ANN ARBOR PUBLIC SCHOOLS

LEAD. CARE. INSPIRE.

2026–27

High School Course Selection Guide

GRADES 9 – 12

LEAD. CARE. INSPIRE.
ANN ARBOR PUBLIC SCHOOLS

JAZZ PARKS, SUPERINTENDENT OF SCHOOLS
2555 SOUTH STATE STREET
ANN ARBOR, MI 48104
(734) 994-2200
WWW.A2SCHOOLS.ORG

High School Directory

High School	Contact Information
Huron High School	**Address:** 2727 Fuller Road Ann Arbor, Michigan 48105 **Phone:** (734) 994-2040 **Website:** https://huron.a2schools.org
Pioneer High School	**Address:** 601 W. Stadium Blvd Ann Arbor, Michigan 48103 **Phone:** (734) 994-2120 **Website:** https://pioneer.a2schools.org
Skyline High School	**Address:** 2552 N. Maple Road Ann Arbor, Michigan 48103 **Phone:** (734) 994-6515 **Website:** https://skyline.a2schools.org
Community High School	**Address:** 401 N. Division Ann Arbor, Michigan 48104 **Phone:** (734) 994-2025 **Website:** https://community.a2schools.org
A2 Virtual+ Academy	**Address:** 2555 S State St. Ann Arbor, Michigan 48104 **Phone:** (734) 997-1208 **Website:** https://a2virtual.a2schools.org
Pathways to Success	**Address:** 2800 Stone School Road Ann Arbor, Michigan 48104 **Phone:** (734) 997-1237 **Website:** https://pathways.a2schools.org

Table of Contents

School Counseling Program 1
Graduation Requirements 3
Definitions and Explanations 6
Personal Curriculum 10

Course Descriptions

A2 Virtual+ Academy 11
Academic Support 20
Career and Technical Education (CTE) 23
- Business, Management & Administration Pathway 27
- Finance Pathway 31
- Marketing Pathway 33
- Transportation, Distribution & Logistics Pathway 36
- Architecture & Construction Pathway 39
- Natural resources and Conservation Pathway. 40
- Hospitality & Tourism Pathway 40
- Human Services Pathway 43
- Health Science Pathway 44
- Information Technology Pathway 46
- Science, Technology, Engineering & Mathematics Pathway 51

English Language Arts 54
Health Education 76
International Baccalaureate (IB) 78
Magnet Program at Skyline 100
Mathematics 122
Physical Education 120
Project Lead the Way (PLTW) 129
Science 131
Social Studies 145
Special Programs (Rising Scholars and Trailblazers) 160
Visual and Performing Arts (VPAA)
- Art 163
- Music 174
- Theater 182

World Languages 184

School Counseling Program

Ann Arbor Public Schools' Comprehensive School Counseling Program utilizes equitable, data-informed decision making and developmentally appropriate curriculum that focuses on the mindsets and behaviors all students need for postsecondary readiness. The school counseling department's mission is to advocate for each and every students' academic, social-emotional, and career development goals and objectives.

MIDDLE SCHOOL COUNSELING OFFICES

2025-26 School Counselor Assignments*

**Note - Middle School Counselors typically move grade levels with their students*

Ann Arbor Open

Keitha Biggers	994-1910	biggersk@aaps.k12.mi.us	5th-8th grades

A2 STEAM

Stuart Parnes	994-1958	parness@aaps.k12.mi.us	6th-8th grades

A2 Virtual

997-1208

Clague Middle School

Krista Dezsi	994-1976	dezsik@aaps.k12.mi.us	6th grade
Derrick Hallman	994-1976	hallmand@aaps.k12.mi.us	7th grade
Jessica Derscha	994-1976	derschaj@aaps.k12.mi.us	8th grade

Forsythe Middle School

Rita Morris	994-1985	morrisr@aaps.k12.mi.us	6th grade
Amanda Hollis	994-1985	hollisam@aaps.k12.mi.us	7th grade
Cara Crisostomo	994-1985	crisostomoc@aaps.k12.mi.us	8th grade

Scarlett Middle School

Bianca Humphries	997-1220	humphriesb@aaps.k12.mi.us	6th grade
Elizabeth Weale	997-1220	wealee@aaps.k12.mi.us	7th grade
Madeline Micou	997-1220	micou@aaps.k12.mi.us	8th grade

Slauson Middle School

Stacy Kissel	994-2004	kissels@aaps.k12.mi.us	6th grade
Jenna Smith	994-2004	smithjen@aaps.k12.mi.us	7th grade
Kevin Chung	994-2004	chungk@aaps.k12.mi.us	8th grade

Tappan Middle School

Gwen Bonnee	994-2017	bonnee@aaps.k12.mi.us	6th grade
Meagen Hudson	994-2017	hudsonme@aaps.k12.mi.us	7th grade
Christa Dolan	994-2017	dolanc@aaps.k12.mi.us	8th grade

School Counseling Program

HIGH SCHOOL COUNSELING OFFICES

2025-26 School Counselor Assignments

Community High School

Melissa Herskowitz	994-2027	herskowitzm@aaps.k12.mi.us
Brian Williams	994-2027	willia18@aaps.k12.mi.us

Pathways to Success Academic Campus

997-1237

Huron High School

Heather Potocki	994-8203	potockih@aaps.k12.mi.us	A-Chi
Caitlin VanCleve	994-2051	vanclevec@aaps.k12.mi.us	Cho-GL
Emily Mashal	994-2050	mashale@aaps.k12.mi.us	Go-H & Rising Scholars
Joel Hacker	994-2040	hackerj@aaps.k12.mi.us	I-Mars
Tiffany Kincaid	994-2040	kincaidt@aaps.k12.mi.us	Mart-P
Nicole Nunlee	994-2066	nunlee@aaps.k12.mi.us	Q-Tan
Nina Perko	994-2058	perkon@aaps.k12.mi.us	Tar-Z

Pioneer High School

Marissa Bailey-Johnson	994-2131	baileyjohnsonm@aaps.k12.mi.us	grades 9-12 & Rising Scholars
Stephanie Carter	994-2124	carters@aaps.k12.mi.us	grades 9-12
Levi Jackson	994-2146	jacksonle@aaps.k12.mi.us	grades 9-12
Christopher Kasper	994-8229	kasperc@aaps.k12.mi.us	grades 9-12
Andrew Reinemann	994-2120	reinemanna@aaps.k12.mi.us	grades 9-12
John Shelton	994-2120	sheltonj@aaps.k12.mi.us	grades 9-12
Sara Vance	994-2149	vance@aaps.k12.mi.us	grades 9-12

Skyline High School

Dennis Brunzell	994-7674	brunzelld@aaps.k12.mi.us	A-Del
David Almassy	994-8492	almassyd@aaps.k12.mi.us	Dem-Ha & Rising Scholars
Liza Dedvukaj	994-7721	dedvukajl@aaps.k12.mi.us	He-Mar
Jacinta Nafziger	994-7701	nafzigerj@aaps.k12.mi.us	Mas-Sa
Charissa Bass	994-7685	brownbassc@aaps.k12.mi.us	Sc-U & Skysquad
Heather Schimmel	994-7695	schimmel@aaps.k12.mi.us	V-Z & Skysquad

ANN ARBOR PUBLIC SCHOOLS STATEMENT OF NON-DISCRIMINATION
No person shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination in any educational program or activity available in any school on the basis of race, color, sex, religion, creed, political belief, age, national origin, linguistic and language differences, sexual orientation, gender, gender identity, gender expression, socioeconomic status, height, weight, marital or familial status, disability or veteran status. The following person has been designated to handle inquiries regarding the nondiscrimination policies: The Executive Director of Human Resources, 2555 S. State Street, Ann Arbor, MI 48104, (734) 994-9444.

Graduation Requirements

SUBJECT AREA CREDIT REQUIREMENTS

Each student must earn **18.5 credits** in the subject areas and courses specified below:

Credits

Arts **1.0**
- Visual, performing and applied arts (1 credit)

English Language Arts **4.0**
- English 9* (1 credit)
- English 10* (1 credit)
- English electives (2 credits)

Health **0.5**
- Health & Wellness (.5 credit)

Mathematics **4.0**
- Algebra I (1 credit) †
- Geometry (1 credit)
- Algebra II (1 credit)
- Mathematics elective – Grade 12 (1 credit)

† Algebra I credit earned in 8th grade applies toward graduation requirements

Physical Education..... **0.5**
- Personal Fitness (.5 credit)

Science **3.0**
- Biology (1 credit)
- Chemistry (.5 credit)
- Physics (.5 credit)
- Earth Science (1.0 credit)

Social Studies **3.0**
- World History & Geography (1 credit)
- United States History & Geography (1 credit)
- United States Government (.5 credit)
- Economics (.5 credit)

World Language **2.0**

Personal Finance **0.5**
- Students earn a 0.5 Personal Finance credit simultaneously through completion of Economics courses orL Personal Finance courses. The 0.5 Personal Finance credit will appear on student transcripts automaticallyL upon completion of an Economics course or a Personal Finance course.

