sensing and 3D-printing, along with HCED design thinking tools, students will develop data-driven designs themselves, for their school and their community. This course will support and deepen the HCED habits of mind and communication tools to explore problems, develop and iterate on solutions and present their designs to stakeholders to their community.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
ST006SGS[1,2]

AP ENVIRONMENTAL SCIENCE

COURSE DESCRIPTION: A year-long course, AP Environmental Science, is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. At the completion of this course, students are expected to take the College Board's AP Environmental Science exam and will receive college credit if they earn the required score determined by the College Board.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS207SAS[1,2]

ENVIRONMENTAL SCIENCE

COURSE DESCRIPTION: A year-long laboratory science course that explores topics on the interactions of humans, other living organisms, and the environment. Content areas include ecology, biotechnology, population, biodiversity, conservation, natural resources, natural hazards, human impact on the earth, global climate change, and human health. This course is based on the MDE state-adopted standards.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS003SGS[1,2]

LIFE & PHYSICAL SCIENCES

ENVIRONMENTAL SCIENCE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Environmental Science. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS003VGSYE

ENVIRONMENTAL SCIENCE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Environmental Science. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS003VGS[1,2]E

ENVIRONMENTAL SCIENCE, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a course for credit recovery for Environmental Science. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS003VNS[1,2]E

IB ENVIRONMENTAL SYSTEMS AND SOCIETIES

COURSE DESCRIPTION: A year-long course, IB Environmental Science, provides students with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS208SIS[1,2]

FORENSICS FOR SCIENCE

COURSE DESCRIPTION: Forensic Science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. Skills include: collecting biological evidence, ethics, fingerprint identification, forensic photography, hair evaluation, and DNA analysis.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SG053SGS[1,2]

GLOBAL HEALTH

COURSE DESCRIPTION: Global Health introduces students to public health on a global scale. Students learn what disease is and investigate how it impacts world populations. By studying different societies, they learn about the relationship between health and socioeconomic development. Students learn how environmental, nutritional, and behavioral risk factors jeopardize health. Then, they learn how communities, the government, and cooperative global efforts can intervene to improve health. Wherever possible, students first study each concept as it applies to their own community, then look at it in a more global context. In many lessons students practice deciphering and interpreting the data they find in tables, charts, graphs, and maps. Students are exposed to working with information compiled by the foremost global health agencies, such as the World Health Organization, the Centers for Disease Control and Prevention, the World Bank, and UNICEF. At the conclusion of the course, students have a chance to explore what it would be like to have a career in global health.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
11–12

COURSE CODE:
SS999GGS1

LIFE & PHYSICAL SCIENCES

MICROBIOLOGY

COURSE DESCRIPTION: A year-long elective collegiate lecture/laboratory course that investigates microscopic organisms, viruses, and other microbes. Inquiry standards are taught in the context of diseases, environmental and industrial ethics issues, and applications, examining the microbes that inhabit our planet and their effect on the biosphere. Biology should be taken as a prerequisite. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS060SGS[1,2]
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NEXT GEN PHYSICAL SCIENCE

COURSE DESCRIPTION: This year-long laboratory science course develops an understanding of the forces and energy involved in atomic and molecular interactions. Students will develop and use models of interactions at the atomic molecular scale to explain observe phenomena and develop a model of the flow of energy and cycles of matter for phenomenon at macroscopic and submicroscopic scales. Scientific practices and engagement with phenomena help illustrate and involve students with disciplinary core ideas. Physical models and computer simulations help students connect observable phenomena with sub-microscopic mechanisms. This course is based on the MDE state-adopted standards. *The standards in this course are assessed on the Grade 11 Science M-STEP.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physical Science	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS159NGS[1,2]
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NEXT GEN PHYSICAL SCIENCE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Next Gen Physical Science. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physical Science	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS159NGSYE
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NEXT GEN PHYSICAL SCIENCE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Next Gen Physical Science. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physical Science	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS159NGS[1,2]E
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PHYSICAL SCIENCE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Grade 9 Next Gen Physical Science. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS159VGSYE
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PHYSICAL SCIENCE, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Grade 9 Next Gen Physical Science. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS159VGS[1,2]E
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LIFE & PHYSICAL SCIENCES

PHYSICAL SCIENCE, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a course for credit recovery for Grade 9 Next Gen Physical Science. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS159VNS[1,2]E
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AP PHYSICS 1

COURSE DESCRIPTION: A year-long course, AP Physics 1, is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. At the completion of this course, students are expected to take the College Board's AP Physics 1 exam and will receive college credit if they earn the required score determined by the College Board.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS165GAS[1,2]
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AP PHYSICS 2

COURSE DESCRIPTION: A year-long course, AP Physics 2, is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. At the completion of this course, students are expected to take the College Board's AP Physics 2 exam and will receive college credit if they earn the required score determined by the College Board.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS166GAS[1,2]
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AP PHYSICS C: MECHANICS

COURSE DESCRIPTION: A year-long course, AP Physics C is a calculus-based, college-level physics course. It covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. At the completion of this course, students are expected to take the College Board's AP Physics C exam and will receive college credit if they earn the required score determined by the College Board.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS164GAS[1,2]
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PHYSICS

COURSE DESCRIPTION: A year-long laboratory science course that examines the relationships between matter and energy, and the importance and applicability of this interaction. Using foundational concepts of physics and basic Algebra I skills, students solve real-life problems. Inquiry standards are taught with a focus on force and motion of objects and electricity and magnetism. Content areas include physics process skills, mechanics, and thermodynamics. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS151SGS[1,2]
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PHYSICS, HONORS

COURSE DESCRIPTION: A year-long laboratory science course, Honors Physics functions at an accelerated pace. In this course, students study the same content outlined in the general course description but go deeper into the relationships between matter and energy, and the importance and applicability of this interaction. Using foundational concepts of physics and basic Algebra I skills, students solve real-life problems. Inquiry standards are taught with a focus on the force and motion of objects and electricity and magnetism. Content areas include: physics process skills, mechanics, and thermodynamics. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS151SHS[1,2]
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LIFE & PHYSICAL SCIENCES

PHYSICS, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Physics. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS151VGSYE
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PHYSICS, VIRT (CR)

COURSE DESCRIPTION: This is a course for credit recovery for Physics. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS151VGS[1,2]E
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PHYSICS, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a course for credit recovery for Physics. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS151VNS[1,2]E
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IB PHYSICS

COURSE DESCRIPTION: A year-long course, IB Physics is the most fundamental of the experimental sciences as it seeks to explain the universe itself, from the very smallest particles to the vast distances between galaxies. Despite the exciting and extraordinary development of ideas throughout the history of physics, observations remain essential to the very core of the subject. Students develop models to try to understand these observations and develop theories to explain them. By studying physics, students become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes the subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results, and evaluate and communicate their findings.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS157SIS[1,2]
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IB PHYSICS II

COURSE DESCRIPTION: A year-long course, IB Physics II keeps with the general aim of IB Experimental Sciences courses. IB Physics promotes the understanding of the facts, patterns, and principles underlying the field of physics; critical analysis, evaluation, prediction, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of physics and scientific advances in physics upon both society and issues of ethical, philosophical, and political importance. Course content is determined by the IB Syllabus for Physics. Laboratory experimentation is an essential part of this course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS157SIS[3,4]
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PLTW HUMAN BODY SYSTEMS

COURSE DESCRIPTION: Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/3rd Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS067SGS[1,2]
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LIFE & PHYSICAL SCIENCES

PLTW MEDICAL INTERVENTIONS

COURSE DESCRIPTION: Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/3rd Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: SS068SGS[1,2]
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PLTW PRINCIPLES OF BIOMEDICAL SCIENCE

COURSE DESCRIPTION: A year-long course that provides an introduction to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and autopsy report. Students will investigate lifestyle choices and medical treatments that may have prolonged the woman's life and demonstrate how the development of disease is related to changes in human body systems.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS066SGS[1,2]
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IB QUALITATIVE ANALYSIS, DP

COURSE DESCRIPTION: A year-long course, IB Qualitative Analysis: Qualitative and Quantitative Analysis are the means by which chemists, biochemists, and scientists in related fields determine the identity, purity, or amount of a chemical of interest. Traditionally these determinations were made using a variety of wet methods – chemical reactions that would give you a yes/no diagnostic result or a molar quantity of reagent added, which could help you find the amount of a known molecule present in your solution. At present, analytical chemistry has turned towards more modern methods – spectroscopic methods that use electromagnetic radiation to similar ends, and chromatography which uses solvent properties to separate compounds. In biochemistry and biomedical science, researchers use a variety of similar methods, along with a variety that derive from antibody recognition. This course will be an exploration of modern analytical methods and the context in which they are embedded. A student will gain exposure to modern research practices, and a leg up for assisting research in internships or their collegiate career. IB Qualitative Analysis and IB Quantitative Analysis are taken concurrently.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SS108DIS1
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IB QUANTITATIVE ANALYSIS, DP

COURSE DESCRIPTION: A year-long course, IB Qualitative Analysis: Qualitative and Quantitative Analysis are the means by which chemists, biochemists, and scientists in related fields determine the identity, purity, or amount of a chemical of interest. Traditionally these determinations were made using a variety of wet methods – chemical reactions that would give you a yes/no diagnostic result or a molar quantity of reagent added, which could help you find the amount of a known molecule present in your solution. At present, analytical chemistry has turned towards more modern methods – spectroscopic methods that use electromagnetic radiation to similar ends, and chromatography which uses solvent properties to separate compounds. In biochemistry and biomedical science, researchers use a variety of similar methods, along with a variety that derive from antibody recognition. This course will be an exploration of modern analytical methods and the context in which they are embedded. A student will gain exposure to modern research practices, and a leg up for assisting research in internships or their collegiate career. IB Qualitative Analysis and IB Quantitative Analysis are taken concurrently.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SS108DIS2
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SCIENCE WELLNESS

COURSE DESCRIPTION: This course provides an introduction to the field of public health sciences through exciting hands-on projects and problems. Student work involves the study of human medicine, epidemiology, food chemistry, research processes, and an introduction to public health and policy. A theme throughout the course is to determine the factors that lead to the obesity epidemic in the U.S., and for students to practice healthy lifestyles as they grow into healthy adults. Students investigate lifestyle choices, medical treatments, heart-healthy lifestyles, and diabetes, in the hopes of reducing their future risk of cardiovascular disease and diabetes.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS069WGS[1,2]
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LIFE & PHYSICAL SCIENCES

SCIENCE, TECHNOLOGY, AND SOCIETY

COURSE DESCRIPTION: In this course, students will continue to participate in the Next Generation Science Standards design cycle, guided by the principles of human-centered design and engineering (HCED). Using big data collection techniques, sensing and 3D-printing, along with HCED design thinking tools, students will develop data-driven designs themselves, for their school and their community. This course will support and deepen the HCED habits of mind and communication tools to explore problems, develop and iterate on solutions, and present their designs to stakeholders to their community.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS210SGS[1,2]

SCIENTIFIC RESEARCH AND DESIGN - STEM LAB

COURSE DESCRIPTION: Using inquiry, reflection, and social implications of essential and core standards, students develop inquiry, exploration, reflection, social implications, and basic research techniques. This course is designed for students with an interest in science and STEM for the purpose of developing their knowledge and skills in independent scientific study and research. Students will learn to develop a research plan based on a specific problem, develop and implement an investigation, collect and analyze information and data, and formulate conclusion(s) based on collected data. Students will write research and present their project(s).

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS212LGS[1,2]

IB SPORTS, EXERCISE, AND HEALTH SCIENCE

COURSE DESCRIPTION: The IB course in sports, exercise, and health science involves the study of the science that underpins physical performance. The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology, and nutrition. Students cover a range of topics and carry out practical (experimental) investigations in both laboratory and field settings. This provides an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimensions and ethics by considering sport, exercise, and health relative to the individual in a global context.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS065SIS[1,2]

SOCIAL SCIENCES & HISTORY

AFRICAN AMERICAN HISTORY

COURSE DESCRIPTION: This course explores the unique African heritage and culture that has influenced the lives of African Americans in the Diaspora. Emphasis is on a greater awareness of the role of African Americans in the development of America and its history. The course will start with the introduction of Africans to the Americas, enslavement, emancipation, political and social challenges, and triumphs through today. The course will also spotlight social, cultural, and political contributions of African Americans on American society.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SH107AGS[1,2]

AP AFRICAN AMERICAN STUDIES

COURSE DESCRIPTION: College Board is piloting a new Advanced Placement course called AP African American Studies. AP African American Studies is a multidisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. The course focuses on four thematic units that move across the instructional year chronologically, providing students opportunities to delve into key topics that extend from the medieval kingdoms of West Africa to the ongoing challenges and achievements of the contemporary moment. Given the multidisciplinary character of African American studies, students in the AP course will develop skills across multiple disciplines, with an emphasis on historical, literary, visual, and data analysis skills. This new course foregrounds a study of the diversity of Black communities in the United States while considering the broader context of Africa and the African diaspora.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SH302SAS[1,2]

SOCIAL SCIENCES & HISTORY

CIVICS

COURSE DESCRIPTION: Through the use of inquiry under the C3 Framework, students explore political systems and structures in order to navigate those systems effectively. They will deepen their knowledge of the United States democratic system through an understanding of constitutional principles. Students will explore current political policy issues both domestic and foreign. Students learn about civic engagement to inspire them to become engaged in our political system. This course is aligned to the Michigan High School Content Expectations and is a semester long course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Civics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH161SGS1
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CIVICS, HONORS

COURSE DESCRIPTION: The honors Civics Social Studies course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go deeper into topics through the study of more primary sources and document-based questions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Civics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH161SHS1
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CIVICS, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Civics. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Civics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH161VGS1E
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CIVICS, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Civics. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Civics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH161VNS1E
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CONTEMPORARY WORLD ISSUES

COURSE DESCRIPTION: This course surveys the political, social, economic, and environmental issues facing contemporary human society. Emphasis will be placed on skill development in analyzing point of view, empathy, research, writing, and argumentation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH064SGS[1,2]
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ECONOMICS

COURSE DESCRIPTION: Through the use of inquiry under the C3 Framework, students explore economic principles and structures in order to navigate those systems effectively. They will deepen their knowledge of the United States economic system from a micro to macro level. Students will explore current economic policy issues both domestically and internationally. Students will also learn wise consumer habits. This course is aligned to the Michigan High School Content Expectations and is a semester long course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Economics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH201SGS1
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ECONOMICS, HONORS

COURSE DESCRIPTION: The honors Economics Social Studies course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go deeper into topics through the study of more primary sources and document-based questions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Economics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH201SHS1
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SOCIAL SCIENCES & HISTORY

ECONOMICS, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Economics. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Economics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH201VGS1E
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ECONOMICS, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for Economics. Students will remediate standards using asynchronous modules..