ALSO REQUIRED:
- **Online Integrated Learning Experience**
- **Electives** **4.0**

Total Credits Required To Earn A High School Diploma Class of 2027 and prior.....22.0

Total Credits Required to Earn A High School Diploma Class of 2028 and beyond 22.5

Beginning with the class of 2028, all Ann Arbor Public School students will earn a .5 personal finance credit within the existing graduation-required economics course. The total number of credits required for an AAPS diploma will be 22.5.

*Course names may differ among schools from what appears above. The detailed course selection guide will indicate whether the course will meet the specific requirement in these subject areas.

NCAA eligibility must be established prior to graduation. Students must review course selection with counselors to ensure requirements are met.

Graduation Requirements

Current Graduation Requirements for Class of 2027 and Prior		Graduation Requirements for Class of 2028 and Beyond	
Content	**Credit**	**Content**	**Credit**
Arts	**1.0**	**Arts**	**1.0**
English Language Arts	**4.0**	**English Language Arts**	**4.0**
Health	**0.5**	**Health**	**0.5**
Mathematics	**4.0**	**Mathematics**	**4.0**
Physical Education	**0.5**	**Physical Education**	**0.5**
Science	**3.0**	**Science**	**3.0**
Social Studies	**3.0**	**Social Studies**	**3.0**
World Language	**2.0**	**World Language**	**2.0**
Electives	**4.0**	**Electives**	**4.0**
		Personal Finance (Earned simultaneously within the existing economics course - no additional course or seat time required)	**0.5**
Total	**22**	**Total**	**22.5**

GENERIC FOUR-YEAR PLAN WORKSHEET

Each school will provide a more detailed worksheet for you to complete.

Goals are essential to planning your career. They serve as a road map, giving you a destination and a route. With a concrete path, you will be able to plan for and achieve the career of your choice. There is no better time to plan for your future than now. To help you along the way, complete the four-year high school plan using graduation requirements and electives that support your career path. Include work-related experience in your plan. As you gain new experiences, you may find the need to revise your plan. Remember that this plan should reflect your interests and abilities and should be INDIVIDUALIZED TO MEET YOUR NEEDS.

GRADE 9

1st TERM

1 _____
2 _____
3 _____
4 _____
5 _____
6* _____
7* _____

2nd TERM

1 _____
2 _____
3 _____
4 _____
5 _____
6* _____
7* _____

3rd TERM (Skyline and Pathways Only-Trimester Schedule)

1 _____
2 _____
3 _____
4 _____
5 _____

GRADE 10

1st TERM

1 _____
2 _____
3 _____
4 _____
5 _____
6* _____
7* _____

2nd TERM

1 _____
2 _____
3 _____
4 _____
5 _____
6* _____
7* _____

3rd TERM (Skyline and Pathways Only-Trimester Schedule)

1 _____
2 _____
3 _____
4 _____
5 _____

GRADE 11

1st TERM

1 _____
2 _____
3 _____
4 _____
5 _____
6* _____
7* _____

2nd TERM

1 _____
2 _____
3 _____
4 _____
5 _____
6* _____
7* _____

3rd TERM (Skyline and Pathways Only-Trimester Schedule)

1 _____
2 _____
3 _____
4 _____
5 _____

GRADE 12

1st TERM

1 _____
2 _____
3 _____
4 _____
5 _____
6* _____
7* _____

2nd TERM

1 _____
2 _____
3 _____
4 _____
5 _____
6* _____
7* _____

3rd TERM (Skyline and Pathways Only-Trimester Schedule)

1 _____
2 _____
3 _____
4 _____
5 _____

Definitions and Explanations

A2 VIRTUAL+ ACADEMY:

The primary objective for the A2 Virtual+ Academy is to provide students access to online and extended learning options that will help them to develop a personalized learning path. Visit the website for more information at http://www.a2virtual.org.

There are a variety of online courses that students may take through A2 Virtual+ Academy. Students approved for an online course are required to complete an orientation and have a minimum of two of their tests proctored. Students can request to take an online course by completing registration and following the directions posted at http://www.a2virtual.org.

ADULT EDUCATION:

You do not have to live in the Ann Arbor school district to take advantage of the AAPS Adult Education program. Free classes are offered for adults 18 and older who wish to improve their English language skills or complete their high school education by earning their General Equivalency Degree (GED) certificate. Please call (734) 997-1250 for more information.

CAREER AND TECHNICAL EDUCATION:

Career and Technical Education programs are hands-on, professional learning courses. Instruction is related to the skills and practices for specific occupational areas. These programs are open to all high school students. Students are encouraged to talk with their school counselors. More information can be found at Career & Technical Education.

COMMUNITY RESOURCE PROGRAM:

The Community Resource Program offers a non-traditional choice to all AAPS secondary students. The program offers students flexibility in how they earn high school credits by offering:

- Student/mentor created, self-paced courses
- Specialized or in-depth experiences
- Flexibility in curriculum design
- Non-traditional educational settings

See the CR website for more information: https://sites.google.com/aaps.k12.mi.us/cr-site/home

Or contact your school counselor or the CR office at Community High School at (734) 994-2026.

CR Courses:

A Community Resource (CR) course is an individualized, learning experience conducted by a member of the community who is an expert in their field of study. CR courses are designed to help students explore their community, enrich the curriculum, and meet individual needs through non-traditional methods. Students may study in a variety of community settings including universities, businesses, social service agencies or any location of the student's choosing. A certified AAPS teacher, called a CR Monitor, approves and monitors all CR courses. Courses must align with the Michigan Merit Curriculum.

Definitions and Explanations

CREDIT:

One (1) full unit of credit is the equivalent of one class period per day, five days per week, for one school year.

EARLY GRADUATION:

Students who complete the minimum graduation requirements in fewer than four years are encouraged to explore other course offerings in high school. Allowable variances from this general requirement include:

a. Early admission to an institution of higher education
b. Early admission to a technical training school or other valid post-secondary educational setting
c. Entrance into a branch of military service
d. Employment in the private or public sector

ENROLLMENT OPPORTUNITIES:

Dual Enrollment:

Under certain conditions, a secondary student may enroll in a class in a Michigan public or private college and receive partial, or full, tuition and fees from the school district. Contact your school counselor for more information.

Split Enrollment:

Under certain conditions, a student may enroll in a class (or classes) at another Ann Arbor Public high school other than their assigned school. This is considered a **split-enrolled student**. Contact your school counselor for more information.

FOREIGN EXCHANGE REQUIREMENTS:

International exchange students who qualify for senior status and desire a diploma from the Ann Arbor Public School district must earn 4.0 credits distributed as follows:

- American Literature (0.5)
- Additional English Elective (0.5)
- United States Government (0.5)
- United States History (1.0)
- Additional Electives (1.5)

GRADE POINT AVERAGE (GPA):

GPA is a number that represents the average of all courses calculated on work completed in grades 9-12.

To calculate your grade point average, take the sum of the total grade points multiplied by the credit for each course divided by the sum of all credits attempted.

$$\frac{\Sigma \text{ (grade points) x (credit for each course)}}{\Sigma \text{ all credits attempted}}$$

Definitions and Explanations

GRADE POINT SYSTEM:

This table reflects the 4.00 grade point scale. To compute your GPA, add up the number of Grade Points received and divide by the number of credits attempted.

Grade	Grade Points	Weighted Grade Points for AC/AP/DP/CP Courses (Honor Courses)
A	4.00	4.00
A-	3.67	4.00
B+	3.33	3.67
B	3.00	3.33
B-	2.67	3.0
C+	2.33	2.67
C	2.00	2.33
C-	1.67	2.00
D+	1.33	1.67
D	1.00	1.33
D-	0.67	1.00
E	0.00	No Weighting

HIGH SCHOOL DIPLOMA:

Class of 2027 and prior: A certificate that represents 22 credits earned within four years of study in grades 9-12 (or its equivalent).

XELLO:

All middle school and high school students utilize resources in Xello (College and Career Readiness Software) to update their educational development plans on an annual basis. Students are encouraged to regularly access the career and college resources in Xello.

SPECIAL EDUCATION SERVICES:

Special Education services for the Ann Arbor Public Schools are operated and administered through the Office of Special Education, local buildings, and the Washtenaw Intermediate School District. Federal and State law regulates Special Education. Contact your school counselor or the Office of Special Education at (734) 994-2318 for more information.

Definitions and Explanations

STANDARDIZED TESTING:

Students and parents are notified of testing dates and information each school year. Check with your school counselor for more information.

- **AP** (Advanced Placement Examinations) follow a national schedule by exam subject
- **MME** (Michigan Merit Exam) participation required for graduation from the Ann Arbor Public Schools
- **PSAT8/PSAT9/PSAT10** – offered in the spring to 9th and 10th grade students respectively
- **PSAT/NMSQT** (Preliminary Scholastic Assessment Test) simulation tests (for practice only) – offered in the fall to 11th grade students to prepare for the SAT
- **SAT** (Scholastic Assessment Test) – 11th grade students participation in the school day SAT in the spring is required for graduation from the Ann Arbor Public Schools
- **SAT** (Scholastic Assessment Test) - **http://www.collegeboard.com**
- **ACT - http://www.actstudent.org**

TESTING OUT:

Any high school student may test out of any Michigan Merit Curriculum course offered by his/her high school. Students who test out of a course required for graduation will receive graduation credit.

Testing Out occurs during the summer. Specific instructions will be given to high school buildings prior to the registration period. Registration deadlines are firm, no exceptions. Some courses may require research papers, essays, portfolios, etc., or performance demonstrations, as well as written exams. See your school counselor for more information. Listen for building announcements and check the school district's website at https://www.a2schools.org/teaching-learning/testing-out.

WORK-BASED LEARNING PROGRAM (WBL):

Students who are junior and seniors have the opportunity to participate in the Work-Based Learning (WBL) program, which is designed to recognize the value of school-supervised work as a learning experience. Students enrolled in the Work-Based Learning program work 10 hours per week under the supervision of the employer and the school coordinator. Students are paid and receive one full unit of credit each term. For more information, contact your school counselor or the coordinator at Huron, Pioneer, or Skyline.

Personal Curriculum

Annual Notice of the Right to Request a Personal Curriculum Modifying Michigan Merit Curriculum Requirements for Graduation

What is the personal curriculum?

The personal curriculum (PC) is a process to modify specific Michigan Merit Curriculum (MMC) high school credit requirements and/or content expectations based on a student's unique learning needs and post-secondary goals. It is designed to serve students who want to accelerate or go beyond the MMC requirements and students who need to individualize MMC requirements to earn a high school diploma.

Who may request a personal curriculum?

A personal curriculum may be requested by

- the parent or guardian of a student for whom a personal curriculum is sought, or
- the student if the student is of the age of majority,
- or an emancipated minor may request a personal curriculum,
- a teacher who is currently teaching the student (who currently teaches in, or whose expertise is in, a subject area proposed to be modified by the PC, or who is determined by the principal to have qualifications otherwise relevant to developing a PC), or
- a school counselor or school employee qualified to act in a counseling role.

If the request for a PC is made by the student's parent or legal guardian or, if the student is at least 18 years old or is an emancipated minor, the school district shall develop a PC for the student pursuant to the parameters outlined in 380.1278b(5).

When may a personal curriculum be requested?

If the student has an Individualized Education Plan (IEP), the personal curriculum request may be submitted prior to 9th grade.

(Note: Any resulting PC may not be implemented until the student begins/enters 9th grade.) If the student does not have an Individualized Education Plan (IEP), the personal curriculum request may be requested after the student has completed 9th grade.

For more information on the Personal Curriculum (PC), or to make a request for a PC, please contact your student's principal or school counselor or visit the district's website at **https://www.a2schools.org/teaching-learning/personal-curriculum.**

A2 Virtual+ Academy

Online courses are offered through the A2 Virtual+ Academy. Students approved for an online course are required to complete an orientation session and have a minimum of two of their tests proctored and District Common Assessment if assigned. AP classes may have additional proctoring requirements. On the following pages are some of the online offerings. Please check the A2 Virtual+ Academy website at http://www.a2virtual.org for the current course offerings. (**OLAA** = Online Learning Ann Arbor and indicates this class is taught by an A2 Virtual+ teacher highly qualified in that subject.)

Registration information can be found at http://www.a2virtual.org.

ENGLISH LANGUAGE ARTS HIGH SCHOOL

CREATIVE WRITING, OLAA

School(s): **All High Schools**

Course #: **981129** Platform Offered: **Apex** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	English 8 or equivalent	**APPROVED**

This course is designed for students who have a strong interest in writing both poetry and prose. Students will explore elements of short fiction and poetry, culminating in a written portfolio that includes one revised short story and three to five polished poems. Students draft, revise, and polish fiction and poetry through writing exercises, developing familiarity with literary terms and familiarity with the writing process as they study elements of creative writing.

ENGLISH 10A & 10B, OLAA

School(s): **All High Schools**

Course #: **981122, 981123** Platform Offered: **Apex, Edgenuity** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English 10	English 9 or equivalent	**APPROVED**

Students read novels, short stories, poetry, literature, and informational texts, write creatively and analytically, communicate individually and in online discussion forums, and through the study of English language arts. Students continue to increase their literary analysis skills by studying a variety of authors and works, including world literature; develop their composition skills by applying the writing process to essays of reflection, argumentation and critical analysis; focus on the history of the English language.

ENGLISH 9A & 9B, OLAA

School(s): **All High Schools**

Course #: **981120, 981121** Platform Offered: **Apex, Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English 9	English 8 or equivalent	**APPROVED**

Students read literature and informational texts, write creatively and analytically, communicate individually and in groups, and through the study of English language arts. Students increase their literary analysis skills by studying a variety of authors and works, focusing on American literature and poetry; develop their composition skills by applying the writing process to literary analysis, character and memory sketches; focus on the social, regional, and functional varieties of American English.

LITERATURE, AMERICAN A & B, OLAA

School(s): **All High Schools**

Course #: **981124, 981125** Platform Offered: **Apex** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English Elective	English 10 or equivalent	**APPROVED**

Students become acquainted with some major American novels, historical documents, short stories, drama and poetry. Emphasis is placed on both critical reading and the study of characteristics of various literary types. The course requires outside readings based on themes selected by the teacher and continual writing of formal essays. This course meets the English 11 requirement.

Course is comparable to Literature, American, #105011.

ENGLISH 11A & 11B, OLAA

School(s): **All High Schools**

Course #: **981131, 981132** Platform Offered: **Edgenuity** Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	1.0	English 11	English 10 or equivalent	**APPROVED**

This junior-year English course invites students to delve into American literature, from early American Indian voices through thoughtful contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students will read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Nathaniel Hawthorne, Charlotte Perkins Gilman, Langston Hughes, Martin Luther King, Jr., F. Scott Fitzgerald, Leslie Marmon Silko, Judith Ortiz Cofer, Amy Tan, Naomi Shihab Nye, and Michio Kaku.

LITERATURE, BRITISH A & B, OLAA

School(s): **All High Schools**

Course #: **981126, 981127** Platform Offered: **Apex** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	1.0	English Elective	English 11 or equivalent	**APPROVED**

In this course students read novels, poetry and drama by British writers, ranging from 11th Century to 20th Century. Emphasis is on critical reading as well as the study of various literary types. The course requires outside readings based on themes selected by the teacher and continual writing of formal essays. This course meets the English 12 requirement.

Course is comparable to Literature, British, #105211

ENGLISH 12A & 12B, OLAA

School(s): **All High Schools**

Course #: 981133, 981134 Platform Offered: **Edgenuity** Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	1.0	English 12	English 11 or equivalent	**APPROVED**

This senior-year English Language Arts course invites you to explore a diverse collection of texts organized into thematic units. You will engage in literary analysis and inferential evaluation of both classic and contemporary literature. While critically reading fiction, poetry, drama, and expository nonfiction, you will learn comprehension and literary-analysis strategies. Tasks will encourage you to strengthen your oral language skills and produce creative, coherent writing. You will read a range of classic texts including the ancient epic Gilgamesh, William Shakespeare's Hamlet, and Oscar Wilde's The Importance of Being Earnest. You will study short but complex texts, including essays by Jonathan Swift and Mary Wollstonecraft, and influential speeches by Queen Elizabeth I and Franklin D. Roosevelt. Modern and contemporary texts by Rabindranath Tagore, Seamus Heaney, J. R. R. Tolkien, and Derek Walcott round out the course.

MEDIA LITERACY, OLAA

School(s): **All High Schools**

Course #: **981128** Platform Offered: **Apex** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	English 8 or equivalent	**APPROVED**

Introduction to Media Literacy exposes students to techniques of mass media: advertisements, blogs, websites, social media, news media, and wikis. Students will critically analyze mass media, its messages, and its role in society. The students will work with computer media to create presentations that tell a story, provide information in an unbiased manner, or express a viewpoint.

MATHEMATICS HIGH SCHOOL

ALGEBRA 1A & 1B, OLAA

School(s): **All High Schools**

Course #: **983117, 983118** Platform Offered: **Edgenuity, Aleks** Grade(s): **8, 9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Algebra I	Math 7 or equivalent	**APPROVED**

This is a comprehensive first-year algebra course that follows the common core state standards, known as CCSS. The course focuses on the real number system, expressions, equations, inequalities, functions, systems of equations and inequalities, linear, exponential, and quadratic relationships, polynomials and descriptive statistics.