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Economics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH201VNS1E
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IB ECONOMICS

COURSE DESCRIPTION: The course emphasizes the economic theories of microeconomics, which deal with economic variables affecting individuals, firms and markets, and the economic theories of macroeconomics, which deal with economic variables affecting countries, governments, and societies. These economic theories are not to be studied in a vacuum—rather, they are to be applied to real-world issues. Prominent among these issues are fluctuations in economic activity, international trade, economic development, and environmental sustainability. The economics course encourages students to develop international perspectives, fosters a concern for global issues, and raises students' awareness of their own responsibilities at a local, national, and international level. The course also seeks to develop values and attitudes that will enable students to achieve a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interdependent world. (Adapted from the International Baccalaureate course description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Economics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH206SIS[1,2]
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IB GEOGRAPHY

COURSE DESCRIPTION: In this yearlong IB course, students deepen their understanding of geography to explore beyond the physical landscape and focus on how humans interact with their environment. Students will study various regions around the world gaining an understanding of the landscape, people, and societies that have developed. Students will also gain valuable research and writing skills as they explore intricate global issues. This course is aligned to the International Baccalaureate curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH003SIS[1,2]
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IB GLOBAL POLITICS

COURSE DESCRIPTION: The IB global politics course explores fundamental political concepts such as power, equality, sustainability, and peace in a range of contexts and at a variety of levels. It allows students to develop an understanding of the local, national, international, and global dimensions of political activity, as well as allowing them the opportunity to explore political issues affecting their own lives. This is one of the required International Baccalaureate courses for Category 3: Individuals & Society.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 11–12	COURSE CODE: SH169SIS[1,2]
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IB HISTORY

COURSE DESCRIPTION: The Diploma Programme (DP) history course is a world history course based on a comparative, multi-perspective approach to history and focused around key historical concepts such as change, causation and significance. It involves the study of a variety of types of history, including political, economic, social, and cultural, encouraging students to think historically and to develop historical skills. In this way, the course involves a challenging and demanding critical exploration of the past. The DP history course requires students to study and compare examples from different regions of the world, helping to foster international mindedness. (Adapted from the International Baccalaureate Course Description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH054SIS[1,2]
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SOCIAL SCIENCES & HISTORY

IB HISTORY II

COURSE DESCRIPTION: This is the second course in this sequence. The Diploma Programme (DP) history course is a world history course based on a comparative, multi-perspective approach to history and focused around key historical concepts such as change, causation, and significance. It involves the study of a variety of types of history, including political, economic, social, and cultural, encouraging students to think historically and to develop historical skills. In this way, the course involves a challenging and demanding critical exploration of the past. The DP history course requires students to study and compare examples from different regions of the world, helping to foster international mindedness. (Adapted from the International Baccalaureate Course Description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH054SIS[3,4]
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HISTORY OF AVIATION

COURSE DESCRIPTION: Students learn how the aviation industry is evolving. Students also study the history of aviation and how practices of the past are present today. There is a focus on the influence African Americans have had in the aviation industry as well.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH065SGS[1,2]
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HISTORY OF DETROIT

COURSE DESCRIPTION: The study of local history allows students to develop a sense of identity and pride in their hometown. In this course, students analyze the development of Detroit through primary sources, visuals, and stories that shaped our great city. Students will examine the local history of Detroit to understand the broader context of American historical developments.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH109DGS[1,2]
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HISTORY OF SCIENCE AND MEDICINE

COURSE DESCRIPTION: History of Science and Medicine introduces students to important content, historic people, and historic advances in medicine and science in world history. This course provides students with the background knowledge needed to make progress within their course studies in science and medicine at our school. This course is a precursor to additional history, science, and medicine course at our school and at the post-secondary level if students follow the career path of science and medicine our school offers.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH999SGS1
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HUMANITIES

COURSE DESCRIPTION: In this interdisciplinary course, students explore the arts, literature, painting, music, sculpture, and architecture in the context of significant historical, technological, and scientific developments. Students will use art to understand human responses to the environment and events happening around them. Emphasis will be placed on historical analysis using primary and secondary sources.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH302SGS[1,2]
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LANGUAGES, SOCIETY, AND CULTURE

COURSE DESCRIPTION: In this course students will analyze why language is a social construction and examine how it relates to cultural identity and society. Students will start by exploring what language is, how it relates to the way we think, and how it is shaped by the culture it originates from. Students will learn how language is used and explore cases of intercultural communication. Students will examine the difficulties of translation and how politeness is expressed across cultures. Finally, students will learn about the controversial issue of language loss and examine the reasons that cause it and its implications for cultural identity.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH349LGS[1,2]
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SOCIAL SCIENCES & HISTORY

LAW STUDIES

COURSE DESCRIPTION: In this course, students will explore the functions, principles, and theories of our legal system in order to effectively navigate that system. Through the use of case studies, research, debate, and mock trials, students will gain a better understanding of the law and its impact on everyday life.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SH162SGS[1,2]

AP MACROECONOMICS

COURSE DESCRIPTION: The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. (Adapted from the College Board Advanced Placement Course Description)

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SH204GAS[1,2]

AP MICROECONOMICS

COURSE DESCRIPTION: The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. (Adapted from the College Board Advanced Placement Course Description)

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SH203SAS[1,2]

IB PHILOSOPHY

COURSE DESCRIPTION: The emphasis of the Diploma Programme philosophy course is “doing philosophy,” that is, on actively engaging students in philosophical activity. The course is focused on stimulating students' intellectual curiosity and encouraging them to examine both their own perspectives and those of others. Students are challenged to develop their philosophical voice and to grow into independent thinkers, in addition to engaging with some of the world's most interesting and influential thinkers. The course also develops highly transferable skills such as the ability to formulate arguments clearly, make reasoned judgments, and evaluate highly complex and multifaceted issues. All students study a core theme entitled “Being Human.” This theme provides an opportunity to explore the fundamental question of what it is to be human. This exploration takes place through a discussion of key concepts such as identity, freedom, and human nature, and through a consideration of questions such as what sets humans apart from other species, where the boundaries of being human lie, and whether animals or machines could be considered persons. Students also develop their skills through the study of philosophical themes and close reading of a philosophical text. They learn to apply their philosophical knowledge and skills to real-life situations and to explore how non-philosophical material can be treated in a philosophical way. HL students also engage in a deeper exploration of the nature of philosophy itself. (Adapted from the College Board Advanced Placement Course Description)

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SH309SIS[1,2]

POLITICAL SCIENCE

COURSE DESCRIPTION: Developing student's political competence will be the focus of this course. Students will explore American democracy ideals and its fundamental principles, functions, authority, governance, and impact on citizens. By gaining a deep understanding of the American political system, students will be able to effectively navigate the political forces and institutions that affect their lives.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SH153SGS[1,2]

SOCIAL SCIENCES & HISTORY

AP PSYCHOLOGY

COURSE DESCRIPTION: AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH256SAS[1,2]
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PSYCHOLOGY

COURSE DESCRIPTION: This course surveys the basic theories and principles of elementary psychology that focuses on social behavior, personality, research methods, designing reports, and analyzing theories and concepts. The course will encourage students to develop analytical and research skills in the areas of mind-body connection, consciousness, theories of personality, psychological disorders, the role and effectiveness of treatments, and theories of intelligence.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH254SGS[1,2]
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PSYCHOLOGY, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Psychology. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH254VRS[1,2]E
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IB SOCIAL AND CULTURAL ANTHROPOLOGY

COURSE DESCRIPTION: In studying this course students will come to appreciate how anthropology as a discipline contributes to an understanding of contemporary issues, such as war and conflict, the environment, poverty, injustice, inequality, and human and cultural rights. The study of social and cultural anthropology offers critical insight into the continuities as well as dynamics of social change and the development of societies, and challenges cultural assumptions. Students undertaking this course will have the opportunity to become acquainted with anthropological perspectives and ways of thinking, and to develop critical, reflexive knowledge. Perfectly placed in group 3, individuals and societies, social and cultural anthropology contributes to a distinctive approach to intercultural awareness and understanding. It allows students to develop the capacity to recognize preconceptions and assumptions of their own social and cultural environments through an exploration of both the familiar and unfamiliar worlds of other people. (Adapted from the College Board Advanced Placement Course Description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH253SIS[1,2]
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SOCIOLOGY

COURSE DESCRIPTION: This one semester course is designed to introduce students to the study of society. Special attention will be given to the nature of culture and the role it plays for individual and for society, social interaction, social nature, groups, deviance as a social construct relative to time, place and social circumstances, functions and structure of social institutions, social problems, and how society changes.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH258SGS1
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SOCIOLOGY, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for Sociology. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH258VRS1E
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SOCIAL SCIENCES & HISTORY

IB THEORY OF KNOWLEDGE

COURSE DESCRIPTION: The Diploma Programme (DP) Theory of Knowledge (TOK) course provides an opportunity for students to reflect on the nature of knowledge, and on how we know what we claim to know. This course is central to the IB philosophy. TOK is comprised almost entirely of questions, pushing students to analyze the definition of knowledge and how we know it by focusing on types of evidence, evaluating best models, and real-world implications of theories. Through discussions of these and other questions, students gain greater awareness of their personal and ideological assumptions, as well as developing an appreciation of the diversity and richness of cultural perspectives. (Adapted from the International Baccalaureate course description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH304SIS[1,2]
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U.S. ETHNIC STUDIES

COURSE DESCRIPTION: Ethnic Studies courses operate from the consideration that race and racism, have been, and continue to be, profoundly powerful social and cultural forces in American society. These courses focus on the experiences of African Americans, Asian Americans, Chicanas/os and Latinas/os, Native Americans, and other racialized peoples in the U.S. Courses are grounded in the concrete situations of people of color, and use a methodological framing that emphasizes the structural dimensions of race and racism and the associated cultural dimensions. The major purpose of this course is to educate students to be politically, socially, and economically conscious about their personal connections to local and national history. Ethnic Studies focuses on themes of social justice, social responsibility, and social change. The course spans from past to present, from politics to social reform, allowing students to identify similar social patterns and universal qualities present in societies, including their own. This course will also include an Identity section where students will consider concepts related to their own personal, group, and/or national identity. (Adapted from Los Angeles Unified School District Course Descriptions)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH107SGS[1,2]
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AP U.S. GOVERNMENT AND POLITICS

COURSE DESCRIPTION: AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. (Adapted from the College Board Advanced Placement Course Description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Civics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH157SAS[1,2]
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AP U.S. HISTORY

COURSE DESCRIPTION: This Advanced Placement course invites students to study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. Students act as historians in this course by analyzing primary and secondary sources, developing arguments, analyzing events for change and continuity, analyzing for contextualization, and making historical comparisons. Students use the AP developed themes to connect historical events and developments over time and place: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. (Adapted from the College Board Advanced Placement Course Description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/U.S. History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH104SAS[1,2]
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SOCIAL SCIENCES & HISTORY

U.S. HISTORY & GEOGRAPHY

COURSE DESCRIPTION: Through the use of inquiry under the C3 Framework, students explore the post-Civil War Industrial Age through the present day. Students gain broader awareness of major political, philosophical, and historical underpinnings of our government, which they use to analyze how ideas of freedom and equality have shaped our collective past and explore implications for the future. Within this framework, major geographic themes are infused using historical context. This course is aligned to the Michigan High School Content Expectations and is a yearlong core curriculum course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/U.S. History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH101SGS[1,2]
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U.S. HISTORY & GEOGRAPHY, HONORS

COURSE DESCRIPTION: The honors U.S. History & Geography Social Studies course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go deeper into topics through the study of more primary sources and document-based questions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/U.S. History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH101SHS[1,2]
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U.S. HISTORY & GEOGRAPHY, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for U.S. History & Geography. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/U.S. History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH101VGS[1,2]E
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U.S. HISTORY & GEOGRAPHY, VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for U.S. History & Geography. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/U.S. History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH101VNS[1,2]E
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IB WORLD CIVILIZATIONS I

COURSE DESCRIPTION: The Diploma Programme (DP) history course is a world history course based on a comparative, multi-perspective approach to history and focused around key historical concepts such as change, causation, and significance. It involves the study of a variety of types of history, including political, economic, social, and cultural, encouraging students to think historically and to develop historical skills. In this way, the course involves a challenging and demanding critical exploration of the past. The DP history course requires students to study and compare examples from different regions of the world, helping to foster international mindedness. (Adapted from the International Baccalaureate Course Description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/World Hist & Geo	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH054WIS[1,2]
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SOCIAL SCIENCES & HISTORY

IB WORLD CIVILIZATIONS II

COURSE DESCRIPTION: The Diploma Programme (DP) history course is a world history course based on a comparative, multi-perspective approach to history and focused around key historical concepts such as change, causation, and significance. It involves the study of a variety of types of history, including political, economic, social, and cultural, encouraging students to think historically and to develop historical skills. In this way, the course involves a challenging and demanding critical exploration of the past. The DP history course requires students to study and compare examples from different regions of the world, helping to foster international mindedness. (Adapted from the International Baccalaureate Course Description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/World Hist & Geo	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH054WIS[3,4]
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AP WORLD HISTORY - MODERN

COURSE DESCRIPTION: This Advanced Placement course invites students to analyze six historical periods from 8000 BCE to the present. Students act as historians in this course by analyzing primary and secondary sources, developing arguments, analyzing events for change and continuity, analyzing for contextualization, and making historical comparisons. Students use the AP developed themes to connect historical events and developments over time and place: interactions between the humans and environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. (Adapted from the College Board Advanced Placement Course Description)

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/World History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH067SAS[1,2]
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WORLD HISTORY AND GEOGRAPHY

COURSE DESCRIPTION: Through the use of inquiry under the C3 Framework, students explore the growth and development of major religions, the rise and fall of civilizations and empires, the spread of ideas and technology, the impact of imperialism, nationalism, independence movements, and global conflicts from about 1200 AD to the present. Students will expand their historical thinking skills by analyzing primary sources for context, corroboration, and sourcing. This course is aligned to the Michigan High School Content Expectations and is a year long core curriculum course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/World History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH052SGS[1,2]
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WORLD HISTORY AND GEOGRAPHY, HONORS

COURSE DESCRIPTION: The honors World History and Geography Social Studies course functions at an accelerated pace. In this course students study the same content outlined in the general course description but go deeper into topics through the study of more primary sources and document-based questions.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/World History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH052SHS[1,2]
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WORLD HISTORY AND GEOGRAPHY, VIRT (CR)

COURSE DESCRIPTION: This is a credit recovery course for World History and Geography. Students will remediate standards using asynchronous modules.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/World History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH052VGS[1,2]E
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SOCIAL SCIENCES & HISTORY

WORLD HISTORY AND GEOGRAPHY VIRT (CR, NCAA)

COURSE DESCRIPTION: This is a credit recovery course for World History and Geography. Students will remediate standards using asynchronous modules.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
SS/World History &
Geography

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SH052VNS[1,2]E

BILINGUAL

ALGEBRA I, BILINGUAL

COURSE DESCRIPTION: Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra I

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM052XGS[1,2]

ALGEBRA II, BILINGUAL

COURSE DESCRIPTION: Algebra II course topics include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; and operations with rational and irrational exponents.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Algebra II

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM056XGS[1,2]

BIOLOGY, BILINGUAL

COURSE DESCRIPTION: Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Science/Biology

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS051XGS[1,2]

CALCULUS, BILINGUAL

COURSE DESCRIPTION: Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of precalculus topics (some combination of trigonometry, elementary functions, analytic geometry, and mathematic analysis).

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM121XGS[1,2]

CHEMISTRY, BILINGUAL

COURSE DESCRIPTION: Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Science/Chemistry

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS101XGS[1,2]

BILINGUAL

CIVICS, BILINGUAL

COURSE DESCRIPTION: Civics courses examine the general structure and functions of U.S. systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. These courses do not typically delve to the same degree of detail into constitutional principles or the role of political parties and interest groups as do comprehensive courses in U.S. Government.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
SS/Civics

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SH161XGS1

ECONOMICS, BILINGUAL

COURSE DESCRIPTION: Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
SS/Economics

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SH201XGS1

ENGLISH LANG ARTS I, BILINGUAL

COURSE DESCRIPTION: English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G9

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE001XGS[1,2]

ENGLISH LANG ARTS II, BILINGUAL

COURSE DESCRIPTION: English/Language Arts II (10th grade) courses offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension, and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G10

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE002XGS[1,2]

ENGLISH LANG ARTS III, BILINGUAL

COURSE DESCRIPTION: English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G11

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE003XGS[1,2]

ENGLISH LANG ARTS IV, BILINGUAL

COURSE DESCRIPTION: English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G12

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE004XGS[1,2]

BILINGUAL

GEOMETRY, BILINGUAL

COURSE DESCRIPTION: Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM072XGS[1,2]
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PHYSICS, BILINGUAL

COURSE DESCRIPTION: Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS151XGS[1,2]
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PRECALCULUS, BILINGUAL

COURSE DESCRIPTION: In Precalculus, students focus on functions, rational expressions, polynomial functions, rational functions, exponentials, logarithms, vectors, limits, rates, and trigonometric identities. This course advances at an accelerated pace.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM110XGS[1,2]
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PROBABILITY AND STATISTICS, BILINGUAL

COURSE DESCRIPTION: Probability and Statistics courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM201XGS[1,2]
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AP SPANISH LANGUAGE AND CULTURE, BILINGUAL

COURSE DESCRIPTION: A year-long laboratory science course that investigates the processes of living things, biochemical cycles, and cellular mechanisms that maintain homeostasis. Inquiry standards are taught in the context of stable internal environments, photosynthesis, respiration, mitosis and meiosis, heredity, organization of living things, and evolution. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL064XAS[1,2]
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AP SPANISH LITERATURE AND CULTURE, BILINGUAL

COURSE DESCRIPTION: AP Spanish Literature and Culture is a College Board endorsed Advanced Placement course with specific requirements. In this course, learners participate with ease and confidence in conversations around authentic literature text in social interactions in everyday social and survival situations related to everyday life, personal interests, and studies, and sometimes handle simple transactions with unexpected complications in various time frames. They understand the main idea and few details on various topics and follow stories and descriptions. They write and present on topics they have researched via organized paragraphs. They are consistently understood by native speakers accustomed to interacting with language learners. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions. They recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL065XAS[1,2]
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BILINGUAL