ALGEBRA 2A & 2B, OLAA

School(s): **All High Schools**

Course #: **983317, 983318** Platform Offered: **Edgenuity, Aleks** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Algebra 2	Geometry	**APPROVED**

This is an advanced algebra course which includes number systems, review of linear sentences, polynomials, rational expressions, systems of equations and inequalities, introduction to functions, coordinate geometry, exponents, logarithms, trigonometry, conic sections, graphing calculator usage, and some theory of equations, sequences, probability, and statistics.

GEOMETRY A & B, OLAA

School(s): **All High Schools**

Course #: **983217, 983218** Platform Offered: **Edgenuity, Aleks** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Geometry	Algebra I or equivalent	**APPROVED**

This course integrates the basic concepts of plane and solid geometry, introduces logic, proof, constructions, and trigonometry, and strengthens algebra skills.

MATH, FINANCIAL A & B, OLAA

School(s): **All High Schools**

Course #: **983030, 983031** Platform Offered: **Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Math Elective	Algebra II	

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

PRECALCULUS A & B, OLAA

School(s): **All High Schools**

Course #: **983418, 983419** Platform Offered: **Aleks** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Math Elective	Algebra II	**APPROVED**

This course is designed for students with above average interest in Mathematics who are preparing for Calculus. Strong algebra skills are a must for taking on complicated operations with polynomial and rational functions. The course includes thorough investigation of intercepts, asymptotes, and transformations, as well as sequences and series, conic sections, matrices, exponential and logarithmic functions, vectors, trigonometric identities, and limits. Polar coordinates and parametric equations are introduced.

HIGH SCHOOL ELECTIVES

HEALTH/PERSONAL FITNESS

HEALTH & WELLNESS, OLAA

School(s): **All High Schools**

Course #: **988511** Platform**: Apex** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Health & Wellness	None	

This course will provide an overview of current facts and issues in the following areas of health: Health and Wellness; Nutrition; Physical Activity; Alcohol, Tobacco, and Other Drugs; Safety; Social and Emotional Health; HIV Prevention; and Sexuality Education. It also includes a blended online curriculum through the American Red Cross, which covers CPR, AED and First Aid training.

PERSONAL FITNESS, OLAA

School(s): **All High Schools**

Course #: **988112** Platform**: Apex** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Personal Fitness	None	

As part of this course, students are required to meet with the instructor for an orientation and 2 baseline fitness assessments. This course involves instruction and practice in planning, implementing and evaluating an individualized fitness program. Students are required to participate and log weekly flexibility, cardiovascular, muscular strength and endurance activities. The emphasis of the course will be on lifetime health and related fitness.

YOGA, OLAA

School(s): **All High Schools**

Course #: **988114** Platform**: Schoology** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:
1 Term	0.5	General Elective	None

This class offers a variety of yoga classes, including power vinyasa, mat pilates, restorative, and yin flows in an inviting, fun, and inclusive environment. These style classes will help students of any yoga level, beginner or intermediate, to build flexibility and muscle tone while experiencing mental stillness. By the end of the semester, students will develop a mindfulness journal, be able to create their own yoga sequence, and build confidence to continue incorporating yoga into their daily lives outside of school. Find out more about the class here: Introduction to Yoga

ART

ART HISTORY, OLAA

School(s): **All High Schools**

Course #: **987111** Platform**: Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:
1 Term	0.5	General Elective	None

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, Art History I offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this full-year course will cover topics including early Medieval and Romanesque art through modern art in Europe and the Americas.

STUDY SKILLS

STRATEGIES FOR ACADEMIC SUCCESS , OLAA

School(s): **All High Schools**

Course #: **988114** Platform**: Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:
1 Term	0.5	General Elective	None

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles. This course encourages high school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

SCIENCE HIGH SCHOOL

BIOLOGY A & B, OLAA

School(s): **All High Schools**

Course #: **984120, 984121** Platform Offered: **Apex, Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Biology	8th Grade Science	**APPROVED**

This compelling two-term course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a year-long course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology.

CHEMISTRY I, OLAA

School(s): **All High Schools**

Course #: **984027** Platform Offered: **Edgenuity** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Chemistry	None	**APPROVED**

This rigorous one-term course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes virtual laboratory experiments that encourage higher-order thinking applications. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, mathematical applications, and applications of chemistry in the real world.

EARTH: HISTORY, SYSTEMS & SUSTAINABILITY , OLAA

School(s): **Huron**

Course #: **984602** Platform Offered: **Apex** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Earth Science	None	**APPROVED**

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Course topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history, Earth's environment, sustainability, and energy resources. Teacher-scored labs encourage students to apply the scientific method.

EARTH SCIENCE A & B, OLAA

School(s): **All High Schools**

Course #: **984600, 984601** Platform Offered: **Apex** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Earth Science	None	**APPROVED**

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space.

Course topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, geologic history, Earth's environment, sustainability, and energy resources. Teacher-scored labs encourage students to apply the scientific method.

PHYSICS I, OLAA

School(s): **All High Schools**

Course #: **984037** Platform Offered: **Edgenuity** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Physics	None	**APPROVED**

This one-term course acquaints students with topics in classical and modern physics. The first semester offers an introduction to physics and discusses topics in one-dimensional and two-dimensional motion, forces, work and energy, waves, light sound, and magnetism. The course emphasizes conceptual understanding of basic physics principles, with some problem-solving. There are interactive conceptual and problem-solving examples throughout the lessons, as well as interactive lab simulations.

SOCIAL STUDIES HIGH SCHOOL

ECONOMICS, OLAA

School(s): **All High Schools**

Course #: **982034** Platform Offered: **Apex, Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Economics	1 credit High School Social Studies	**APPROVED**

This one term course invites students to broaden their understanding of how economic concepts apply to their everyday lives --including microeconomic theory and the characteristics of mixed-market economies, the role of government in a free enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

Microeconomics, AP, OLAA

School(s): **All High Schools**

Course #: **983073** Platform Offered: **Apex** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Economics	High school student	**APPROVED**

AP Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college cours AP Microeconomics prepares students for the AP exam and for further study in business, history, and political science.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

***AP classes have required due dates and late submission grade penalties that differ from non-AP courses. ***

MACROECONOMICS, AP, OLAA

School(s): **All High Schools**

Course #: **983074** Platform Offered: **Apex** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Economics	High school student	**APPROVED**

AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100- level college-level class, this course prepares students for the AP exam and f further study in business, political science and history.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

***AP classes have required due dates and late submission grade penalties that differ from non-AP courses. ***

GOVERNMENT, U.S., OLAA

School(s): **All High Schools**

Course #: **982043** Platform Offered: **Apex, Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	US Government	1 credit High School Social Studies	**APPROVED**

Responsible citizenship, including civil and political participation is essential to maintain a representative government that truly represents the people of the United States. In this course, students learn about the structure of government and how it shares power at the local, state and federal levels. This course also explores founding principles that inspired the Constitution and Bill of Rights, reserving the freedom that students experience daily. Students will examine the processes of each branch of government, the election process, and how citizens can impact public policy. The media, interest groups and influential citizens provide examples of how the government can be affected by informed and active participants. Students will examine the U.S. Court system, and become a part of the process by participating in the judicial decision making process. They will also discover ways the United States interacts with countries around the world, through domestic policy, foreign policy and human rights policy. Completion of this course will allow you to act as an informed citizen who is ready to participate in American democracy.

GOVERNMENT, U.S. AP, OLAA

School(s): **All High Schools**

Course #: **982064** Platform Offered: **Apex** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	US Government	1 credit High School Social Studies	**APPROVED**

This course studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics, and to analyze the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP U.S. Government prepares students for the AP exam and for further study in political science, law, education, business, and history.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

***AP classes have required due dates and late submission grade penalties that differ from non-AP courses. ***

HISTORY AND GEOGRAPHY, U.S, A & B, OLAA

School(s): **All High Schools**

Course #: **982025, 982026** Platform Offered: **Apex, Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	US History & Geography	1 credit High School Social Studies	**APPROVED**

The historical development of our nation is studied to help students know how its social, cultural and political institutions developed. Students will, therefore, comprehend the causes of the problems which exist in contemporary society. Attention will be given to an analysis of the effects of the unique multiethnic/multicultural composition of this country's population on the evolution of its national history. The first term covers a brief review of early American history to reconstruction and focus is on the late 1800's through the Great Depression. The second term covers the development of modern America through the 20th century to the present.

HISTORY AND GEOGRAPHY, WORLD A & B, OLAA

School(s): **All High Schools**

Course #: **982015, 982016** Platform Offered: **Apex, Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World History & Geography	8th grade Social Studies	**APPROVED**

As students study World History, they will learn about the human experience over time and space. They will encounter powerful and sometimes conflicting ideas while learning about people and events in different places and times. They will investigate our diverse and common traditions, and work to understand the complex interactions amongst various environmental, human and social forces that have influenced and continue to influence us. Studying World History connects us to people and events across time and space, illuminating the range and depth of human experience on grand as well as local scales. The curriculum will encourage students to take a global and comparative approach in working across time and space to study, analyze and develop an understanding of the causes, consequences and global patterns of World History. Students will be able to understand, analyze, and interpret historical movements and events to help them better understand and make sense of the world we live in today.

HISTORY OF THE HOLOCAUST, OLAA

School(s): **All High Schools**

Course #: **982090** Platform Offered: **Edgenuity** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	8th grade History	**APPROVED**

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multidisciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

PSYCHOLOGY, OLAA

School(s): **All High Schools**

Course #: **982054** Platform Offered: **Apex** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Elective	High school student	**APPROVED**

Psychology is a survey course designed to clarify and build an understanding of ourselves, our peers, and other important relationships in our lives. The emphasis is placed upon learning the skills and approaches necessary to study human behavior and mental processes. This includes: how we learn to be ourselves, how we store memories and experiences, how we think, how our physical being affects our mind, factors motivating our behaviors, and learning basic skills to promote healthy relationships.

PSYCHOLOGY, AP A & B, OLAA

School(s): **All High Schools**

Course #: **982055, 982056** Platform Offered: **Schoology** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Elective	1 credit High School Social Studies	**APPROVED**

This course provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

***AP classes have required due dates and late submission grade penalties that differ from non-AP courses. ***

WORLD LANGUAGES HIGH SCHOOL

SPANISH 1A & 1B, OLAA

School(s): **All High Schools**

Course #: **985413, 985414** Platform Offered: **Apex** Grade(s): **6-12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

Spanish I teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the structures and uses of present-tense verb forms, imperatives, adjective agreement, impersonal constructions, formal and informal address, and reflexive verbs. Students explore words used in different Spanish-speaking regions and learn about the cultures of Spanish-speaking countries and regions within and outside Europe. The material in this course is presented at a moderate pace.

SPANISH 2A & 2B, OLAA

School(s): **All High Schools**

Course #: **985423, 985424** Platform Offered: **Apex** Grade(s): **7-12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	World Language	None	**APPROVED**

Building on Spanish I concepts, Spanish II students learn to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal situations. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Students expand their vocabulary in topics such as cooking, ecology, geography, and architecture. Instruction in language structure and grammar includes a review of present-tense verb forms, an introduction to the past tense, the conditional mood, imperatives, impersonal constructions, and reported speech. Students deepen their knowledge of Spanish-speaking regions and cultures by learning about history, literature, culture, and contemporary issues.
The material in this course is presented at a moderate pace.

Academic Support

ACADEMIC SUPPORT

School(s): **Huron, Pioneer, Skyline, Pathways**

Course #: **908018**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	Placement	

The primary focus of this course shall be to provide targeted instruction centered around students' IEP goals and is considered a companion course for students participating in the Michigan Merit Curriculum. This course is an option for students with IEPs who need intervention in ELA and/or math or to meet student transition needs to make progress toward the general education curriculum. The course is designed to help middle & high school students succeed in their required academic courses by providing additional instructional time and subject-specific learning strategies for students who need the extra assistance.

ACADEMIC LITERACY

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **103014**
103018, 103019, 103020

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective*	Literacy intervention criteria and teacher recommendation	

Students in Academic Literacy must be co-seated in a core English course, English 9 or English 10. The emphasis of the Academic Literacy course will be on developing foundational literacy skills. Teachers will use the evidence-based Adolescent Accelerated Reading Initiative (AARI) framework, which focuses on critical thinking in informational text to help students access content from texts.

AARI emphasizes small group instruction that meets students where they are and accelerates their reading through instruction built around:

- Community
- Text-Based Inferencing and Critical Thinking
- Question Answer Relationship (QAR) and Questioning the Author (QtA)
- Text Structure

AARI seeks to support students in building more positive reader identities that empower them in all aspects of their lives.

*If a student has not passed the co-seated English 9 or English 10 course, Academic Literacy can count toward English 9 or English 10 credit to keep students on track for graduation.

Academic Support

ENGLISH PLUS
ENGLISH PLUS-ELE

School(s): **Huron, Pathways*, Pioneer, Skyline****

Course #: **991100**
991134

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	1.0	English 9 or 10 (.5) and General Elective (.5)*	Literacy intervention criteria and teacher recommendation	

English Plus is a Tier III course designed specifically for students who enter high school reading significantly below grade level. This course teaches both the core (English 9/10) plus more (Academic Literacy) in a two-hour block. This course is designed to provide students with a smaller environment for one-on-one and small group work on foundational literacy skills alongside grade-level curriculum.

Must enroll in both sections.

***At **Pathways,** English Plus is a one-period course spread over two trimesters. Students receive English 9 or English 10 credit for two terms.
At **Skyline, English Plus is a one-period course spanning three trimesters. ** Students receive English 9 or English 10 credit for two terms and General Elective credit for one term.

ALGEBRA 1, INTENSIFIED P1
ALGEBRA 1, INTENSIFIED P2

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **301055, 301056, 301057, 301058**
301051, 301052, 301053, 301054

Grade(s): **9, 10, 11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	1.0*	Algebra 1 (0.5) and Math Elective (0.5)	None	**APPROVED**

Algebra I Intensified uses an asset-based approach that builds on students' strengths and helps students to develop academic skills and math identities by engaging them in the learning experience. The program is designed to help struggling students succeed in catching up to their peers, equipping them to be successful in Algebra I and their future mathematics and science courses.

This course is a two-hour block class.

*At **Skyline and Pathways, the** *total credit for the year* is 1.5 (Algebra 1.0 and Math Elective 0.5).

MATH SUPPORT, GENERAL

School(s): **Community, Huron, Pathways, Pioneer, Skyline**

Course #: **307010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 or 2 Terms	0.5	General Elective	Teacher recommendation	

The Math Support class will center on building the math skills of students enrolled in another math class and will include pre-teaching and re-teaching activities related to topics covered within the course. **Skills foundational to high school math courses will be the emphasis of instruction.**

Math support counts as an elective credit and does not contribute toward the mathematics graduation requirement.

Academic Support

PASS (Personalized Academic Support for Students)

School(s): **Huron, Pathways, Pioneer Skyline***

Course #: **902010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms *1 Term-Skyline	0.5	General Elective	Placement/Counselor Referral	

Huron
The purpose of this class is to provide academic support to general education students who are academically unsuccessful. The class will focus on strengthening organizational/study skills, help students with the completion of assignments, prepare for tests and quizzes, and improve motivation and academic achievement through the use of strategies associated with Dr. Carol Dweck's growth mindset philosophy.

Pioneer , Pathways*, and Skyline**
There are three main goals for this class: (1) teaching and aiding in developing soft skills habits; (2) developing a culture and habit of mind that stresses success through positive habits and a growth mindset; and (3) facilitating professional interactions between students, their peers, and instructors that will eventually be utilized in advanced courses, college courses, and in the workplace. Students will get some assistance with the completion of assignments and preparation for quizzes and tests.

*At **Pathways**, this course is offered in 11th grade.
At **Skyline, this course may be repeated for credit.

PEER CONNECTIONS

School(s): **Huron, Pioneer*, Skyline****

Course #: **908040**

Grade(s): ***9, *10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	

In this course, students learn about students with disabilities and become peer mentors to a student with a disability in the school. Through the curriculum of the course, students will gain knowledge of the various disabilities and support systems available at school for students with disabilities, learn how to use different communication styles to assist in problem-solving, and develop critical thinking, writing, and collaborative problem-solving skills. Additionally, students will act as peer advocates and mentors as they work collaboratively with students with disabilities, under the supervision of a certified teacher (or an individual working under a valid substitute permit, authorization, or approval issued by the Department).

All students can benefit from this course, especially those interested in pursuing careers in the Human Services Field (counseling, social work, teaching, psychology).

***Pioneer**: Offered in grades 9-12.
****Skyline**: An option to retake the class as an independent study is possible.

Career & Technical Education Programs by Career Clusters

(course offerings may vary by school)

Business, Management & Administration

Business & Management SL IB
Business Principles & Management
Business with Personal Finance AP
Computer Applications
Entrepreneurship
Note Taking & Study Skills

Finance

Accounting I & II
Personal Finance I & II

Marketing

Advanced Marketing
Marketing Education
Marketing School Store Operations
Sports Entertainment Marketing I & II

Transportation, Distribution, & Logistics

Auto Service Technology I & II
Advanced Auto Service Technology
Know Your Auto

Architecture & Construction

Fundamentals of Construction
Homebuilding

Natural Resources and Conservation

CTE Environmental Science AP

Hospitality & Tourism

Baking & Pastry Arts
Culinary Arts & Hospitality
Nutrition and Foods
Multicultural Foods
Hospitality Management
Interior Design

Human Services

Cosmetology
Parenting - Child Development

Health Science

Advanced Health Science Technology/Clinical
Health Sciences Principles
Health Sciences Technology
Health Sciences Clinical

Information Technology

Advanced Topics in Programming Languages
Computer Science A
Computer Science Principles
Computer Science Programming
Cybersecurity I & II
Cybersecurity AP
Web Page Design I & II

Science, Technology, Engineering & Mathematics

PLTW Engineering Design
PLTW Principles of Engineering
PLTW Engineering
Robotics Engineering
4th year depends on High School

Post-secondary plans and college athletics (NCAA) should be considered when electing to use a CTE course to meet graduation requirements, as some colleges and universities have requirements.
The Michigan Merit Curriculum (MMC) legislation allows for **waivers of credit** for those students who complete a State-Approved CTE program.