SPANISH I, BILINGUAL

COURSE DESCRIPTION: Learners communicate and exchange basic information about familiar topics related to self, home, family, friends, neighborhood, school, community, professions, and environment using phrases and simple sentences. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. They interact in short, social, everyday situations by asking and answering simple questions. They write short messages, postcards, and simple notes within the context in which the language was learned. They are understood primarily by native speakers who are sympathetic and accustomed to interacting with language learners. They recognize pieces of information (familiar words, phrases, and sentences) within short and simple messages related to everyday life and understand the main topics of what is being said or read. They show awareness of the most obvious cultural differences or culturally unacceptable practices.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL052XGS[1,2]

SPANISH II, BILINGUAL

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed to interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL053XGS[1,2]

SPANISH III, BILINGUAL

COURSE DESCRIPTION: Spanish III courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL054XGS[1,2]

SPANISH IV, BILINGUAL

COURSE DESCRIPTION: Spanish IV courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. Spanish IV courses promote students' understanding of the relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Language/SPN

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SL055XGS[1,2]

U.S. HISTORY & GEOGRAPHY, BILINGUAL

COURSE DESCRIPTION: Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

**GRADUATION
TRACK:**
HS Diploma

REQUIREMENT:
SS/U.S. History &
Geography

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SH101XGS[1,2]

BILINGUAL

WORLD HISTORY & GEOGRAPHY, BILINGUAL

COURSE DESCRIPTION: World History and Geography courses provide an overview of world geography and history. These courses are often developed in response to increased national concern regarding the importance of geography, and they explore geographical concepts.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/World History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH052XGS[1,2]
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PROGRAM/CTE (CHS)

CTE ANIMAL HEALTH & VETERINARY SCIENCE I

COURSE DESCRIPTION: In this initial course, students will explore careers in veterinary medicine. Students will study veterinary terminology, anatomy and physiology, animal health and care, safety and treatment, pet emergency care, and veterinary office practices. Career related activities, projects, and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: SF105SGS[1,2]
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CTE ANIMAL HEALTH & VETERINARY SCIENCE II

COURSE DESCRIPTION: This course is designed to deepen students technical understanding and working knowledge of the veterinary industry. Topics to be covered include practices in the veterinary clinical setting, medical terminology, medical math, clinical examination, laboratory techniques, clinical and office procedures, and ethical and welfare issues. Students will continue the exploration of their pathway through projects and work-based learning experiences, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: SF105SGS[3,4]
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CTE ANIMAL HEALTH & VETERINARY SCIENCE

COURSE DESCRIPTION: In this initial course, students will explore careers in veterinary medicine. Students will study veterinary terminology, anatomy, and physiology, animal health and care, safety and treatment, pet emergency care and veterinary office practices. Career related activities, projects and work-based learning experiences are included, where possible.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CH010903R[1,2]
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CTE ANIMAL HEALTH & VETERINARIAN SCIENCE, SEGQ

COURSE DESCRIPTION: Students can only be enrolled in this advanced-learning course, called Segment Q, if they have completed with a "C" average or better in all courses within the program. The CTC counselor or program instructor must approve student enrollment in this course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 10–12	COURSE CODE: CH010903Q[1,2]
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PROGRAM/CTE (CHS)

CTE AVIATION MAINTENANCE AIRFRAME TECHNICIAN

COURSE DESCRIPTION: This introductory course teaches students in theory and practical, hands-on experiences using the Jeppesen Maintenance textbook and shop/hanger work at the school and airport maintaining district-owned aircraft. Practical experience is also gained through hands-on exercises from the FAA Practical test questions. Students will be trained in aircraft maintenance, run-up procedures, and ground taxiing. Students course of study will also include shop and flight line safety, human factors training, FAA regulations, and advisory circulars.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CC470607R[1,2]
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CTE AVIATION MAINTENANCE AIRFRAME TECHNICIAN, SEGO

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CH470609Q[1,2]
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CTE BUSINESS ADMINISTRATION, MANAGEMENT, AND OPERATIONS I

COURSE DESCRIPTION: This introductory course teaches essential business skills while focusing on professional development and information management. Students will increase their knowledge and experience as well as gaining essential employment skills by learning the roles and responsibilities of an entrepreneur.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH520299R[1,2]
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CTE BUSINESS ADMINISTRATION, MANAGEMENT, AND OPERATIONS II

COURSE DESCRIPTION: This course is designed to focus on financial analysis, economics, and advanced applications. Students will further their knowledge and experience in management support through the study of strategic management, business law, operations, and business processes.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH520299R[3,4]
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CTE BUSINESS ADMINISTRATION, MANAGEMENT, AND OPERATIONS, COMZ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH520299Z[1,2]
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CTE BUSINESS ADMINISTRATION, MANAGEMENT, AND OPERATIONS, WBLE

COURSE DESCRIPTION: This course provides a work-based learning experience at an employer site. The experience may be paid or unpaid and is most often aligned to the career pathway program of study. Emphasis is placed on integrating classroom learning with related work experience and building essential job readiness skills.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH520299W[1,2]
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PROGRAM/CTE (CHS)

CTE COMPUTER AND INFORMATION SYSTEMS SECURITY

COURSE DESCRIPTION: A program that prepares students for computer and network maintenance of security devices, systems, and procedures; which includes security system design, law and regulations, risk assessment, investigation techniques, troubleshooting, and more.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CH111003R[1,2]
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CTE COMPUTER PROGRAMMING/PROGRAMMER

COURSE DESCRIPTION: The Game Development/Computer Programming pathway will be offered for students interested in pursuing careers in the game development industry. Careers that students will be prepared to pursue include game design and systems or gameplay programming.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH110201R[1,2]
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CTE COMPUTER SYSTEMS, NETWORKING, AND TELECOMMUNICATIONS I

COURSE DESCRIPTION: This course provides a study of the computer environment and practice of selected applications on the personal computer. Students will develop skills and learn business-related procedures common to various entry-level technology jobs.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH110901R[1,2]
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CTE COMPUTER SYSTEMS, NETWORKING, AND TELECOMMUNICATIONS II

COURSE DESCRIPTION: This course follows the Cisco® CCNA® curriculum which is primarily designed for Cisco Networking Academy® students who are seeking entry-level information and communication technology (ICT) skills. CCNA provides general networking theory, practical experience, and opportunities for career exploration and soft-skills development.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH110901R[3,4]
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CTE COMPUTER SYSTEMS, NETWORKING, AND TELECOMMUNICATIONS, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH110901Q[1,2]
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CTE DIGITAL MEDIA AND INFORMATION DESIGN

COURSE DESCRIPTION: Multimedia is designed to allow students to become technologically literate. Technology literacy is the ability to use appropriate technologies to create information, communicate ideas, and develop strategies for problem solving and making informed decisions for real world situations. In this class, students will concentrate on learning how to efficiently and effectively use Web Design which is a hands-on introduction to designing, building, and launching websites.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH110801R[1,2]
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CTE DIGITAL MEDIA AND INFORMATION DESIGN, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH110801Q[1,2]
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PROGRAM/CTE (CHS)

CTE EDUCATION GENERAL, COMZ

COURSE DESCRIPTION: This program introduces students to employment possibilities in the field of education/training. The program prepares individuals to begin their formal preparation for careers in teaching/training, administration of teaching/training programs, and/or support services for education/training programs.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: CH130000Z[1,2]
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CTE ENGINEERING TECH

COURSE DESCRIPTION: A program that prepares students to apply basic engineering principles and technical skills in support of engineers who are engaged in a wide variety of projects. Instruction includes various engineering support functions for research, production, operations, and applications to specific engineering specialties.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: CH150000R[1,2]
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CTE ENGINEERING TECH, SEQQ

COURSE DESCRIPTION: A program that prepares students to apply basic engineering principles and technical skills in support of engineers who are engaged in a wide variety of projects. Instruction includes various engineering support functions for research, production, operations, and applications to specific engineering specialties. Students can only be enrolled in this advance-learning course, called Segment Q, if they have completed with a “C” average or better in all courses within the program. The CTC counselor or program instructor must approve student enrollment in this course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: CH150000Q[1,2]
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CTE FINANCE AND FINANCIAL MANAGEMENT SERVICES I

COURSE DESCRIPTION: In this course, students will learn basic financial literacy skills and explore journalizing, posting, and financial reporting. Students may become eligible to earn the EverFi Financial Literacy certification.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH520800R[1,2]
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CTE FINANCE AND FINANCIAL MANAGEMENT SERVICES II

COURSE DESCRIPTION: In this course, students will learn the fundamentals of finance and entrepreneurship while studying cash control. Students may become eligible earn the EverFi Financial Literacy certification.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH520800R[3,4]
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CTE FINANCE AND FINANCIAL MANAGEMENT SERVICES, WBLE

COURSE DESCRIPTION: This course provides a work-based learning experience at an employer site. The experience may be paid or unpaid and is most often aligned to the career pathway program of study. Emphasis is placed on integrating classroom learning with related work experience and building essential job readiness skills.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH520800W[1,2]
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PROGRAM/CTE (CHS)

CTE GRAPHIC PRINT TECHNOLOGIES AND COMMUNICATIONS I

COURSE DESCRIPTION: This introductory course exposes students to the field of graphic design and desktop publishing. This course introduces concept development, thumb-nailing, typography, and image designs. Advanced photo and digital imaging, website design, and concepts of drawing, painting, coloring, shading, and applying texture and layers to create illusionary 3-D images are included. These courses help students investigate printmaking media, techniques, and processes, in addition to providing instruction about the purposeful arrangement of images, symbols, and text to communicate a message.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH100301R[1,2]
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CTE GRAPHIC PRINT TECHNOLOGIES AND COMMUNICATIONS II

COURSE DESCRIPTION: This course introduces concept development, thumb-nailing, typography, and image designs. Advanced photo and digital imaging, website design, and concepts of drawing, painting, coloring, shading, and applying texture and layers to create illusionary 3-D images are included.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH100301R[3,4]
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CTE GRAPHIC PRINT TECHNOLOGIES AND COMMUNICATIONS, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH100301Q[1,2]
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CTE HEALTH INFORMATION AND MEDICAL RECORDS TECHNICIAN

COURSE DESCRIPTION: This introductory course explores Health Informatics and the available career options within the field. Students will discover how critical health information is entered, maintained, and stored securely. Students explore health information systems, insurance coding systems, computerized billing forms, preparation of various types of medical insurances and other third party (billing), claim processing procedures, and basic skills in medical transcription.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH510707R[1,2]
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CTE HEALTH INFORMATION AND MEDICAL RECORDS TECHNICIAN, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH510707Q[1,2]
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CTE HEALTH SERVICES, ALLIED HEALTH, AND HEALTH SCIENCE

COURSE DESCRIPTION: In this course, students learn the importance of safety in the medical industry. Students receive multi-skilled training that is responsive to current changes in the health care industry. Students use anatomy and physiology knowledge while studying medical terminology. Communication, technical skills, and employability are central topics in this course. Students focus on basic medical assisting skills: blood pressure, pulse, respiratory, and up to 53 other nursing skills. Students work in teams while focusing on systems, legal charting, and ethics.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH510000R[1,2]
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PROGRAM/CTE (CHS)

CTE HEALTH SERVICES, ALLIED HEALTH, AND HEALTH SCIENCE, WBLE

COURSE DESCRIPTION: This course provides a work-based learning experience at an employer site. The experience may be paid or unpaid and is most often aligned to the career pathway program of study. Emphasis is placed on integrating classroom learning with related work experience and building essential job readiness skills.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH510000W[1,2]
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CTE HOSPITALITY AND TOURISM MANAGEMENT

COURSE DESCRIPTION: A program that teaches students careers in the hospitality industry: lodging, food and beverage operations, tourism, travel, and event management.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CC520901R1
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CTE MECHANICAL DRAFTING I

COURSE DESCRIPTION: This is an introductory computer aided drawing and design course. It will provide the student with an overview of drawings produced with the use of the computer. Students will explore software capability by generating various configurations and develop operational skills to include among others; input of graphic commands, editing, filing, imaging, rotating and copying, plotting, and printing for drawings.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH151306R[1,2]
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CTE MECHANICAL DRAFTING I, DP

COURSE DESCRIPTION: This is an introductory computer aided drawing and design course. It will provide the student with an overview of drawings produced with the use of the computer. Students will explore software capability by generating various configurations and develop operational skills to include among others; input of graphic commands, editing, filing, imaging, rotating and copying, plotting, and printing for drawings.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH151306D[1,2]
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CTE MECHANICAL DRAFTING II

COURSE DESCRIPTION: This course covers the fundamentals of blueprint reading as applied to specific problems. Designed for pre-engineers, draftsmen, machine operators, machine repairmen, electronic technicians, inspectors, and supervisors.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH151306R[3,4]
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CTE MECHANICAL DRAFTING II, DP

COURSE DESCRIPTION: This course covers the fundamentals of blueprint reading as applied to specific problems. Designed for pre-engineers, draftsmen, machine operators, machine repairmen, electronic technicians, inspectors, and supervisors.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH151306D[3,4]
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CTE MECHANICAL DRAFTING, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH151306Q[1,2]
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PROGRAM/CTE (CHS)

CTE PUBLIC SAFETY AND PROTECTION SERVICES I

COURSE DESCRIPTION: This course begins with history, traditions, terminology, organization, and operation of the service. This course is primarily designed to cover the basic concepts of fire science and safety, and to introduce students to the physical rigors of firefighting. This course is taught at the Detroit Fire Department Training Facility by Detroit Fire trainers.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH430100R[1,2]
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CTE PUBLIC SAFETY AND PROTECTION SERVICES, COMZ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH430100Z[1,2]
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CTE RADIO AND TV BROADCASTING TECHNOLOGY I

COURSE DESCRIPTION: In this introductory course, students will learn the fundamentals of theory, pre-production, and production. During the second semester of this course, students will continue their study of theory, pre-production, and production.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH100202R[1,2]
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CTE RADIO AND TV BROADCASTING TECHNOLOGY II

COURSE DESCRIPTION: In this course, students will gain leadership and employability skills while studying media's effect on society and post-production. During the last semester of this course, students will explore emerging technology, post-production, and employment.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH100202R[3,4]
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CTE RADIO AND TV BROADCASTING TECHNOLOGY, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH100202Q[1,2]
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CTE RADIO AND TV BROADCASTING TECHNOLOGY, WBLE

COURSE DESCRIPTION: This course provides a work-based learning experience at an employer site. The experience may be paid or unpaid and is most often aligned to the career pathway program of study. Emphasis is placed on integrating classroom learning with related work experience and building essential job readiness skills.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH100202W[1,2]
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CTE SPECIALIZED MERCHANDISING, SALES, AND MARKETING OPERATIONS I

COURSE DESCRIPTION: In this course, students are introduced to the basic functions of marketing, economics, and customer relations. Students will become familiar with selling, promotion, and distribution.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH521999R[1,2]
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PROGRAM/CTE (CHS)

CTE SPECIALIZED MERCHANDISING, SALES, AND MARKETING OPERATIONS II

COURSE DESCRIPTION: This course focuses on marketing information management and product planning. Students explore the concepts of entrepreneurship and career development.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH521999R[3,4]
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CTE SPECIALIZED MERCHANDISING, SALES, AND MARKETING OPERATIONS, COMZ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH521999Z[1,2]
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PROGRAM/CTE (CTC)

CTC AERONAUTICS, AVIATION, AEROSPACE SCIENCE, AND TECHNOLOGY

COURSE DESCRIPTION: This introductory course teaches students both theory and practical experiences through Ground School and actual professional flight. Students focus on the fundamentals of flight as well as flight and pre-flight procedures. Students study human factors, airplane, and powerplant systems. Students study aerodynamics, the flight environment, communication and flight information, performance, and navigation.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC490101R[1,2]
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CTC AERONAUTICS, AVIATION, AEROSPACE SCIENCE, AND TECHNOLOGY, COMZ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC490101Z[1,2]
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CTC AIRLINE PRIVATE PILOT

COURSE DESCRIPTION: This CTE program prepares students to apply technical knowledge and skills to the flying and/or navigation of commercial passenger and cargo, agricultural, public service, corporate, and rescue fixed-wing aircraft. Instruction includes principles of aircraft design and performance, aircraft flight systems and controls, flight crew operations and procedures, radio communications, navigation procedures and systems, airways safety and traffic regulations, and governmental rules and regulations pertaining to piloting aircraft. Students can also take the Federal Aviation Administration (FAA) commercial and airline aircrew examinations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC490102R[1,2]
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CTC AUTO TECH (ASE CERT) I

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses. In semester two of this course, students will learn about horn, wiper/washer, accessories, fuel system, air induction, exhaust system, brakes, and hydraulic system diagnosis and repair. They'll also learn to diagnose and repair miscellaneous (wheel bearing, parking brake, electrical, etc.) systems.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470604R[1,2]
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PROGRAM/CTE (CTC)

CTC AUTO TECH (ASE CERT) II

COURSE DESCRIPTION: This course focuses student learning on the diagnosis and repair of suspension systems, steering systems, wheels and tires, drum and disc brake systems, and anti-lock brake/traction control systems. Students will also practice leadership, customer service, and teamwork skills. The culminating semester of this course focuses on automotive service repair competencies with an emphasis on professional service and diagnostic procedures. They learn the operation of automotive systems and perform hands-on job orders relative to: engine performance, brakes, steering/suspension, electrical/electronic systems, and engine repair. Students who successfully complete these courses are expected to take the Michigan Mechanic Certification Examination(s).