This is different from the integration option in two ways:

- Students *must be completers* of the CTE program to **waive** a credit.
- A **waived credit** is a credit not earned; the academic credit does not show up anywhere in the student's record. There are two types of credit waivers for CTE program completers: waivers that require a personal curriculum and waivers that do not.
- Students will continue to earn credit through the *integration option for academic content* integrated into specified CTE classes.

The table below provides a summary of the credit that can be waived.

Credit Waived Up to:	Personal Curriculum Required	Legislation Authorization
1 Science	No	MCL 380.1278b(1)(b)
1 World Language	No	MCL 380.1278a(2)(2)
1 Social Studies	Yes	MCL 380.1278b(5)(h)
1 Health and Physical Education	Yes	MCL 380.1278b(5)(i)
1 Visual, Performing and Applied Arts (VPAA)	Yes	MCL 380.1278b(5)(j)

Integration option:

- The following table provides the courses that meet graduation requirements for high school graduation as approved by Ann Arbor Public Schools.
- In a course that is approved for more than one type of credit, credit may be granted for both if proficiencies are demonstrated.
- Additionally, there are options through Career and Technical Education (CTE) that allow students to substitute or elect CTE courses to meet graduation credit. See notes under course descriptions.

Career & Technical Education (CTE)

CTE Courses that Meet AAPS Graduation Requirements											
Course	**VPAA (.5 or 1.0)**	**ELA (.5 or 1.0)**	**Health (.5)**	**Math 4th yr. (.5 or 1.0)**	**Science**	**Social Studies (.5 or 1.0)**	**World Lang 2nd yr.**	**State-Approved Program**	**High School Location**	**CTE Courses are open to all AAPS High School Students**	**Application Needed**
Accounting I & II	VPAA 1.0 Waived	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer Skyline	Both courses must be taken for World Language or Science	No
Advanced Topics in Programming Languages	No	No	No	4th Year Math 1.0 Integrated	No	No	No	No	Community Huron Pioneer Skyline	Must be taken for a year	No
Auto Service Technology I & II (2 hour block)	VPAA 1.0 Waived	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer	Each course must be taken for a year for World Language or Science	Yes
Business Management (IB SL)	VPAA 1.0 Waived	No	No	No	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer Skyline	Must be taken for a year for World Language or Science	No
Business With Personal Finance AP	No	No	No	4th Year Math 1.0 Integrated	No	No	No	No	Pioneer Skyline	0.5 Personal Finance Credit, 0.5 4th year math credit, or 1.0 4th year Math Credit	No
Computer Science A (AP)	VPAA 1.0 Waived	No	No	4th Year Math 1.0 Integrated	No	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Community Huron Pioneer Skyline	May earn credit for each of the courses	No
Computer Science Principles (AP)	VPAA 1.0 Waived	No	No	4th Year Math 1.0 Integrated	No	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Community Huron Pioneer Skyline	May earn credit for each of the courses	No
Computer Science SL/HL Yr. 1 and Year 2	VPAA 1.0 Waived	No	No	4th Year Math 1.0 Integrated	No	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron	May earn credit for each of the courses	No
Cosmetology (2 hour block, 2 years)	VPAA 0.5 Integrated	No	No	4th Year Math 1.0 Integrated	0.5 Credit Chemistry Integrated	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Off Site at HVBA	Must be taken for a year	Yes
CTE Environmental Science AP (2 hour block)	No	No	No	No	1.0 Earth Science Integrated	Social Studies 1.0 Waived	No	Pending	Skyline	New course: 2 hour block CTE Environmental Science and AP Enviornmental Science	Yes
Culinary Arts & Hospitality	VPAA 0.5 Waived	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer	Must be taken for a year for Math, World Language or Science	Yes
Hospitality Management	VPAA 0.5 Waived	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer	Must be taken for a year for Math, World Language or Science	Yes

Career & Technical Education (CTE)

CTE Courses that Meet AAPS Graduation Requirements											
Course	**VPAA (.5 or 1.0)**	**ELA (.5 or 1.0)**	**Health (.5)**	**Math 4th yr. (.5 or 1.0)**	**Science**	**Social Studies (.5 or 1.0)**	**World Lang 2nd yr.**	**State-Approved Program**	**High School Location**	**CTE Courses are open to all AAPS High School Students**	**Application Needed**
Cybersecurity I & II	VPAA 1.0 Waived	No	No	No	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Community Huron Skyline	Both courses must be taken for World Language or Science	No
Cybersecurity AP	VPAA 1.0 Waived	No	No	No	Science 1.0 Waived	No	World Lang 1.0 Waived	Pending	Huron Skyline	Both courses must be taken for World Language or Science	No
Fundamentals of Construction	VPAA 0.5 Integrated	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Pending	Skyline	Must be taken for a year	No
Health Science Principles	VPAA 1.0 Waived	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer	Each course must be taken for a year for Math, World Language or Science	Yes
Advanced Health Science Technology & Health Science Technology (2 hour block)	VPAA 1.0 Waived	No	Health 0.5 Integrated	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer	Each course must be taken for a year for Math, World Language or Science	Yes
Homebuilding (2 hour block)	VPAA 0.5 Integrated	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Off Site	Must be taken for a year for World Language, Math or Science	Yes
Interior Design	VPAA 0.5 Integrated	No	No	4th Year Math 0.5 Integrated	No	No	No	No	Huron	.5 math credit (one term course)	No
Marketing Education (IB), Marketing 1 & 2	VPAA 1.0 Waived	ELA Credit Integrated	No	No	Science 1.0 Waived	Econ .5 Integrated/Social Studies .5 or 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pathways Pioneer Skyline	Must be taken for a year for World Language or Science or Econ & ELA credit	No
Personal Finance 1 & 2	No	No	No	4th Year Math 1.0 Integrated	No	No	No	No	All	.5 math credit per term	No
PLTW: Engineering Design (IB)	VPAA 0.5 Waived	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	No	Yes	Huron Pioneer Skyline	Must be taken for a year	No
PLTW: Principles of Engineering (IB)	VPAA 1.0 Waived	No	No	4th Year Math 1.0 Integrated	Science 1.0 Waived	Social Studies 1.0 Waived	No	Yes	Huron Pioneer Skyline	Must be taken for a year	No
PLTW: Engineering Capstone	VPAA 1.0 Waived	No	No	No	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer Skyline	Must be taken for a year for World Language or Science	No
Robotics Engineering	No	No	No	No	No	No	No	Pending	Pioneer Skyline	Must be taken for a year	No
School Store Operations	No	No	No	4th Year Math 1.0 Integrated	No	No	No	Yes	Huron Pioneer Skyline	.5 math credit per term	No
Web Page Design 1 & 2	VPAA 0.5 Integrated	No	No	No	Science 1.0 Waived	Social Studies 1.0 Waived	World Lang 1.0 Waived	Yes	Huron Pioneer Skyline	Both courses must be taken for World Language or Science	No

Business, Management & Administration Career Pathway

CTE Courses are open to all AAPS High School Students

BUSINESS AND MANAGEMENT SL IB School Location: **Huron**

Course #: **IB619100** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Year	0.5		None		YES

Business and Management SL (IB) is intended to help students develop their understanding of the fundamental concepts of Business and management. The course will cover all of the business and management related standards adopted by the State of Michigan. This course is intended for 11th and 12th grade students. The performance expectations of the course will focus on business and management practices such as; employing information management techniques and strategies to assist in decision-making, planning and time management, managing customer relationships, understanding day-to-day business activities, risk management strategies, human resources, and operational and functional aspects of management. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

Professional Certification(s): Entrepreneurship and Small Business (Certiport)

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

BUSINESS PRINCIPLES AND MANAGEMENT School Locations: **Huron, Pioneer, Skyline**

Course #: **613021** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		**YES**

This course gives you a solid foundation about what business is, and how it is managed. A variety of areas are covered including leadership and learning what it takes to be a successful manager or business owner. Students complete case studies that involve operating your own business and performing the activities necessary to make it successful. Students also use a business management simulation to develop their skills.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

Professional Certification(s): Small Business Management Through Certiport

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Career & Technical Education (CTE)

Business with Personal Finance AP

School Locations: **Pioneer, Skyline**

Course #: **613060, 613061, 613062**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5	Math Elective (.5) Personal Finance (.5)	None		

AP business with personal finance is an introductory college level business and personal finance course. Students explore the business disciplines of entrepreneurship, marketing, finance, accounting and management through real world business applications, case studies and project based learning. In addition students learned and applied all the national standards for personal finance education created by the council of economic education and the jumpstart coalition for personal finance literacy.
Students will learn a variety of strategies: how to prepare a budget; prepare income tax returns; play the stock market; evaluate investment options; personal banking and employee pay and benefits. This class has the power to change the financial course of a student's life.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

COMPUTER APPLICATIONS I IB

School Location: **Huron**

Course #: **IB614021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		None

Computer Applications I (IB) is offered to grades 9-12. It is recommended that all students include Business in their academic course choices to better prepare them for attending college and giving you an advantage in your other high school classes. Students enrolled in Computer Applications I will be introduced to Adobe Photoshop, video editing, web design, and graphic design. Students will learn some of the advanced features in Microsoft Word and PowerPoint that most don't even know exist as well as be introduced to Microsoft Excel. At the end of the semester students can enroll in the Microsoft Imagine Academy to receive their MOS Certification in Microsoft Word.