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470604R[3,4]
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CTC AUTO TECH (ASE CERT), COMZ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470604Q[1,2]
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CTC COLLISION REPAIR TECH (ASE CERT) I

COURSE DESCRIPTION: In this introductory course students explore the auto body shop while studying and learning the importance of shop safety. Students will also learn about collision repair careers. Students are introduced to paint spraying equipment, car surface preparation, as well as mixing and applying paints and primers.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470603R[1,2]
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CTC COLLISION REPAIR TECH (ASE CERT) II

COURSE DESCRIPTION: In this course of the program sequence, students study car and panel detailing, damage analysis/estimating, and refinishing certifications. Students use advanced refinish equipment while studying advanced color mixing/refining and paint problems/defects.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470603R[3,4]
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CTC COLLISION REPAIR TECH (ASE CERT), SEGO

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470603Q[1,2]
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CTC COMPUTER SYSTEMS NETWORKING AND TELECOMMUNICATION

COURSE DESCRIPTION: In this course, students study database fundamentals, programming, decision making and coding principles. Students focus on email and personal information management/internet services and tools, internet security, and IT project management.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC110901R[1,2]
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PROGRAM/CTE (CTC)

CTC CONSTRUCTION TRADES

COURSE DESCRIPTION: This course introduces students to the basic concepts of carpentry, masonry, and plumbing. Students will identify and safely operate all hand and power tools used in the trade. This course emphasizes safety and career awareness. Students begin to conduct advance builds and repairs in carpentry, masonry, and plumbing. Students also have an opportunity to earn OSHA 10 or OSHA 30 certifications.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC460000R[1,2]
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CTC CONSTRUCTION TRADES, SEGQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC460000Q[1,2]
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CTC COOKING AND RELATED CULINARY ARTS, COMZ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC120500Z[1,2]
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CTC COOKING AND RELATED CULINARY ARTS

COURSE DESCRIPTION: In this course, students are introduced to basic culinary arts and services, sanitation and safety, and employment opportunities. Students have the opportunity to rotate through all areas of employment in a commercial food establishment. Students explore the gourmet cuisines and services, strengthening their basic skills.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC120500R[1,2]
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CTC COSMETOLOGY I

COURSE DESCRIPTION: This course provides training in the care and services that are directed toward beautifying the hair, skin, and nails. Students learn and practice cosmetology laws and rules, as well as safety and sanitation. Students explore careers in cosmetology and the services of beauty culture such as manicuring, arching, makeup, and facials are all demonstrated and practiced.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC120400R[1,2]
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CTC COSMETOLOGY II

COURSE DESCRIPTION: This course focuses on learning and practicing client communications, scalp and hair treatments, and chemical hair restructuring. This course also features a study of applied chemistry while learning and practicing the art of hair coloring. Students receive instruction in anatomy, physiology, bacteriology, electricity, and salon management.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC120400R[3,4]
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CTC COSMETOLOGY, SEGQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC120400Q[1,2]
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PROGRAM/CTE (CTC)

CTC DRAFTING AND DESIGN TECHNOLOGY (ARCHITECTURE)

COURSE DESCRIPTION: This is an introductory computer aided drawing and design course. It will provide the student with an overview of drawings produced with the use of the computer. Students will explore software capability by generating various configurations and develop operational skills to include among others; input of graphic commands, editing, filing, imaging, rotating and copying, plotting, and printing for drawings.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC151301R[1,2]
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CTC DRAFTING AND DESIGN TECHNOLOGY (ARCHITECTURE), SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC151301Z[1,2]
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CTC ELECTRICAL AND POWER TRANSMISSION INSTALLATION

COURSE DESCRIPTION: In this course, students learn basic electrical theory; as well as the basics of commercial wiring. Students are able to wire a small home with supervision.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC460301R[1,2]
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CTC ELECTRICAL AND POWER TRANSMISSION INSTALLATION II

COURSE DESCRIPTION: In this course, students learn basic commercial and industrial wiring skills such as symbols, relays, and contractors.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC460301R[3,4]
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CTC ELECTRICAL AND POWER TRANSMISSION INSTALLATION, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC460301Q[1,2]
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CTC GRAPHIC PRINTING, TECHNOLOGIES, AND COMMUNICATIONS

COURSE DESCRIPTION: This introductory course exposes students to the field of graphic design and desktop publishing. This course introduces concept development, thumb-nailing, typography, and image designs. Advanced photo and digital imaging, website design, and concepts of drawing, painting, coloring, shading, and applying texture and layers to create illusionary 3-D images are included.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC100301R[1,2]
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CTC GRAPHIC PRINTING, TECHNOLOGIES, AND COMMUNICATIONS, COMZ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC100301Z[1,2]
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PROGRAM/CTE (CTC)

CTC GRAPHIC PRINTING, TECHNOLOGIES, AND COMMUNICATIONS, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CC100301Q[1,2]
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CTC GRAPHIC PRINTING, TECHNOLOGIES, AND COMMUNICATIONS, WBLE

COURSE DESCRIPTION: This course provides a work-based learning experience at an employer site. The experience may be paid or unpaid and is most often aligned to the career pathway program of study. Emphasis is placed on integrating classroom learning with related work experience and building essential job readiness skills.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CC100301Q[1,2]
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CTC HEATING, A/C, VENTILATION, AND REFRIGERATION I

COURSE DESCRIPTION: In this course, students install and service various types of climate control systems, read wiring diagrams, learn troubleshooting techniques using multi-meters and other testing equipment, recover refrigerant and charging systems, and learn solder and brazing techniques. This course also focuses on gas heat and troubleshooting procedures. Students learn to recognize and calculate problems in heating systems. Students are introduced to specialized tools and equipment used to accomplish these tasks.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470201R[1,2]
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CTC HEATING, A/C, VENTILATION, AND REFRIGERATION II

COURSE DESCRIPTION: In this course, students learn to locate system malfunction with heating, cooling, and refrigeration systems. Students focus on using electrical testing instruments and qualifying as an entry level H-VAC technician. Portfolios will be developed as students prepare to sit for the EPA Certification (Stationary HVACR Systems and Equipment).

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470201R[3,4]
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CTC HEATING, A/C, VENTILATION, AND REFRIGERATION, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470201Q[1,2]
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CTC HOME FURNISHINGS, EQUIPMENT INSTALLERS, AND CONSULTANTS

COURSE DESCRIPTION: In this introductory course, students learn measurement techniques and drafting. Students are also introduced to the principles and elements of design and color theory. Students further develop employability skills through the practice of leadership and teamwork. Students practice methods of painting, drywall, and design techniques.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC190605R[1,2]
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CTC HOME FURNISHINGS, EQUIPMENT INSTALLERS, AND CONSULTANTS, SEQQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC190605Q[1,2]
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PROGRAM/CTE (CTC)

CTC MECHATRONICS I

COURSE DESCRIPTION: In this course, students will explore the integrated principles from four engineering disciplines: electrical, mechanical, computer, and industrial. Students will learn about robots, machines, electronics, hydraulics and pneumatics, electrical motor controls, sensors, computer-aided design (CAD), programming, programmable logic controls (PLC), diagnostics, computer numeric control (CNC), and other topics that together form the basis of "smart" devices used in robotics and advanced automated systems. Concepts will intersect through a combination of learning strategies including: hands-on learning, computer-based lessons, use of high-tech trainers and equipment, industry experts and site visits, and student-created projects that apply learning and allow students to develop novel solutions to challenges.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
CC144201R[1,2]

CTC MECHATRONICS II

COURSE DESCRIPTION: In this second year course, students will incorporate and build upon their knowledge of mechatronics learned in the first year through more complex, project-based application. Additional opportunity for work-based learning, student leadership, and competition will be incorporated.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
CC144201R[3,4]

CTC MECHATRONICS, SEQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
CC144201Q[1,2]

CTC PUBLIC SAFETY AND PROTECTION SERVICES I

COURSE DESCRIPTION: This course allows students to explore services designed to protect persons and property against crime. Students gain knowledge in public and private law enforcement, investigations, CPR, and first aid.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
CC430100R[1,2]

CTC PUBLIC SAFETY AND PROTECTION SERVICES II

COURSE DESCRIPTION: This course explores ethics, patrol, special investigations, handcuffing skills, operation of fire fighting equipment, laws and constitutions, and report writing techniques.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
CC430100R[3,4]

CTC PUBLIC SAFETY AND PROTECTION SERVICES, SEQ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
CC430100Q1

CTC SPECIALIZED MERCHANDISING, SALES, AND MARKETING OPERATIONS

COURSE DESCRIPTION: In this course, students are introduced to the basic functions of marketing, economics, and customer relations. Students become more familiar with selling, promotion, distribution, and entrepreneurship experiences.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
1.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
CC521999R[1,2]

PROGRAM/CTE (CTC)

CTC SPECIALIZED MERCHANDISING, SALES, AND MARKETING OPERATIONS, SEGO

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC521999Z[1,2]
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CTC WELDING, BRAZING, AND SOLDERING

COURSE DESCRIPTION: In this introductory course, students receive an occupational orientation that focuses on the safety and health for welders. Students also are introduced to shielding and metal arc welding. Students are trained in the complete comprehensive basics of welding, cutting, and fabrication. Students gain experience with oxyacetylene welding, brazing, shielded metal and gas tungsten arc welding. Students are exposed to gas cutting, drawing, and welding symbols.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC480508R[1,2]
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CTC WELDING, BRAZING, AND SOLDERING, SEGO

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC480508Q[1,2]
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CTE APPLIED HORTICULTURE AND OPERATIONS

COURSE DESCRIPTION: A program focusing on the general production and processing of domesticated plants, shrubs, flowers, foliage, trees, ground covers, and related plant materials, the management of technical and business operations connected with horticultural services, and the basic scientific principles needed to understand plants and their management and care.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CC010601R[1,2]
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CTE APPLIED HORTICULTURE AND OPERATIONS, COMZ

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 10–12	COURSE CODE: CC010601Z1
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CTE AVIATION MAINTENANCE AND AIRFRAME TECH

COURSE DESCRIPTION: This introductory course teaches students in theory and practical, hands-on experiences using the Jeppesen Maintenance textbook and shop/hanger work at the school and airport maintaining district-owned aircraft. Practical experience is also gained through hands on exercises from the FAA Practical test questions. Students will be trained in aircraft maintenance run-up procedures and ground taxiing. Students course of study will also include shop and flight-line safety, human factors training, FAA regulations, and advisory circulars.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CH470609R1
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CTE AVIATION MAINTENANCE AND AIRFRAME TECH, SEGO

COURSE DESCRIPTION: This course provides advanced coursework and further technical training for students who have completed their approved CTE program. The course may lead to industry-recognized certifications and/or licenses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 1.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: CC470607Q[1,2]
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PROGRAM/CTE (CTC)

CTE LINEWORKER

COURSE DESCRIPTION: A program that prepares students to apply technical knowledge and skills to install, operate, maintain, and repair local, long-distance, and rural electric power cables and communication lines; erect and construct pole and tower lines; and install underground lines and cables.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: CC460303R[1,2]
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CTE LINEWORKER, SEGQ

COURSE DESCRIPTION: A program that prepares students to apply technical knowledge and skills to install, operate, maintain and repair local, long-distance, and rural electric power cables and communication lines; erect and construct pole and tower lines; and install underground lines and cables.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: CC460303Q[1,2]
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ENGLISH LANGUAGE LEARNERS

ALGEBRA I, ESL

COURSE DESCRIPTION: Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Algebra I	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM052SLS[1,2]
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ALGEBRA II, ESL

COURSE DESCRIPTION: Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; and operations with rational and irrational exponents.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Algebra II	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM056SLS[1,2]
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BIOLOGY, ESL

COURSE DESCRIPTION: Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051SLS[1,2]
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CALCULUS, ESL

COURSE DESCRIPTION: Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of precalculus topics (some combination of trigonometry, elementary functions, analytic geometry, and mathematic analysis).

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM121SLS[1,2]
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ENGLISH LANGUAGE LEARNERS

CHEMISTRY, ESL

COURSE DESCRIPTION: Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS101SLS[1,2]
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CIVICS, ESL

COURSE DESCRIPTION: Civics courses examine the general structure and functions of U.S. systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. These courses do not typically delve to the same degree of detail into constitutional principles or the role of political parties and interest groups as do comprehensive courses in U.S. Government.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Civics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH161SLS1
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ECONOMICS, ESL

COURSE DESCRIPTION: Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Economics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH201SLS1
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ENGLISH AS A SECOND LANGUAGE

COURSE DESCRIPTION: Courses involve content that is not differentiated by subject area. These courses focus on content that is grade-specific and cover various subjects throughout the day, rather than a single subject-specific content area. Specific course content depends upon state standards and English Language Development Standards (ELDS) with an alignment to WIDA Can Do Strategies.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE008SLS[1,2]
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ENGLISH/LANGUAGE ARTS I, ESL

COURSE DESCRIPTION: English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G9	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE001SLS[1,2]
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ENGLISH/LANGUAGE ARTS II, ESL

COURSE DESCRIPTION: English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G10	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE002SLS[1,2]
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ENGLISH LANGUAGE LEARNERS

ENGLISH/LANGUAGE ARTS III, ESL

COURSE DESCRIPTION: English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G11	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE003SLS[1,2]
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ENGLISH/LANGUAGE ARTS IV, ESL

COURSE DESCRIPTION: English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G12	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SE004SLS[1,2]
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GEOMETRY, ESL

COURSE DESCRIPTION: Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM072SLS[1,2]
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PHYSICS, ESL

COURSE DESCRIPTION: Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Physics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS151SLS[1,2]
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PRECALCULUS, ESL

COURSE DESCRIPTION: Precalculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Mathematic Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM110SLS[1,2]
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PROBABILITY AND STATS, ESL

COURSE DESCRIPTION: Probability and Statistics courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM201SLS[1,2]
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ENGLISH LANGUAGE LEARNERS

SPANISH I, ESL

COURSE DESCRIPTION: Learners participate in conversations on a number of familiar topics beyond self, school, and home in simple sentences. They participate in short social interactions in everyday social and survival situations that may present some complications by asking and answering simple questions. They are consistently understood by native speakers accustomed to interacting with language learners. Learners write briefly about most familiar topics and present information using a series of simple sentences. They can understand the main idea in short, simple messages about familiar topics. They recognize and use some culturally appropriate vocabulary, expressions, and gestures when participating in everyday interactions and recognize that differences exist in cultural behaviors and perspectives and can conform in familiar situations.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL052SLS[1,2]
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SPANISH II, ESL

COURSE DESCRIPTION: Spanish II courses build upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL053SLS[1,2]
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SPANISH III, ESL

COURSE DESCRIPTION: Spanish III courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL054SLS[1,2]
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SPANISH IV, ESL

COURSE DESCRIPTION: Spanish IV courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. Spanish IV courses promote students' understanding of the relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SL055SLS[1,2]
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U.S. HISTORY AND GEOGRAPHY, ESL

COURSE DESCRIPTION: U.S. History—Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/U.S. History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH101SLS[1,2]
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WORLD HISTORY AND GEOGRAPHY, ESL

COURSE DESCRIPTION: In addition to covering the objectives of World History—Overview courses, World History and Geography courses provide an overview of world geography. These courses are often developed in response to increased national concern regarding the importance of geography, and they explore geographical concepts.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/World History & Geography	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH052SLS[1,2]
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EXCEPTIONAL STUDENT EDUCATION

ADAPTIVE AQUATICS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course emphasizes swimming skills modified and adapted to accommodate students with disabilities. It focuses on skills including pool entry and exit, water safety and survival, and swimming skill development. Additionally, the pool's temperature is adapted to help student circulation, attention span, and comfort. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Adaptive Aquatics - [A,B] (SP010GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SP010SGS[1,2]A
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AFRICAN AMERICAN HISTORY