Students who plan to participate in Business Professionals of America (BPA) or DECA are highly encouraged to take Computer Applications I.

Students may be eligible to receive college credit at Washtenaw Community College through the Articulation Program. Students should contact the teacher for more information.

COMPUTER APPLICATIONS II IB

School Location: **Huron**

Course #: **IB614022**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		Computer Applications I (preferred)		YES

Computer Applications II (IB) is offered to grades 9-12. It is recommended that all students include Business in their academic course choices to better prepare them for attending college and giving you an advantage in other high school classes. Computer Applications II is a self-paced course and students will learn advanced features in Adobe Photoshop, graphic design, and video editing. Students will learn advanced features in Microsoft Excel and Access. Students can enroll in the Microsoft Imagine Academy to receive their MOS Certification in Microsoft Excel.

Students who plan to participate in Business Professionals of America (BPA) or DECA are highly encouraged to take Computer Technology II.

Professional Certification(s): Microsoft Office Certification Through Certiport

Students may be eligible to receive college credit at Washtenaw Community College through the Articulation Program. Students should contact the teacher for more information.

ENTREPRENEURSHIP

School Locations: **Huron, *Pioneer, *Skyline**

Course #: **613011**

Grade(s): **11, 12**
***9, 10, 11, 12 (Skyline & Pioneer)**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		YES

Do you have what it takes to be your own boss? This class will teach you what you need to consider and the steps necessary to start your own business and become a successful entrepreneur. You will be responsible for completing a term-long project that involves starting your own business and performing the activities necessary to make it successful. Many virtual business simulations are available. Are you considering attending a College of Business when you graduate? This course will give you an introduction to all aspects of the business world. By the end of the term, you will have a good idea of whether or not a career in business is the right choice for you. Areas covered include developing a detailed business plan, locating the finances necessary to start the business, marketing your product or service and eliminating the legal red tape.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

Professional Certification(s): Small Business Management Through Certiport

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

NOTETAKING AND STUDY SKILLS

School Location: **Huron**

Course #: **614011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		None

Want tools and strategies to help prepare yourself for college or high school? Then the note taking/study skills course is a must for you. The course emphasizes good note taking and organizational skills, listening, memorization, time management, and good test taking skills. Students strengthen their presentation skills for speech and multimedia projects. Learn keyboarding skills and increase typing speed. Students learn how to find information for research papers on the Internet by using the browser tools and learn Internet concepts and techniques through practical applications. Students also prepare for the ACT, SAT and MEAP tests.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

WORK-BASED LEARNING CTE

School Locations: **Huron, Pathways, Pioneer, Skyline**

Course #: **614091**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year (2 periods per Term)	1.0		16 years old and concurrent enrollment in, OR completion of, a State-Approved CTE Business or Finance course related to the student's job placement.		None

Earn credit and get paid. Work-Based Learning (WBL) extends student-learning opportunities beyond the school building into the workplace through supervised, part-time employment. This course serves as a laboratory experience for students enrolled in the business classes, and provides an actual paid part-time job closely supervised by the school. Students will be able to practice or observe skills learned in their class under the direct supervision of an employer.

Students may enroll in one or more semesters. Students must work a minimum of 10 hours per week. Hours of work will be after school, but students may shorten their school schedule to accommodate their job.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

WORK-BASED LEARNING

School Locations: **Huron, Pathways, Pioneer, Skyline**

Course #: **657591**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:
1 Term	0.5		16 years old

Work-Based Learning (WBL) extends student learning opportunities beyond the school building into the work place through supervised, part-time employment. This provides an actual paid part-time job closely supervised by the school. Students will be able to practice or observe under the direct supervision of an employer.

Students may enroll in one or more semesters. Students must work a minimum of 10 hours per week. Hours of work will be after school, but students may shorten their school schedule to accommodate their job.

Finance Career Pathway

CTE Courses are open to all AAPS High School Students

Accounting I
Accounting II

School Locations: **Huron, Pioneer, Skyline**

Course #: **612021**
612022

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5	Math Elective (.5)	Accounting I		YES

Accounting I. We live in a world of numbers! Whether you are planning on starting your own business, pursuing a business degree or just living in this world; accounting matters! It is the "language of business". Develop critical-thinking skills as you learn basic accounting concepts. Prepare the financial records that will be used to make managerial decisions. Accounting practices are demonstrated through the use of real world business simulations using Accounting software. This class is a must if you are considering any business career. Get a leg up in your college business classes; enroll in this course!

Accounting II. Are you ready to take the next step to financial success? This course will continue to expand on the concepts learned in Accounting I, applying those concepts to partnerships and corporations. Students will learn the "language of business"; mastering topics like accounts payables and receivables, payroll accounting, inventory management and depreciation. Real world business simulations will take students into in-depth problem solving and critical thinking exercises using Accounting software. This class provides a solid foundation for anybody interested in pursuing a business degree or for those interested in starting their own business someday. Get prepared -- take this course.

Software Used: Accounting Software and Microsoft Excel

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

Professional Certification(s): Microsoft Excel Through Certiport

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

PERSONAL FINANCE I

School Locations: **Huron, Pathways, Pioneer, Skyline**

Course #: **612012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5	Math Elective (.5) OR Personal Finance (.5)	None		None

We all would like to have more money. A secret to 'more' is learning to budget and save what we have so that it goes farther. This course offers students the opportunity to practice money management and investment strategies where mistakes will not cost them real dollars. Students will learn a variety of strategies: how to prepare a budget; prepare income tax returns; play the stock market; evaluate investment options; personal banking and employee pay and benefits. This class has the power to change the financial course of a student's life. Computer skills are also stressed. Take Money Management and learn valuable lessons that will last a lifetime.

Students are eligible, upon successful completion of this program, to substitute this course for the following graduation credits:
1 credit of Math (if taken with Personal Finance II)

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credit towards the prestigious High School MBA Award at Pioneer.

PERSONAL FINANCE II

School Locations: **Huron, Pathways, Pioneer, Skyline**

Course #: **612013**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5	Math Elective (.5) OR Personal Finance (.5)	Personal Finance I		None

Money will not buy happiness, but it sure doesn't hurt. This class will help you avoid the financial stress that plagues many adults. Topics covered include: how to effectively use credit cards; understanding your credit score; and the importance and benefits of insurance. Students will learn personal decision-making skills such as purchasing a car, renting an apartment, obtaining a mortgage for a home, paying for college and budgeting for major life events. They will be able to put their financial skills to use through online simulations and projects. This is a hands-on course that will give students important skills that will last a lifetime.

Students are eligible, upon successful completion of this program, to substitute this course for the following graduation credits:
1 credit of Math (if taken with Personal Finance I).

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

Marketing Career Pathway

CTE Courses are open to all AAPS High School Students

MARKETING, ADVANCED School Locations: **Huron, Pioneer, Skyline**

Course #: **613028** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	.5		Marketing Education	_	YES

This semester class is a continuation of the Marketing Education class with an emphasis on in-depth analysis of the four main components of Marketing: Product, Price, Place, and Promotion. Upon completion of this course, students will be prepared to focus on a business administration major in college. Additionally, students will become informed consumers who are able to navigate the world of business. Students will learn basic principles that lead to careers in marketing, finance, hospitality, and management. Students will be introduced to the world of marketing, including the free enterprise system. The seven core functions of marketing will be examined: Marketing Planning, Marketing - Information Management, Pricing, Product/Service Management, Promotion, Channel Management, and Selling. An additional focus throughout the course will be the development of soft skills including teamwork, oral communication, written communication, decision-making, and leadership. Students will have the opportunity to participate in DECA, a student organization that prepares emerging leaders and entrepreneurs. DECA related activities and curriculum will be used throughout the course.