COURSE DESCRIPTION: This course explores the unique African heritage and culture that has influenced the lives of African Americans in the Diaspora. Emphasis is on a greater awareness of the role of African Americans in the development of America and its history. The course will start with the introduction of Africans to the Americas, enslavement, emancipation, and the political and social challenges and triumphs through today. The course will also spotlight social, cultural, and political contributions of African Americans on American society.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SH107AWS[1,2]
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ALGEBRA I

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. In Algebra I, students learn representations of functions using graphs, tables, equations, and contexts. The course focuses on solving equations and inequalities using a variety of strategies. Students solve systems of two equations and inequalities with two variables using a variety of strategies. Students analyze representations of arithmetic and geometric sequences, use exponential models to solve problems, and investigate a variety of functions including square root, cube root, absolute value, piecewise-defined, step, and simple inverse functions. The course also includes study of statistical analysis of two-variable data and distributions of one-variable data.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Algebra I	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM052SWS[1,2]
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ALGEBRA II

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. In Algebra II, students visualize, express, interpret, describe, and graph functions (and their inverses, in many cases). Students will represent functions with an equation, and vice-versa, and transform graphs, including those from the following function families: absolute value, exponential, linear, logarithmic, piecewise-defined, polynomial, quadratic, square root, and trigonometric. Students will recognize the connections among multiple representations. Students rewrite rational expressions, perform arithmetic operations on polynomials, and study the relationship between zeros and factors of polynomials.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Algebra II	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM056SWS[1,2]
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BIOLOGY

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. A year-long laboratory science course that investigates the processes of living things, biochemical cycles, and cellular mechanisms that maintain homeostasis. Inquiry standards are taught in the context of stable internal environments, photosynthesis, respiration, mitosis and meiosis, heredity, organization of living things, and evolution. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051SWS[1,2]
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EXCEPTIONAL STUDENT EDUCATION

CHEMISTRY

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. A year-long laboratory science course that is designed to help students understand basic chemical principles and master problem-solving skills. Students develop an understanding of concepts of chemistry with a focus on chemical bonding, chemical structure, reactions and reactivity, matter and its changing composition, families of elements, and equation writing. The performance expectations of the course will focus on scientific practices including developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, constructing explanations, and engaging in argument from evidence. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS101SWS[1,2]
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CIVICS

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. Through the use of inquiry under the C3 Framework, students explore political systems and structures in order to navigate those systems effectively. They will deepen their knowledge of the United States democratic system through an understanding of constitutional principles. Students will explore current political policy issues both domestic and foreign. Students learn about civic engagement to inspire them to become engaged in our political system. This course is aligned to the Michigan High School Content Expectations and is a semester long course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Civics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH161SWS1
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COMPUTER APPLICATIONS

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. Computer Applications is an online course supported through the use of specialized instruction and resources to meet the unique needs of students with IEPs. This course introduces students to the features and functionality of the most widely used productivity software in the world: Microsoft Office. Through video instruction, interactive skill demonstrations, and numerous hands-on practice assignments, students learn to develop, edit, and share Office documents for both personal and professional use. By the end of this course, students will have developed basic proficiency in the most common tools and features of the Microsoft Office suite of applications: Word, Excel, PowerPoint, and Outlook.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SI004SWS[1,2]
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NEXT GEN EARTH AND SPACE SCIENCE

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. A year-long laboratory science course that explores the processes that shape the Earth and explain the universe. This course will explore the four main branches of Earth Science, which includes the following: geology, oceanography, meteorology, and astronomy. Students will learn in detail about the Earth's interior and the theory of plate tectonics and Earth's systems and their interactions. Students will also explore the current theories that describe the formation of Earth, our Solar System, and the universe. This course is based on the MDE state-adopted standards.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS008SWS[1,2]
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ECONOMICS

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. Through the use of inquiry under the C3 Framework, students explore economic principles and structures in order to navigate those systems effectively. They will deepen their knowledge of the United States economic system from a micro to macro level. Students will explore current economic policy issues both domestically and internationally. Students will also learn wise consumer habits. This course is aligned to the Michigan High School Content Expectations and is a semester long course.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Economics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH201SWS1
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EXCEPTIONAL STUDENT EDUCATION

ENGLISH LANGUAGE ARTS I

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The ninth grade English Language Arts I course engages students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards for ninth grade. The course specifically builds content around core themes and essential questions that drive classroom instructional routines to facilitate critical thinking, and college and career readiness. Students will engage in close reading, collaborative discussions, analysis of text details, analysis of craft and structure, style, tone, and word choice analysis through multiple entries into fiction, nonfiction, and informational texts. The course focuses on reading of diverse texts through national and world perspectives, excerpts and full-texts of literature, and novel studies. Students will engage in various modes of writing such as narrative, explanatory, informational, argumentative, and nonfiction narrative writing. Student knowledge in grammar, mechanics, and usage will also be reinforced through interaction with literature.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G9

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE001SWS[1,2]

ENGLISH LANGUAGE ARTS II

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The tenth grade English Language Arts II course continues engagement of students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards for tenth grade. The course specifically builds content around core themes and essential questions that drive classroom instructional routines to facilitate critical thinking, and college and career readiness. Students will engage in close reading, collaborative discussions, analysis of text details, analysis of craft and structure, style, tone, and word choice analysis through multiple entries into fiction, nonfiction, and informational texts. The course focuses on reading of diverse texts through national and world perspectives, excerpts and full-texts of literature, and novel studies that foster the analysis of stories, characters, and informational text that allow for conclusions about human condition. Students will engage in writing in various modes such as narrative, explanatory, informational, argumentative, and nonfiction narrative writing. Student knowledge in grammar, mechanics, and usage will also be reinforced through interaction with literature.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G10

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE002SWS[1,2]

ENGLISH LANGUAGE ARTS III

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The eleventh grade English Language Arts III course continues engagement of students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards for eleventh grade. The course specifically builds content around core themes and essential questions that drive classroom instructional routines to facilitate critical thinking, and college and career readiness. Students will engage in close reading, collaborative discussions, analysis of text details, analysis of craft and structure, style, tone, and word choice analysis through multiple entries into fiction, nonfiction, and informational texts. The course deepens understanding of the impact of language on culture and language's ability to drive initiatives within society. The course focuses on reading of diverse texts through analysis of seminal and other historical founding documents, and historical events and experiences through excerpts, poetry, short stories, full-texts of literature, and novel studies that foster critical analysis. Students will engage in writing in various modes such as narrative, explanatory, informational, argumentative, and nonfiction narrative writing. Student knowledge in grammar, mechanics, and usage will also be reinforced through interaction with literature.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G11

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE003SWS[1,2]

EXCEPTIONAL STUDENT EDUCATION

ENGLISH LANGUAGE ARTS IV

COURSE DESCRIPTION: Only Schedule ESE students on the High School Diploma Track in this course. The twelfth grade English Language Arts IV course continues engagement of students in activities that develop skills in reading, writing, speaking, and listening. Course curriculum is aligned to the Reading Literature, Reading Informational Text, Writing, Speaking and Listening, and Language domains of the Michigan Common Core State Standards for twelfth grade. The course specifically builds content around core themes and essential questions that drive classroom instructional routines to facilitate critical thinking, and college and career readiness. Students will engage in close reading, collaborative discussions, analysis of text details, analysis of craft and structure, style, tone, and word choice analysis through multiple entries into fiction, nonfiction and informational texts. The course deepens understanding of the impact of language on culture and language's ability to drive initiatives within society. The course offers an immersion into British literature through canonical themes, poetry, plays, full-texts of literature, and novel studies that foster critical analysis. Students will engage in writing in various modes such as narrative, explanatory, informational, argumentative, and nonfiction narrative writing. Student knowledge in grammar, mechanics, and usage will also be reinforced through interaction with literature.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
English/G12

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE004SWS[1,2]

ESSENTIALS ADAPTED HEALTH AND FITNESS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course is designed for students with IEPs and will concentrate on utilizing exercise equipment with the appropriate modifications for students requiring adaptive equipment and adaptations for physical activity. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Independence Adapted Health and Fitness [A,B] (SP052GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
N/A

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SP052ADS[1,2]

ESSENTIALS ADAPTED PHYSICAL EDUCATION

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. A basic physical education course stressing fitness, conditioning, individual sports skills and seasonal sports. This course includes the development of basic movement skills through instruction in a variety of physical activities. This course is modified to fit the needs of students who may require adaptations per their individualized educational plan. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Independence Adapted Physical Ed [A,B] (SP001GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
N/A

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
14

COURSE CODE:
SP001SDS[1,2]

ESSENTIALS ADAPTED TEAM SPORTS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course will cover the same content as Team Sports A/B. Instruction is modified as necessary for students with an Individualized Educational Plan. It is for the student who requires adaptive physical education. Individual needs are supported by the student's IEP inclusive of accommodations and modifications. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Independence Adapted Team Sports [A,B] (SP002GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
N/A

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SP002ADS[1,2]

ESSENTIALS AFRICAN AMERICAN HISTORY

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. African American History Certificate of Completion Track will cover the same content of African American History with the following distinctions: In the African American History Certificate of Completion Track instruction is delivered to a student with an Individualized Educational Plan. It is for the student who requires significant modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, participation, or supported level. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Independence African American History [A,B] (SH107GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
N/A

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SH107ADS[1,2]

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS ALGEBRA I

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Algebra I will cover the same content as Algebra I with the following distinctions: In Essentials Algebra I, instruction is delivered to students with an IEP who require significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Independence Algebra I [A,B] (SM052GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM052SDS[1,2]
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ESSENTIALS ALGEBRA II

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Algebra II will cover the same content as Algebra II with the following distinctions: In Essentials Algebra II, instruction is delivered to students with an IEP who require significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Independence Algebra II [A,B] (SM056SDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM056SDS[1,2]
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ESSENTIALS ARTS & CRAFTS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Students explore the useful and decorative crafts in modern and fold art. A variety of wood, leather, metal, fiber, clay, raffia and reed techniques may be introduced according to teacher preference. This course will provide modifications according to the student's individual needs. This particular Arts and Crafts course is directed toward students who are on the certificate of completion track within a center base program. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Arts & Crafts [A,B] (SA165GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SA165SDS[1,2]
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ESSENTIALS BIOLOGY

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Biology will cover the same content as Biology with the following distinctions: In Essentials Biology, instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Biology [A,B] (SS051GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS051SDS[1,2]
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ESSENTIALS CAREER EXPLORATION

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course is designed to help students explore career pathways and gain knowledge about expectations, skills, training, and education required by various careers. Students use a multi-media approach for the exploration and designing individual career boards to help focus their learning. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Career Exploration [A,B] (SZ151GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 14	COURSE CODE: SZ151SDS[1,2]
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EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS CAREER MATH

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course will enable students to apply the mathematics skills they have learned in real life applications. Students will review basic mathematics operations. They will learn mathematics life skills: money and banking concepts, financial home, management/maintenance, entertainment/clothing budget, taxes, nutrition, fitness numbers, measurements, and mathematics in various careers. This course will be individualized to fit the needs of the student according to their IEP and transition goals. Students enrolled in this course are working at the functional, supported, or participation level and are on a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Career Math [A,B] (SM151GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SM151SDS[1,2]
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ESSENTIALS CAREER PREPARATION

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course is designed to help students realize the importance of education, recognize personal strengths, and build self-esteem, while learning a career planning process. Students continue to explore career pathways and begin focusing on 2–3 specific pathways gaining knowledge about the expectations, skills, training, and education required by those careers. Topics also include but are not limited to: completing job applications, resume writing, interviewing skills, career exploration, paychecks, banking, budgeting, and self-advocacy.

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SZ151PDS[1,2]
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ESSENTIALS CAREER PREPARATION (PS)

COURSE DESCRIPTION: This course is designed to help students realize the importance of education, recognize personal strengths and build self-esteem, while learning a career planning process. Students continue to explore career pathways and begin focusing on 2-3 specific pathways gaining knowledge about the expectations, skills, training and education required by those careers. Topics also include but are not limited to: completing job applications, resume writing, interviewing skills, soft skills training, career exploration, paychecks, banking, budgeting and self-advocacy.

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SZ151TDS[1,2]
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ESSENTIALS CHEMISTRY

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Chemistry will cover the same content as Chemistry with the following distinctions: In Essentials Chemistry, instruction is delivered to students with an IEP who require significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Chemistry [A,B] (SS101GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS101SDS[1,2]
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EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS CIVICS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Civics will cover the same content as Civics with the following distinctions: In Essentials Civics, instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Civics (SH161GDS1).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9–12	COURSE CODE: SH161SDS1
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ESSENTIALS COMMERCIAL FOODS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Students are introduced to basic culinary arts and services, sanitation and safety and employment opportunities. Students have the opportunity to rotate through all areas of employment in a commercial food establishment. Students gain hands-on experience in a preparation and customer retail service. Commercial Foods is geared toward students in the certificate program within center-based schools. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Commercial Foods [A,B] (SY053GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SY053SDS[1,2]
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ESSENTIALS COMPUTER APPLICATIONS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course is designed to teach students basic computer skills including introduction to the keyboard, Internet usage, and how to send and retrieve emails. Students will also learn how to use Microsoft Office tools, such as Word, Excel, and Power Point in order to complete reports and presentations. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Computer Applications [A,B] (SI004GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 14	COURSE CODE: SI004SDS[1,2]
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ESSENTIALS CONFLICT RESOLUTION

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. In this course students will learn the methods and process of negotiation, arbitration, which promote the peaceful ending of social conflict. Students will use social stories and role playing to carry out successful problem techniques to resolve conflicts. Conflict resolution is geared toward students in the certificate program within center-based schools. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Conflict Resolution [A,B] (SU260GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SU260CDS[1,2]
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ESSENTIALS EARTH SCIENCE

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Earth Science will cover the same content as Earth Science with the following distinctions: In Essentials Earth Science, instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Earth Science [A,B] (SS001GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SS001SDS[1,2]
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EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS ECONOMICS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Economics will cover the same content as Economics with the following distinctions: In Essentials Economics, instruction is delivered to a student with an IEP who requires significant curricular modifications. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Economics (SH201GDS1).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Semester	9–12	SH201SDS1

ESSENTIALS EMPLOYABILITY SKILLS

COURSE DESCRIPTION: This course is designed to help students recognize the importance of accomplishing tasks within a given period of time, developing working skills, exploring personal strengths, building self-esteem, and strengthening problem skills.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	9–12	SZ152SDS[1,2]

ESSENTIALS EMPLOYABILITY SKILLS (PS)

COURSE DESCRIPTION: Employability Skills courses help students match their interests and aptitudes to career options with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain and advance in the workplace. Course content may also include consumer education and personal money management topics.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	N/A	0	Year	9–12	SZ152TDS[1,2]

ESSENTIALS ENGLISH LANGUAGE ARTS I

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials English Language Arts 9 will cover the same content as English Language Arts 9 with the following distinctions: In the Essentials English Language Arts 9 instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials English Language Arts I (Gr 9–12) [A,B] (SE001GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	9–12	SE001SDS[1,2]

ESSENTIALS ENGLISH LANGUAGE ARTS II

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials English Language Arts 10 will cover the same content as English Language Arts 10 with the following distinctions: In the Essentials English Language Arts 10 instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials English Language Arts II (Gr 9–12) [A,B] (SE002GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	9–12	SE002SDS[1,2]

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS ENGLISH LANGUAGE ARTS III

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials English Language Arts 11 will cover the same content as English Language Arts 11 with the following distinctions: In the Essentials English Language Arts 11 instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials English Language Arts III (Gr 9–12) [A,B] (SE003GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE003SDS[1,2]

ESSENTIALS ENGLISH LANGUAGE ARTS IV

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials English Language Arts 12 will cover the same content as English Language Arts 12 with the following distinctions: In the Essentials English Language Arts 12 instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials English Language Arts IV (Gr 9–12) [A,B] (SE004GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SE004SDS[1,2]

ESSENTIALS ENVIRONMENTAL SCIENCE

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Environmental Science will cover the same content as Environmental Science with the following distinctions: In Essentials Environmental Science, instruction is delivered to a student with an IEP who requires significant curricular modifications, and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Environmental Science [A,B] (SS003GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
Science/3rd Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS003SDS[1,2]

ESSENTIALS ESSENTIALS OF DAILY LIVING

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Students will learn personal grooming, basic food preparation, housekeeping, and community based instruction. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Essentials of Daily Living [A,B] (SO060GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
N/A

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SO060SDS[1,2]

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS FITNESS & CONDITIONING

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Fitness & Conditioning is an Advanced Adaptive Physical Education course which combines a variety of conditioning and aerobic activities with the intention of conveying the importance of lifelong wellness habits. This course emphasizes conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. The course is modified to fit the needs of students who may require adaptations per their individualized educational plan. The prerequisite for this course is Essentials Adapted Physical Education. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Fitness & Conditioning (SP005GDS1).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	N/A	0.5	Year	9–12	SP005SDS1

ESSENTIALS FUNCTIONAL COMMUNICATIONS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This ELA course of study is designed to assist the limited language user to develop expressive, receptive, auditory, and visual communication skills in order to communicate effectively with others. This may be accomplished with or without accommodations and/or assistive technology. This course may be individualized for students working at the functional, supported, or participation level and on a course of study leading to a Certificate of Completion. This course focuses on student understanding and differentiation models that support various learning styles and individualized educational plans. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Communications [A,B] (SE155GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	14	SE155SDS[1,2]

ESSENTIALS FUNCTIONAL MATH

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course will provide instruction in mathematics concepts and procedures for students working at the functional, supported, or participation level. Emphasis will be placed on real life mathematics skills that will prepare students to participate effectively in post-secondary adult living and in the world of work. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Math [A,B] (SM002GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	14	SM002SDS[1,2]

ESSENTIALS FUNDAMENTAL COMPOSITION

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course is designed to improve written communication skills and assist students with Individualized Educational Plan (IEP) in their course work and career pathways. Individual needs are supported through the student's IEP. This course will focus on writing for purpose, writing process, spatial organization, and technical writing for skills. Enrolled students are on a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Fundamental Composition [A,B] (SE103GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	9–12	SE103SDS[1,2]

ESSENTIALS GEOMETRY

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Geometry will cover the same content as Geometry with the following distinctions: In Essentials Geometry, instruction is delivered to students with an IEP who require significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Geometry [A,B] (SM072GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	N/A	0	Year	9–12	SM072SDS[1,2]

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS HEALTH AND LIFE MANAGEMENT

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. This course will cover the same content as PHM. Instruction will be delivered to students with an Individualized Educational Plan. Accommodations and modifications will address various learning styles. Students enrolled in this course require instruction at the functional, supported, or participation level. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Health and Life Management [A,B] (SP057GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	14	SP057SDS[1,2]

ESSENTIALS INTEGRATED U.S. HISTORY

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials U.S. History and Geography will cover the same content as U.S. History and Geography with the following distinctions: In Essentials U.S. History and Geography, instruction is delivered to a student with an IEP who requires significant curricular modifications, and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Integrated U.S. History [A,B] (SH101GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	9–12	SH101SDS[1,2]

ESSENTIALS PHYSICAL SCIENCE

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Physical Science will cover the same content as Physical Science with the following distinctions: In Essentials Physical Science, instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. Enrolled students are on a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Physical Science [A,B] (SS159GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	Elective	0.5	Year	9–12	SS159SDS[1,2]

ESSENTIALS PROBABILITY & STATISTICS

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials Probability & Statistics will cover the same content as Probability & Statistics with the following distinctions: In Essentials Probability & Statistics, instruction is delivered to students with an IEP who require significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Probability and Statistics [A,B] (SM201GDS1,2).

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
Certificate of Completion	N/A	0	Year	9–12	SM201SDS[1,2]

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS PROJECT DISCOVERY AND ACHIEVE LIFE SKILLS

COURSE DESCRIPTION: This course is designed to help students achieve fundamental life skills using innovative and hands-on job preparation. Topics may include: employment, community participation, education/training, and independent living. Upon completion of the Essential Skills Institute (ESI) program, students will have developed personalized skills to become viable, employable, and contributing citizens. Transition services are centered around a coordinated set of activities for participants within an outcome-oriented process, highlighting active participant involvement, family engagement, and cooperative implementation of transition activities. This course is part of a course of study leading to a Certificate of Completion.

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 14	COURSE CODE: SZ151SDS[1,2]
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ESSENTIALS SOCIAL DEVELOPMENT

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Social Development Instruction courses teach students the social skills needed for independent functioning within the community. Topics may include self-control, self-expression, obeying rules, decision-making, appropriate situational behavior, interacting with others, and maintaining relationships. Students may develop independence, self-confidence, and self-reliance. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional Social Development [A,B] (SZ253GDS1,2).

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SZ253VDS[1,2]
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ESSENTIALS SOCIAL RESPONSIBILITY

COURSE DESCRIPTION: Supports the development of responsible citizens. Self-discipline, conflict resolutions, good communication, personal finance, basic law, and social skills will be addressed in this course. Social Responsibility is geared toward students in the certificate program within center-based schools.

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	GRADES: 9–12	COURSE CODE: SZ253RDS[1,2]
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ESSENTIALS FI START PEER-TO-PEER (GR 9)

COURSE DESCRIPTION: Only schedule Mild Cognitive Impairment (MiCI) students in this course. This course will introduce students to the study of human behavior in society by providing comprehensive and engaging content about autism spectrum disorders and other disabilities. Peer-to-Peer provides students an opportunity to support and model academic and social skills from one non-disabled peer to a peer with a disability. There is a focus on leadership skills, understanding and adapting to individual differences in the school setting, written and verbal communication skills, modeling social experiences, and advocating for others. The curriculum includes (and evaluations are based on) journaling and/or blogging, participation through Internet disability modules, pre/post assessments, attendance, classroom participation with peer, and a final project. Time outside of the classroom may be required.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 9	COURSE CODE: SH259SDS1
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ESSENTIALS FI START PEER-TO-PEER (GR 10)

COURSE DESCRIPTION: Only schedule Mild Cognitive Impairment (MiCI) students in this course. This course will introduce students to the study of human behavior in society by providing comprehensive and engaging content about autism spectrum disorders and other disabilities. Peer-to-Peer provides students an opportunity to support and model academic and social skills from one non-disabled peer to a peer with a disability. There is a focus on leadership skills, understanding and adapting to individual differences in the school setting, written and verbal communication skills, modeling social experiences, and advocating for others. The curriculum includes (and evaluations are based on) journaling and/or blogging, participation through Internet disability modules, pre/post assessments, attendance, classroom participation with peer, and a final project. Time outside of the classroom may be required.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	GRADES: 10	COURSE CODE: SH259SDS2
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EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS FI START PEER-TO-PEER (GR 11)

COURSE DESCRIPTION: Only schedule Mild Cognitive Impairment (MiCI) students in this course. This course will introduce students to the study of human behavior in society by providing comprehensive and engaging content about autism spectrum disorders and other disabilities. Peer-to-Peer provides students an opportunity to support and model academic and social skills from one non-disabled peer to a peer with a disability. There is a focus on leadership skills, understanding and adapting to individual differences in the school setting, written and verbal communication skills, modeling social experiences, and advocating for others. The curriculum includes (and evaluations are based on) journaling and/or blogging, participation through Internet disability modules, pre/post assessments, attendance, classroom participation with peer, and a final project. Time outside of the classroom may be required.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
11

COURSE CODE:
SH259SDS3

ESSENTIALS FI START PEER-TO-PEER (GR 12)

COURSE DESCRIPTION: Only schedule Mild Cognitive Impairment (MiCI) students in this course. This course will introduce students to the study of human behavior in society by providing comprehensive and engaging content about autism spectrum disorders and other disabilities. Peer-to-Peer provides students an opportunity to support and model academic and social skills from one non-disabled peer to a peer with a disability. There is a focus on leadership skills, understanding and adapting to individual differences in the school setting, written and verbal communication skills, modeling social experiences, and advocating for others. The curriculum includes (and evaluations are based on) journaling and/or blogging, participation through Internet disability modules, pre/post assessments, attendance, classroom participation with peer, and a final project. Time outside of the classroom may be required.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
12

COURSE CODE:
SH259SDS4

ESSENTIALS WORK-BASED LEARNING

COURSE DESCRIPTION: Only schedule Mild Cognitive Impairment (MiCI) students in this course. Workplace Experience courses provide students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
N/A

**GRADUATION
CREDIT:**
0

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SZ998TDS[1,2]

ESSENTIALS WORLD HISTORY AND GEOGRAPHY

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Essentials World History and Geography will cover the same content as World History and Geography with the following distinctions: In Essentials World History and Geography, instruction is delivered to a student with an IEP who requires significant curricular modifications and accommodations, and the IEP Team has determined the ESE setting is the least restrictive environment for this course. Instruction is provided in an individualized or small group setting. Individual needs are supported by the student's IEP and geared for students working at the functional, supported, or participation level. This course focuses on student understanding and differentiation models that support various learning styles. This course is part of a course of study leading to a Certificate of Completion. ***Schedule Mild Cognitive Impairment (MiCI) program students in Essentials Functional World History and Geography [A,B] (SH052GDS1,2).

**GRADUATION
TRACK:**
Certificate of
Completion

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SH052SDS[1,2]

GEOMETRY

COURSE DESCRIPTION: In this course, students study geometric transformations (reflection, rotation, translation, dilation) and symmetry. Students explore relationships between figures (such as similarity and congruence) in terms of rigid motions and similarity transformations. Proofs of geometric theorems, using coordinates to prove geometric theorems, and modeling with geometry are also studied in detail. Students also study tools for analyzing and measuring right triangles, general triangles, and complex shapes. This study includes the Pythagorean Theorem, trigonometric ratios, the Law of Sines, and the Law of Cosines. Geometry also includes the study of theorems about circles, including arc lengths and areas of sectors. Topics on probability and statistics are also included.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/Geometry

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM072SWS[1,2]

EXCEPTIONAL STUDENT EDUCATION

HEALTH EDUCATION

COURSE DESCRIPTION: Topics covered within Health Education courses may vary widely, but typically include infectious diseases (STIs - HIV/AIDS, etc.), personal health (nutrition, mental health, physical health, abuse prevention, social/emotional health, body systems, and first aid), and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Health	0.5	Semester	9–12	SP051SWS1

LIFE SKILLS

COURSE DESCRIPTION: Life Skills courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize such topics as goal-setting, decision-making, and setting priorities; money and time management; relationships; and the development of the self. Practical exercises regarding selecting and furnishing houses, meeting transportation needs, preparing food, selecting clothing, and building a wardrobe are often integral to these classes.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Year	9–12	SU257SWS[1,2]

OG READING INTERVENTION (GR 9)

COURSE DESCRIPTION: The Orton Gillingham Intervention course for ESE students engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary. Only schedule ESE students on the high school diploma track in this course.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5*	Year	9	SE068OWS[1,2]

*with the possibility of earning a full credit for the whole year

OG READING INTERVENTION (GR 10)

COURSE DESCRIPTION: The Orton Gillingham Intervention course for ESE students engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary. Only schedule ESE students on the high school diploma track in this course.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5*	Year	10	SE068OWS[3,4]

*with the possibility of earning a full credit for the whole year

OG READING INTERVENTION (GR 11)

COURSE DESCRIPTION: The Orton Gillingham Intervention course for ESE students engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary. Only schedule ESE students on the high school diploma track in this course.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5*	Year	11	SE068OWS[5,6]

*with the possibility of earning a full credit for the whole year

EXCEPTIONAL STUDENT EDUCATION

OG READING INTERVENTION (GR 12)

COURSE DESCRIPTION: The Orton Gillingham Intervention course for ESE students engages students in activities to strengthen their skills in reading foundational skills, reading comprehension, writing, speaking, and listening. Course curriculum is aligned to the Michigan Standards for English Language Arts (CCSS). This course focuses specifically on providing teacher-led small group intervention for students to build their literacy skills. Students also engage in student-led small group activities that are differentiated to meet their specific needs leading to grade level proficiency in reading. Student led small groups focus on independent reading, speaking fluency/grammar, usage and mechanics, writing practice, and word study/vocabulary. Only schedule ESE students on the high school diploma track in this course.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5*

COURSE LENGTH:
Year

GRADES:
12

COURSE CODE:
SE068OWS[7,8]

*with the possibility of earning a full credit for the whole year

PERSONAL DEVELOPMENT

COURSE DESCRIPTION: Personal Development is an online course supported through the use of specialized instruction and resources to meet the unique needs of students with IEPs. This course will teach students the basic concepts of conflict resolution and how to apply these concepts in real-world situations as well as their own lives. Students will explore key theories and skills associated with conflict resolution in a variety of contexts, including organizational, intercultural, family, and interpersonal. Upon course completion, students will be able to describe conflict resolution and theories of conflict, examine the fundamentals of conflict order, and develop conflict resolution skills. They will be able to interpret the role of culture and gender in conflict resolution, analyze group conflict, and apply the strategies of conflict resolution to real-world scenarios.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SU260SWS[1,2]

PERSONAL FINANCE

COURSE DESCRIPTION: This course is designed to assist students in understanding on how to apply math concepts learned in previous math courses with a focus on mathematical operations, numbers, math logic, and money management principles, as it applies to various financial decisions they will be faced with in everyday life. Some of the topics to be covered will include budgeting, savings, investments, insurance, credit, and debt.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM157SWS[1,2]

PHYSICS

COURSE DESCRIPTION: A year-long laboratory science course that examines the relationships between matter and energy, and the importance and applicability of this interaction. Using foundational concepts of physics and basic Algebra I skills, students solve real-life problems. Inquiry standards are taught with a focus on force and motion of objects, electricity, and magnetism. Content areas include: physics process skills, mechanics, and thermodynamics. This course is based on the MDE state-adopted standards.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Science/Physics

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SS151SWS[1,2]

PRECALCULUS

COURSE DESCRIPTION: In Precalculus, students focus on functions, rational expressions, polynomial functions, rational functions, exponentials, logarithms, vectors, limits, rates, and trigonometric identities.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Math/4th Year

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SM110SWS[1,2]

EXCEPTIONAL STUDENT EDUCATION

SPANISH I

COURSE DESCRIPTION: Learners communicate minimally on very familiar topics by using simple, highly contextualized words, sentences, and questions related to themselves, home, family, friends, neighborhood, school, community, professions and environment that have been practiced and memorized. They recognize some familiar words and phrases when they hear or read them. They communicate some basic information about their everyday life using two or three words or memorized expressions. They can reproduce a modest number of words and phrases in context when writing about well-practiced, familiar topics and supply limited information on simple forms and documents. They may be understood with difficulty by sympathetic native speakers who are very accustomed to interacting with language learners. Learners show awareness of the most obvious cultural differences or culturally unacceptable practices.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Language/SPN	0.5	Year	9–12	SL052SWS[1,2]

SPANISH II

COURSE DESCRIPTION: Learners communicate and exchange basic information about familiar topics related to self, home, family, friends, neighborhood, school, community, professions, and environment using phrases and simple sentences. They recombine and reformulate memorized language in the present and in the future, and report series of isolated events in the past. They interact in short, social, everyday situations by asking and answering simple questions. They write short messages, postcards, and simple notes within the context in which the language was learned. They are understood primarily by native speakers who are sympathetic and accustomed to interacting with language learners. They recognize pieces of information (familiar words, phrases, and sentences) within short and simple messages related to everyday life and understand the main topics of what is being said or read. They show awareness of the most obvious cultural differences or culturally unacceptable practices.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Language/SPN	0.5	Year	9–12	SL053SWS[1,2]

STUDY SKILLS

COURSE DESCRIPTION: Only schedule ESE students on the high school diploma track in this course. Study Skills is an elective course designed to support a student with an IEP in grades 9–12 in Michigan Merit Curriculum courses by providing the student with additional specialized instructional opportunity through pre-teaching and re-teaching of concepts, as well as practice and application of required core content skills.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Semester	9–12	SZ003SGS[1,2]

STUDY SKILLS (GR 9)

COURSE DESCRIPTION: Only schedule ESE students on the high school diploma track in this course. Study Skills is an elective course designed to support a student with an IEP in grades 9 in Michigan Merit Curriculum courses by providing the student with additional specialized instructional opportunity through pre-teaching and re-teaching of concepts, as well as practice and application of required core content skills.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Semester	9–12	SZ003SWS[1,2]

STUDY SKILLS (GR 10)

COURSE DESCRIPTION: Only schedule ESE students on the high school diploma track in this course. Study Skills is an elective course designed to support a student with an IEP in grades 10 in Michigan Merit Curriculum courses by providing the student with additional specialized instructional opportunity through pre-teaching and re-teaching of concepts, as well as practice and application of required core content skills.

GRADUATION TRACK:	GRADUATION REQUIREMENT:	GRADUATION CREDIT:	COURSE LENGTH:	GRADES:	COURSE CODE:
HS Diploma	Elective	0.5	Semester	9–12	SZ003SWS[3,4]

EXCEPTIONAL STUDENT EDUCATION

STUDY SKILLS (GR 11)

COURSE DESCRIPTION: Only schedule ESE students on the high school diploma track in this course. Study Skills is an elective course designed to support a student with an IEP in grades 11 in Michigan Merit Curriculum courses by providing the student with additional specialized instructional opportunity through pre-teaching and re-teaching of concepts, as well as practice and application of required core content skills.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SZ003SWS[5,6]

STUDY SKILLS (GR 12)

COURSE DESCRIPTION: Only schedule ESE students on the high school diploma track in this course. Study Skills is an elective course designed to support a student with an IEP in grades 12 in Michigan Merit Curriculum courses by providing the student with additional specialized instructional opportunity through pre-teaching and re-teaching of concepts, as well as practice and application of required core content skills.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
Elective

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Semester

GRADES:
9–12

COURSE CODE:
SZ003SWS[7,8]

U.S. HISTORY & GEOGRAPHY

COURSE DESCRIPTION: Through the use of inquiry under the C3 Framework, students explore the post-Civil War Industrial Age through the present day. Students gain broader awareness of major political, philosophical, and historical underpinnings of our government, which they use to analyze how ideas of freedom and equality have shaped our collective past and explore implications for the future. Within this framework, major geographic themes are infused using historical context. This course is aligned to the Michigan High School Content Expectations and is a yearlong core curriculum course.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
SS/U.S. History &
Geography

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SH101SWS[1,2]

WORLD HISTORY AND GEOGRAPHY

COURSE DESCRIPTION: Through the use of inquiry under the C3 Framework, students explore the growth and development of major religions, the rise and fall of civilizations and empires, the spread of ideas and technology, the impact of imperialism, nationalism, and independence movements, and global conflicts from about 1200 AD to the present. Students will expand their historical thinking skills by analyzing primary sources for context, corroboration, and sourcing. This course is aligned to the Michigan High School Content Expectations and is a year long core curriculum course.

**GRADUATION
TRACK:**
HS Diploma

**GRADUATION
REQUIREMENT:**
SS/U.S. History &
Geography

**GRADUATION
CREDIT:**
0.5

COURSE LENGTH:
Year

GRADES:
9–12

COURSE CODE:
SH052SWS[1,2]



CREDIT RECOVERY

Detroit Public Schools Community District offers students access to Course Recovery through the use of a certified teacher and leveraging course software. District students are able to recover courses throughout the academic year and through summer programming focused on providing support to students in order to graduate on time. Courses available for recovery are based on student need and can be identified through the school's guidance counselor.

ELECTIVES

ART HISTORY S1

COURSE CODE: SA152VRS1E
NCAA COURSE CODE: SA152VNS1E

ART HISTORY S1

COURSE CODE: SA152VRS2E
NCAA COURSE CODE: SA152VNS2E

PSYCHOLOGY S1

COURSE CODE: SH254VRS1E
NCAA COURSE CODE: SH254VNS1E

PSYCHOLOGY S2

COURSE CODE: SH254VRS2E
NCAA COURSE CODE: SA152VNS1E

SOCIOLOGY (ONE SEMESTER)

COURSE CODE: SH258VNS1E
NCAA COURSE CODE: SH258VNS1E

PERSONAL FINANCE (ONE SEMESTER)

COURSE CODE: SM157VRS1E
NCAA COURSE CODE: SM157VNS1E

ENGLISH

ENGLISH GRADE 9 S1

COURSE CODE: SE001VGS1E
NCAA COURSE CODE: SE001VNS1E

ENGLISH GRADE 9 S1

COURSE CODE: SE001VGS2E
NCAA COURSE CODE: SE001VNS2E

ENGLISH GRADE 10 S1

COURSE CODE: SE002VGS1E
NCAA COURSE CODE: SE002VNS1E

ENGLISH GRADE 10 S1

COURSE CODE: SE002VGS2E
NCAA COURSE CODE: SE002VNS2E

ENGLISH GRADE 11 S1

COURSE CODE: SE003VGS1E
NCAA COURSE CODE: SE003VNS1E

ENGLISH GRADE 11 S2

COURSE CODE: SE003VGS2E
NCAA COURSE CODE: SE003VNS2E

ENGLISH GRADE 12 S1

COURSE CODE: SE004VGS1E
NCAA COURSE CODE: SE004VNS1E

ENGLISH GRADE 12 S2

COURSE CODE: SE004VGS2E
NCAA COURSE CODE: SE004VNS2E

MATHEMATICS

ALGEBRA 1 S1

COURSE CODE: SM052VGS1E
NCAA COURSE CODE: SM052VNS1E

ALGEBRA 1 S1

COURSE CODE: SM052VGS2E
NCAA COURSE CODE: SM052VNS2E

ALGEBRA 2 S1

COURSE CODE: SM056VGS1E
NCAA COURSE CODE: SM056VNS1E

ALGEBRA 2 S1

COURSE CODE: SM056VGS2E
NCAA COURSE CODE: SM056VNS2E

GEOMETRY S1

COURSE CODE: SM072VGS1E
NCAA COURSE CODE: SM072VNS1E

GEOMETRY S2

COURSE CODE: SM072VGS2E
NCAA COURSE CODE: SM072VNS2E

PRECALCULUS S1

COURSE CODE: SM110VGS1E
NCAA COURSE CODE: SM110VNS1E

PRECALCULUS S2

COURSE CODE: SM110VGS2E
NCAA COURSE CODE: SM110VNS2E

PROBABILITY & STATISTICS S1

COURSE CODE: SM201VGS1E
NCAA COURSE CODE: SM201VNS1E

PROBABILITY & STATISTICS S2

COURSE CODE: SM201VGS2E
NCAA COURSE CODE: SM201VNS2E

SCIENCE

BIOLOGY S1

COURSE CODE: SS051VGS1E
NCAA COURSE CODE: SS051VNS1E

BIOLOGY S2

COURSE CODE: SS051VGS2E
NCAA COURSE CODE: SS051VNS2E

CHEMISTRY S1

COURSE CODE: SS101VGS1E
NCAA COURSE CODE: SS101VNS1E

CHEMISTRY S2

COURSE CODE: SS101VGS2E
NCAA COURSE CODE: SS101VNS2E

EARTH SCIENCE S1

COURSE CODE: SS001VGS1E
NCAA COURSE CODE: SS001VNS1E

EARTH SCIENCE S2

COURSE CODE: SS001VGS2E
NCAA COURSE CODE: SS001VNS2E

ENVIRONMENTAL SCIENCE S1

COURSE CODE: SS003VGS1E
NCAA COURSE CODE: SS003VNS1E

ENVIRONMENTAL SCIENCE S2

COURSE CODE: SS003VGS2E
NCAA COURSE CODE: SS003VNS2E

PHYSICAL SCIENCE S1

COURSE CODE: SS159VGS1E
NCAA COURSE CODE: SS159VNS1E

PHYSICAL SCIENCE S2

COURSE CODE: SS159VGS2E
NCAA COURSE CODE: SS159VNS2E

PHYSICS S1

COURSE CODE: SS151VGS1E
NCAA COURSE CODE: SS151VNS1E

PHYSICS S2

COURSE CODE: SS151VGS2E
NCAA COURSE CODE: SS151VNS2E

SOCIAL STUDIES/HISTORY

CIVICS (ONE SEMESTER)

COURSE CODE: SH161VGS1E
NCAA COURSE CODE: SH161VNS1E

ECONOMICS (ONE SEMESTER)

COURSE CODE: SH201VGS1E
NCAA COURSE CODE: SH201VNS1E

U.S. HISTORY S1

COURSE CODE: SH101VGS1E
NCAA COURSE CODE: SH101VNS1E

U.S. HISTORY S2

COURSE CODE: SH101VGS2E
NCAA COURSE CODE: SH101VNS2E

WORLD HISTORY S1

COURSE CODE: SH052VGS1E
NCAA COURSE CODE: SH052VNS1E

WORLD HISTORY S2

COURSE CODE: SH052VGS2E
NCAA COURSE CODE: SH052VNS2E

WORLD LANGUAGES

SPANISH I S1

COURSE CODE: SL052VGS1E
NCAA COURSE CODE: SL052VNS1E

SPANISH I S2

COURSE CODE: SL052VGS2E
NCAA COURSE CODE: SL052VNS2E

SPANISH II S1

COURSE CODE: SL053VGS1E
NCAA COURSE CODE: SL053VNS1E

SPANISH II S2

COURSE CODE: SL053VGS2E
NCAA COURSE CODE: SL053VNS2E

FRENCH I S1

COURSE CODE: SL102VGS1E
NCAA COURSE CODE: SL102VNS1E

FRENCH I S2

COURSE CODE: SL102VGS2E
NCAA COURSE CODE: SL102VNS2E

FRENCH II S1

COURSE CODE: SL103VGS1E
NCAA COURSE CODE: SL103VNS1E

FRENCH II S2

COURSE CODE: SL103VGS2E
NCAA COURSE CODE: SL103VNS2E



ADULT EDUCATION

BUSINESS & MARKETING

AE ACCOUNTING

COURSE DESCRIPTION: This course provides adult learners with an introduction to accounting concepts and principles, financial statements, internal control design, and accounting for partnerships. Topics include cash flow, financial statement analysis, managerial accounting, budgeting, and the use of financial data to make business decisions. This is a hybrid course where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AB104HGS[1,2]
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AE BUSINESS COMMUNICATIONS

COURSE DESCRIPTION: In this course, adult learners will examine the communication process, including elements of listening and verbal and nonverbal communication. The course also explores how these communication elements operate between self, individuals, and groups. Communication concepts and skills are explored through a variety of methods and activities. This is a hybrid course where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	COURSE CODE: AB009HGS1
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AE BUSINESS LAW

COURSE DESCRIPTION: In this course, adult learners explore principle areas of business law and topics such as torts, crimes, intellectual property, contracts, negotiable instruments, agency, employment, and forms of business organization. They learn rules of law and legal terminology, as well as legal solutions for business-related issues. This is a hybrid course where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AB054SGS[1,2]
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AE INTRODUCTORY BUSINESS

COURSE DESCRIPTION: In this course, adult learners will explore business in a global society, learning terminology, concepts, systems, strategies, and current issues. Topics also include the business environment, ethics, entrepreneurship and global business, management, marketing, production, information systems, and financial elements. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AB051SGS[1,2]
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COMMUNICATIONS & AUDIO/VISUAL TECHNOLOGY

AE MASS COMMUNICATIONS

COURSE DESCRIPTION: In this course, adult learners explore how to interact on various social media platforms and how to use social media in a professional manner. Adult learners will also examine communication protocols including elements of listening and verbal and nonverbal communication and how these communication elements operate between self, individuals, and groups. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	COURSE CODE: AK001MGS1
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COMPUTER & INFORMATION SCIENCE

AE COMPUTER APPLICATIONS

COURSE DESCRIPTION: In this course, adult learners explore business communication, including letters, memos, electronic communication, written reports, oral presentations, and interpersonal communication using Microsoft Office (Word, Excel, and PowerPoint). Resumes, application letters, interviewing tips, and employment follow-up are also covered. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
Elective

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Year

COURSE CODE:
AI004SGS[1,2]



ENGLISH LANGUAGE & LITERATURE

ABE, ENGLISH LANGUAGE ARTS I

COURSE DESCRIPTION: This course assists adult learners who pre-tested below 9th grade level to improve their reading and writing levels. Adult learners will read, listen to and analyze and comprehend stories. They will read various texts for fluency and comprehension. Through fiction, nonfiction, and poetry, adult learners will learn new vocabulary and comprehension skills.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AE992BGY1

ABE, ENGLISH LANGUAGE ARTS II

COURSE DESCRIPTION: A second-year course to assist adult learners who pre-tested below 9th grade level to improve their reading and writing levels. Adult learners will read, listen to and analyze and comprehend stories. They will read various texts for fluency and comprehension. Through fiction, nonfiction, and poetry, adult learners will learn new vocabulary and comprehension skills.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AE992BGY2

AE ENGLISH AS A SECOND LANGUAGE

COURSE DESCRIPTION: This course assists non-native, English speakers to improve their English skills. Adult learners will begin to understand English spoken words, express themselves orally using English, read English text and comprehend, and write in English with proficiency. Adult learners will be able to use their English skills in diverse situations, settings, the workplace, and at home.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AE008SLY1

AE ENGLISH LANG ARTS I

COURSE DESCRIPTION: In this course, adult learners will learn basic English language arts concepts including vocabulary, reading strategies, literary elements, devices, and techniques. The course also covers communication skills, such as giving speeches, using visual aids, and communicating in the workplace, as well as writing and revising using MLA style guidelines. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
English/G9

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Year

COURSE CODE:
AE001HGS[1,2]

AE ENGLISH LANG ARTS II

COURSE DESCRIPTION: In this hybrid course the teacher uses supplemental materials and resources to meet the adult learner requirements. Vocabulary, reading strategies, literary elements, devices, and techniques will be taught. The course also covers communication skills, such as giving speeches, using visual aids, and communicating in the workplace.

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
English/G10

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Year

COURSE CODE:
AE002HGS[1,2]

ENGLISH LANGUAGE & LITERATURE

AE ENGLISH LANG ARTS III

COURSE DESCRIPTION: In this hybrid course the teacher uses supplemental materials and resources to meet the adult learner requirements. Vocabulary, reading strategies, literary elements, devices, and techniques will be taught. The course also covers communication skills, such as giving speeches, using visual aids, and communicating in the workplace.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G11	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AE003HGS[1,2]
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AE ENGLISH LANG ARTS IV

COURSE DESCRIPTION: In this hybrid course the teacher uses supplemental materials and resources to meet the adult learner requirements. Vocabulary, reading strategies, literary elements, devices, and techniques will be taught. The course also covers communication skills, such as giving speeches, using visual aids, and communicating in the workplace.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: English/G12	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AE004HGS[1,2]
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GED, ENGLISH LANGUAGE ARTS I

COURSE DESCRIPTION: This course assists adult learners who pre-tested above 9th grade level improve their reading and writing skills. Through fiction, nonfiction, and poetry, adult learners will learn new vocabulary and comprehension skills. As a result of this course, adult learners will be able to pass the GED RLA exam.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AE992GGY1
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GED, ENGLISH LANGUAGE ARTS II

COURSE DESCRIPTION: This second-year course assists adult learners who pre-tested above 9th grade level improve their reading and writing levels. Adult learners will read, listen to, analyze, and comprehend stories. They will read various texts for fluency and comprehension. Through fiction, nonfiction, and poetry, adult learners will learn new vocabulary and comprehension skills. As a result of this course, adult learners will be able to pass the GED RLA exam.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AE992GGY2
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AE WRITING SKILLS, ESL

COURSE DESCRIPTION: This course assists non-native English speakers with improving their English writing skills, specially to further their education and to use in the workplace. Adult learners will be able to use English writing skills to communicate in various settings such as business and at home. The adult learners will learn how to properly write clear sentences, effective paragraphs, and well-organized essays in English.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AE149WLY1
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GED, WRITING

COURSE DESCRIPTION: This course will assist adult learners in writing a well-crafted essay in preparation for the GED exam. Fundamental tools and techniques needed to write clear sentences, effective paragraphs, and well-organized essays for general education courses and employment settings will be covered.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AE149GGY1
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ENGLISH LANGUAGE & LITERATURE

GED, WRITING II

COURSE DESCRIPTION: Adult learners will learn enhanced strategies to successfully write an essay in preparation for passing the GED exam. Fundamental tools and techniques needed to write clear sentences, effective paragraphs, and well-organized essays for general education courses and employment settings will be covered.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AE149GGY2

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS EMPLOYABILITY: CARPENTRY

COURSE DESCRIPTION: This course is designed to help students achieve fundamental life skills using innovative and hands on job preparation. Carpentry allows students to develop skills in production, restoration, and refinishing of various structures to become viable, employable, and contributing citizens. This course is part of a course leading to a Certificate of Completion.

GRADUATION TRACK:
Certificate of Completion

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Semester

COURSE CODE:
SX003TDS[1,2]

ESSENTIALS EMPLOYABILITY: COMMERCIAL FOODS

COURSE DESCRIPTION: Students will have an introduction to the study of food service industry. Areas explored are food preparation, service, and food storage. This course is a part of study leading to a Certificate of Completion.

GRADUATION TRACK:
Certificate of Completion

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Semester

COURSE CODE:
SU251TDS[1,2]

ESSENTIALS EMPLOYABILITY: CORNER & CONVENIENCE STORE

COURSE DESCRIPTION: Students will have training in the following positions: greeters, security workers, baggers, cashiers, stock attendants, custodians, and concessions attendants. These skills will support students in becoming viable, employable, and contributing citizens. This course is part of a course of study leading to a Certificate of Completion.

GRADUATION TRACK:
Certificate of Completion

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Semester

COURSE CODE:
SB161TDS[1,2]

ESSENTIALS EMPLOYABILITY: COPY CENTER

COURSE DESCRIPTION: Students will develop basic office skills while learning appropriate work habits and behavior. This course is part of a course leading to a Certificate of Completion.

GRADUATION TRACK:
Certificate of Completion

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Semester

COURSE CODE:
SK158TDS[1,2]

ESSENTIALS EMPLOYABILITY: FLOWERSHOP

COURSE DESCRIPTION: Students will learn job skills transferable to a real world setting. This course is part of a study leading to a Certificate of Completion.

GRADUATION TRACK:
Certificate of Completion

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Semester

COURSE CODE:
SF053TDS[1,2]

EXCEPTIONAL STUDENT EDUCATION

ESSENTIALS EMPLOYABILITY: LAUNDRY

COURSE DESCRIPTION: Students will develop laundry skills including sequencing, sorting, and reading labels. This course is part of a course of study leading to a Certificate of Completion.

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Semester	COURSE CODE: SY103TDS[1,2]
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ESSENTIALS EMPLOYABILITY: POST OFFICE

COURSE DESCRIPTION: Students will learn sorting, sequencing, and organizational skills. This course is a part of a course of study leading to a Certificate of Completion.

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Semester	COURSE CODE: SK151TDS[1,2]
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ESSENTIALS EMPLOYABILITY: RECYCLING

COURSE DESCRIPTION: Students will develop skills in recycling, upcycling, and repurposing various materials and items that would have ended up in landfills. This course is part of a course of study leading to a Certificate of Completion.

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Semester	COURSE CODE: SS003TDS[1,2]
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ESSENTIALS MICROENTERPRISES (PS)

COURSE DESCRIPTION: Only schedule non-MiCI students in this course. Students will learn valuable vocational skills that can be transferred to future employment such as teamwork, communication, accepting constructive criticism, following directions from supervisors, and working at appropriate rates. This course is part of a course study leading to a Certificate of Completion.

GRADUATION TRACK: Certificate of Completion	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Semester	COURSE CODE: SB151SDS[1,2]
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FINE & PERFORMING ARTS

AE MUSIC APPRECIATION

COURSE DESCRIPTION: In this course, adult learners will learn and understand all genres and cultures of music. This course will provide adult learners with an artistic and historical perspective of music, covering a variety of styles and developments. Adult learners will also acquire basic knowledge and listening skills, making future music experiences more informed and satisfying. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Visual & Performing Arts	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	COURSE CODE: AA118SGS1
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WORLD LANGUAGE & LITERATURE

AE SPANISH I

COURSE DESCRIPTION: In this course, adult learners will learn basic Spanish grammar to help build their fluency and understanding. There are many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, listening, and speaking exercises. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Language/SPN	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AL052SGS[1,2]
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HUMAN SERVICES

AE LIFE SKILLS, ESL

COURSE DESCRIPTION: This course assists non-native English speakers to improve their English skills while learning how to become an effective parent, citizen, and worker.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AU257SLY1

MATHEMATICS

ABE, MATHEMATICS I

COURSE DESCRIPTION: This course assists adult learners who pre-tested below 9th grade level to help improve their mathematics skills. In this course, adult learners will learn basic math concepts, including ratio and proportion, and study the relationship between fractions, decimals, and percents. Adult learners will also explore higher level Algebra and Geometry concepts.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AM994BGY1

ABE, MATHEMATICS II

COURSE DESCRIPTION: A second-year course to assist adult learners who pre-tested below 9th grade level to improve their mathematics skills. It is a review of basic math concepts. Adult learners will also explore theoretical and experimental probability, graph points and functions, solve and graph inequalities, find square roots, identify rational numbers, and use the Pythagorean Theorem.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AM994BGY2

AE ALGEBRA I

COURSE DESCRIPTION: This course covers key concepts such as variables, function patterns, graphs, operations with rational numbers, and properties of rational numbers. Adult learners solve linear equations and inequalities, study slope, and graph linear functions. It also helps adult learners study quadratic equations and functions, radical expressions and equations, rational expressions and functions, and counting methods. This is a hybrid course where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
Math/Algebra I

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Year

COURSE CODE:
AM052HGS[1,2]

AE ALGEBRA II

COURSE DESCRIPTION: In this advanced course, adult learners solve equations, inequalities, systems, and problems using matrices, inverse matrices, matrix operations, and determinants. Adult learners also learn about different functions and are introduced to the imaginary number and find complex solutions to equations. This course also introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. This is a hybrid course where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
Math/Algebra II

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Year

COURSE CODE:
AM056HGS[1,2]

AE ALGEBRA LAB

COURSE DESCRIPTION: In this course, adult learners compare, order, and perform operations with decimals and write and solve one-step equations using number sense and inverse operations. They also explore ratio and proportion, and study the relationship between fractions, decimals, and percents, find percents of numbers, and estimate percents. Adult learners explore theoretical and experimental probability, graph points and functions, solve and graph inequalities, find square roots, identify rational numbers, and use the Pythagorean Theorem. This is a hybrid course where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
Elective

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Semester

COURSE CODE:
AM069LGS1

MATHEMATICS

AE BUSINESS MATHEMATICS

COURSE DESCRIPTION: The adult learner will explore topics such as business statistics, profit calculations, payroll, banking, interest calculations, insurance, taxes, and other business topics. This is a hybrid course where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AM154HGS[1,2]
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AE CONSUMER MATHEMATICS

COURSE DESCRIPTION: In this course, adult learners will learn that money is lost or gained depending upon the information a consumer must have to help him or her make informed decisions. By the end of this course, the adult learner will understand the history of money, define fixed costs and discretionary spending, understand the importance of savings, and recognize the dangers of debt. This course will ask the adult learner to look at financial choices including spending patterns, purchasing motivations, and how to make difficult decisions. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AM157HGS[1,2]
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AE GEOMETRY

COURSE DESCRIPTION: This course addresses basic skills in geometry including reasoning, developing proofs, identifying geometric figures, and constructing figures. This course also teaches adult learners about the properties of right triangles and trigonometric ratios, transformations of plane figures, and the parts of a circle and their properties. Additionally, adult learners will develop and apply formulas for area, surface area, and volume of two- and three- dimensional figures. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/Geometry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AM072HGS[1,2]
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AE PRE-ALGEBRA

COURSE DESCRIPTION: In this course, adult learners learn pre-algebra concepts including writing algebraic expressions, performing operations with integers and fractions, factoring, simplifying expressions with exponents, solving one-step equations and inequalities. This course also addresses writing and solving proportions and percent problems, recognizing linear functions and their graphs, displaying data, and solving multi-step equations that contain integers, fractions, and decimals. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AM051HGS[1,2]
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AE PRECALCULUS

COURSE DESCRIPTION: In this course, adult learners learn precalculus concepts including functions, an analysis of sequences and series, counting principles, the binomial theorem, and probability. Adult learners will use technology to employ multiple approaches to problem solving and data modeling. This course also includes topics on trigonometry, parametric curves, the polar coordinate system, and complex numbers in polar form. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AM110HGS[1,2]
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AE PROBABILITY AND STATS

COURSE DESCRIPTION: In this course, adult learners learn probability and stats concepts including frequency distributions, histograms, graphs, and measures of center and spread. Probability topics include addition rules, multiplication rules, conditional probabilities, counting rules, binomial distribution, and normal distribution. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Math/4th Year	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AM201HGS[1,2]
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MATHEMATICS

GED, MATHEMATICS I

COURSE DESCRIPTION: This course assists adult learners who pre-tested above 9th grade level to improve their mathematics skills. This course addresses concepts such as pre-algebra, algebra, geometry, and calculus. The course also shows how to solve multi-step equations and inequalities, and it presents concepts related to writing and solving proportions and percent problems. As a result of this course, adult learners will pass the math GED exam.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AM994GGY1
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GED, MATHEMATICS II

COURSE DESCRIPTION: The course assists adult learners who pre-tested above 9th grade level to improve their mathematics skills to help them pass the math portion of the GED exam. This course reviews high school courses such as pre-algebra, algebra, geometry and calculus, and demonstrates how to solve multi-step equations and inequalities and presents concepts related to writing and solving proportions and percent problems.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AM994GGY2
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PHYSICAL, HEALTH & SAFETY EDUCATION

AE HEALTH EDUCATION

COURSE DESCRIPTION: In this course, adult learners will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas. Adult learners learn about the physical and psychological needs of children, from birth to age eight, and how to meet these needs in group settings. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Health	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	COURSE CODE: AP051HGS1
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AE PERSONAL FITNESS

COURSE DESCRIPTION: In this course, adult learners will initially explore personal fitness by assessing their physical condition. They will keep a workout log to measure progress. In addition, the teacher will act as a personal trainer who will help them set realistic goals. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	COURSE CODE: AP016HGS1
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AE PHYSICAL EDUCATION

COURSE DESCRIPTION: In this course, adult learners will learn healthy habits of body and mind that will lead to a healthier lifestyle. Adult learners will experience the many benefits of regular physical activity, proper nutrition, and sound decision making. Adult learners will assess their current physical condition and define personal goals. Adult learners will apply fitness training principles, demonstrating improvement in health and skill-related areas of fitness. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Physical Education	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	COURSE CODE: AP001SGS1
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SCIENCE

ABE, SCIENCE I

COURSE DESCRIPTION: This course assists adult learners who pre-tested below 9th grade level in math or English to improve their general science skills. This is an introduction to science with a focus on a variety of concepts including the scientific method, mathematics in science, technology in science, the human body, and the power of water.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AS994BGY1
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ABE, SCIENCE II

COURSE DESCRIPTION: A second-year course to assist adult learners who pre-tested below 9th grade level in math or English to improve their general science skills. The course will continue to teach and review science concepts with a focus on topics like living organisms, the solar system, thermal energy, sound, and light and chemical reactions.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AS994BGY2
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AE BIOLOGY

COURSE DESCRIPTION: This course addresses key concepts and processes from chemistry, cells, cellular respiration, photosynthesis, genetics, and DNA. The scientific method and foundational chemistry facts are presented to assist adult learners in the study of biology. This course also addresses key concepts and processes of evolution, classification, ecology, and human anatomy. This is a hybrid course where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Biology	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AS051HGS[1,2]
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AE CHEMISTRY

COURSE DESCRIPTION: This course addresses key concepts and processes, such as states of matter, atomic theory, organization of the periodic table, types of chemical bonds and reactions, chemical reactions, and stoichiometry. The field of chemistry in relation to the scientific method is also explained. The course explores concepts through lessons and lab videos. This is a hybrid class where teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Science/Chemistry	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AS101HGS[1,2]
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AE EARTH SCIENCE

COURSE DESCRIPTION: This course addresses major Earth Science concepts, such as the materials which compose earth, the rock cycle and types of rocks, Earth's resources, formation and movement of soil, glaciers, deserts, alluvial landscapes, earthquakes, volcanoes, plate tectonics, mountain building, and geologic time. Laboratory concepts are explored through videos and careers in Earth science are explored. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AS001HGS[1,2]
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AE ENVIRONMENTAL SCIENCE

COURSE DESCRIPTION: This course presents relationships between organisms and how these relationships relate to the functioning of ecosystems. Adult learners learn the key concepts and processes of nutrient cycling, biomes, pollution, energy resources, and habitat destruction. The course also covers ways to promote biodiversity and create a sustainable future. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Year	COURSE CODE: AS003SGS[1,2]
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SCIENCE

GED, SCIENCE

COURSE DESCRIPTION: This course assists adult learners who pre-tested above 9th grade level in math or English to review general science. The course will address high school science: Biology, Earth Science, and Chemistry. As a result of this course, adult learners will pass the science GED exam.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AS994GGY1
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GED, SCIENCE II

COURSE DESCRIPTION: A second-year course to assist adult learners who pre-tested above 9th grade level in math or English to review general science. The course will address high school science: Biology, Earth Science, and Chemistry. As a result of this course, adult learners will pass the science GED exam.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AS994GGY2
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SOCIAL SCIENCES & HISTORY

ABE, SOCIAL STUDIES I

COURSE DESCRIPTION: This course assists adult learners who pre-tested below 9th grade level to improve their social studies knowledge. This course will teach basic level American, World and local history as well and an introduction to U.S. government.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AH994BGY1
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ABE, SOCIAL STUDIES II

COURSE DESCRIPTION: A second-year course to assist adult learners who pre-tested below 9th grade level to improve their social studies knowledge. This course will continue the study of American, World, and local history, as well as U.S. Government.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AH994BGY2
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AE CITIZENSHIP, ESL

COURSE DESCRIPTION: This course teaches non-native Americans United States history and civics by learning the systems and culture for naturalization or citizenship.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AZ002CLY1
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AE CIVICS

COURSE DESCRIPTION: This course covers the foundations of American government, political behavior, and the three branches of the federal government to provide an in-depth look at the community of people who make up the country we live. Adult learners learn about who Americans are, what American culture looks like, and how important diversity is in this country.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: SS/Civics	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	COURSE CODE: AH161HGS1
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SOCIAL SCIENCES & HISTORY

AE ECONOMICS

COURSE DESCRIPTION: The course explores the American economy and forms of government. Adult learners gain an understanding of how the government functions. They also learn what it means to be an American citizen, including both the rights and responsibilities of living in the United States. The course concludes by discussing how to get involved in your local government and to work for the common good of your community. Built using responsive design principles, this HTML course is mobile-friendly, meets accessibility requirements, and includes expanded projects and assessments (including performance assessments).

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
SS/Economics

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Semester

COURSE CODE:
AH201HGS1

AE U.S. HISTORY & GEOGRAPHY

COURSE DESCRIPTION: In this course, adult learners will learn about key historical concepts, important historical figures, and significant events to help students gain an understanding of the political, economic, military, and social structures of the early years of the United States through its emergence as a global superpower. The course also addresses key concepts of physical and human geography and presents information about the United States and other countries. This is a hybrid class where the teacher uses supplemental materials and resources to teach the online curriculum.

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
SS/U.S. History &
Geography

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Year

COURSE CODE:
AH101HGS[1,2]

AE WORLD HISTORY AND GEOGRAPHY

COURSE DESCRIPTION: This course assists adult learners who pre-tested above 9th grade level in math and English to meet the requirements of the GED exam in social studies. The course will address high school content expectations for social studies.

GRADUATION TRACK:
HS Diploma

GRADUATION REQUIREMENT:
SS/World History &
Geography

GRADUATION CREDIT:
0.5

COURSE LENGTH:
Year

COURSE CODE:
AH052HGS[1,2]

GED, SOCIAL STUDIES I

COURSE DESCRIPTION: This course assists adult learners who pre-tested above 9th grade level in math or English to review general high school social studies. The course will address high school subjects such as U.S. History, Government, World History, Geography, and Economics. As a result of this course, adult learners will pass the social studies GED exam.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AH994GGY1

GED, SOCIAL STUDIES II

COURSE DESCRIPTION: This second year course teaches adult learners who pre-tested above 9th grade level in math or English to review general high school social studies. The course will continue the study of U.S. History, Government, World History, Geography, and Economics. As a result of this course, adult learners will pass the social studies GED exam.

GRADUATION TRACK:
GED

GRADUATION REQUIREMENT:
N/A

GRADUATION CREDIT:
0

COURSE LENGTH:
Year

COURSE CODE:
AH994GGY2

MISCELLANEOUS

AE ELECTIVE (ABE-GED)

COURSE DESCRIPTION: Adult adult learners will select an organization such as Journalism Club, Website Team, Academic Games, National Adult Education Honor Society, or adult learner ambassadors for an elective and meet daily to plan and prepare projects with an advisor.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AZ999EGY1
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AE INTEGRATED EDUCATION TRAINING (ABE-GED)

COURSE DESCRIPTION: In this course adult learners will learn a career of their choice through a contextualized class setting. The adult learner will learn the role and responsibilities of certain careers and have hands-on training along with real life applications. Certification will be offered after successful completion of the course.

GRADUATION TRACK: GED	GRADUATION REQUIREMENT: N/A	GRADUATION CREDIT: 0	COURSE LENGTH: Year	COURSE CODE: AZ152IGY1
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AE SEMINAR

COURSE DESCRIPTION: In this course, adult learners practice the fundamentals of scientific research methodology by examining a social issue. They develop a research question, find and evaluate existing research, and design and implement an objective research method.

GRADUATION TRACK: HS Diploma	GRADUATION REQUIREMENT: Elective	GRADUATION CREDIT: 0.5	COURSE LENGTH: Semester	COURSE CODE: AZ106SGS1
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Students Rise. We All Rise.