This project-based course allows students to develop and demonstrate management-level marketing skills. Students will learn advanced marketing principles and will demonstrate proficiency by completing several projects throughout the year. Examples of projects include: developing employment letters, creating an advertising or public relations campaign, developing a business plan, conducting market research for a business and making suggestions for improvement and a financial analysis of an existing business.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

Professional Certification(s): Communication for Business Through Certiport

Career & Technical Education (CTE)

MARKETING EDUCATION

School Locations: **Pathways, Pioneer, *Skyline**

Course #: **613031**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year/ *2 Trimesters	0.5	English Elective or Economics	None ***At Skyline**, open ONLY to BMIT students		**YES**

This year-long business administration course is designed to prepare students for entry-level occupations in marketing, management, and entrepreneurial ventures. The class also prepares students wishing to major in business administration in college. Students who enjoy learning by doing will have fun with the numerous skits and role-plays used to teach marketing skills and concepts. This course addresses the following seven career pathways: Management & Entrepreneurship, Professional Sales & Marketing, Buying & Merchandising, Advertising & Promotion, Marketing Information Management & Research, Distribution & Logistics, and E-Marketing. The marketing curriculum incorporates multimedia lessons, class sales and promotion projects, and a hands-on virtual business retailing simulation that teaches the importance of pricing, advertising, purchasing, merchandising, and market research. Students will have the opportunity to apply their skills by working in the student operated store at Huron (The Green House) and Skyline (Sky Store).

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

Professional Certification(s): Communication for Business Through Certiport

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

MARKETING EDUCATION IB

School Location: **Huron**

Course #: **IB613031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year	0.5	English Elective or Economics	None		**YES**

This year-long business administration course is designed to prepare students for entry-level occupations in marketing, management, and entrepreneurial ventures. The class also prepares students wishing to major in business administration in college. Students who enjoy learning by doing will have fun with the numerous skits and role-plays used to teach marketing skills and concepts. This course addresses the following seven career pathways: Management & Entrepreneurship, Professional Sales & Marketing, Buying & Merchandising, Advertising & Promotion, Marketing Information Management & Research, Distribution & Logistics, and E-Marketing. The marketing curriculum incorporates multimedia lessons, class sales and promotion projects, and a hands-on virtual business retailing simulation that teaches the importance of pricing, advertising, purchasing, merchandising, and market research. Students will have the opportunity to apply their skills by working in the student operated store at Huron (The Green House).

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

Professional Certification(s): Communication for Business Through Certiport

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

MARKETING SCHOOL STORE OPERATIONS

School Locations: **Huron, Pioneer, Skyline**

Course #: **613032, 613033, 613034**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5	Math Elective (0.5)	Marketing or teacher approval		None

This course focuses on the skills learned in Marketing. Students will gain hands-on experience in selling, promoting, advertising, servicing, merchandising and displaying by completely running and managing the school store. Each student will be given the opportunity to manage the store as a cashier or salesperson.

This course may be repeated for credit.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

SPORTS AND ENTERTAINMENT MARKETING I

School Locations: **Huron, Pioneer, Skyline**

Course #: **613041**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		Marketing Education		None

Are you ready to join the exciting career field of Sports and Entertainment Marketing? Would you like to take your Marketing Education experience to the next level? This is an advanced marketing course, providing students with the opportunity to apply marketing principles in the fields of Sports and Entertainment. This course is designed for students who are interested in business and marketing and want to learn the “behind the scenes” business of promoting sports, music and television. Topic areas covered in this course include a review of the basic marketing functions, target marketing and segmentation, sponsorship and endorsements, licensing, event marketing, promotions and publicity and sports marketing plans. Instructional strategies include computer/technology applications, current event research, event planning, real and/or simulated occupational experiences and projects performed using the marketing functions. Software programs include Virtual Business Sports Simulation, Concert Tour Entrepreneur, Fantasy sports Simulation - Football, Hockey, Basketball, Baseball. Explore the intriguing world of sports and entertainment from the perspective of marketing. The class gives students the necessary skills to succeed in their careers, as well as learn solid academic skills such as math, reading, and language arts.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

SPORTS AND ENTERTAINMENT MARKETING II School Location: **Pioneer**

Course #: **613042** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		Marketing Education, Sports & Entertainment Marketing I		None

This is an advanced course that will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting and/or entertainment events. The areas this course will cover include a review of basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and sports marketing plans. This course will also delve into the components of promotion plans, sponsorship proposals and the key elements needed in sports marketing plans. Computer simulations are used to apply and practice Sports and Entertainment Marketing strategies. Students taking sports marketing will have the opportunity to participate in DECA (student marketing leadership organization). DECA related activities and curriculum may be used as an approved part of all marketing classes.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

Transportation, Distribution, & Logistics Career Pathway

CTE Courses are open to all AAPS High School Students

AUTO, KNOW YOUR School Location: **Pioneer**

Course #: **651521** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		None

This course introduces the basic fundamentals of vehicle service and preventative maintenance. It is an excellent entry to further your automotive knowledge, for either a student considering a CTE automotive pathway and for all automobile owners. The content covered includes: vehicle ownership, under-hood checks, safety inspections, emergency procedures, and a basic understanding of automotive tools and service procedures. Students will have the opportunity to perform basic maintenance including: oil changes, car detailing, basic brake service, and other basic services. After completion of this course students will have a basic understanding of vehicle ownership, service requirements and safety procedures.

Career & Technical Education (CTE)

AUTO IB, KNOW YOUR

School Location: **Huron**

Course #: **IB651521**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		Teacher approval for 9th grade		None

This course introduces the basic fundamentals of vehicle service and preventative maintenance. It is an excellent entry to further your automotive knowledge, for either a student considering a CTE automotive pathway and for all automobile owners. The content covered includes: vehicle ownership, underhood checks, safety inspections, emergency procedures, and a basic understanding of automotive tools and service procedures. Students will have the opportunity to perform basic maintenance including: oil changes, car detailing, basic brake service, and other basic services. After completion of this course students will have a basic understanding of vehicle ownership, service requirements and safety procedures.

AUTO SERVICE TECHNOLOGY I

School Locations: **Huron, Pioneer**
***Open to All AAPS HS Students**

Course #: **651531**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year (2 periods per term)	0.5 or 1.0	Math Elective (0.5 or 1.0)	None		**YES**

Auto Service Technology is redesigned, exciting, and is open to juniors and seniors who are interested in learning more about automotive service and repair. Students will learn to use industry standard diagnostic equipment as they work on “live” projects with the opportunity to work on their own car.

Students develop their automotive knowledge through hands-on, project-based learning in a limited class size environment, to learn the skills they need. Come join the fun and learn skills that you will use throughout your lifetime! This two-hour course will prepare graduates for a national automotive certificate (ASE) and accelerate their college journey.

Students may be eligible to receive college credit at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Professional Certification(s): Students will take Student ASE Testing and be eligible to receive the G1 ASE certificate with completion of the course. Students may also take ASE testing A6 Electrical, A5 Brake, A4 Steering and Suspension to receive ASE certificates in those respective areas.

AUTO SERVICE TECHNOLOGY II

School Locations: **Huron, Pioneer**
***Open to All AAPS HS Students**

Course #: **651532** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year (2 periods per term)	1.0		Auto Service Technology I		YES

During the Auto Service Tech II class students will repair automotive electrical lighting instrumentation, convenience and accessory systems with the focus on advanced tools and techniques used to diagnose electrical and electronic systems found in today's modern automobiles, apply proper techniques in performing 4-wheel alignments using Hunter Alignment machine as well as replacing major suspension and steering components. Hands-on, project-based lab learning.

Students may be eligible to receive college credit at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Professional Certification(s): ASE testing will be available for completers of this course. Students will take Student ASE Testing and be eligible to receive the G1 ASE certificate with completion of the course (if they do not currently hold the G1 certificate). Students may also take ASE testing A6 Electrical, A5 Brake, A4 Steering and Suspension to receive ASE certificates in those respective areas.

AUTO SERVICE TECHNOLOGY, ADVANCED

School Location: **Huron**
***Open to All AAPS HS Students**

Course #: **651533** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year	0.5		Auto Service Technology I		YES

This course is open to students who have completed the first year of Auto Service Technology I. During this course students continue their auto service diagnostic and repair skills learned in Auto Service Technology I. Students will focus on the repair of automobiles during live lab work experiences. Students will be using the Hunter alignment rack and other advanced training equipment to diagnose, maintain, and repair automobile, marine or small engines. All learning is hands-on, project-based learning.

Students may be eligible to receive college credit at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Professional Certification(s): ASE testing will be available for completers of this course. Students will take Student ASE Testing and be eligible to receive the G1 ASE certificate with completion of the course (if they do not currently hold the G1 certificate). Students may also take ASE testing A6 Electrical, A5 Brake, A4 Steering and Suspension to receive ASE certificates in those respective areas.

Architecture and Construction Career Pathway

CTE Courses are open to all AAPS High School Students

FUNDAMENTALS OF CONSTRUCTION

School Locations: **Skyline**
***Open to All AAPS HS Students**

Course #: **653512** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year	0.5	Math Elective (1.0) or VPAA: Art (.5)	None		YES

This program is designed especially for those students who are interested in the architecture, engineering and design as well as the construction trades industries. Students are involved in the complete construction of a residential house. Emphasis is placed on the development of teamwork to complete the project. Skills students will develop include masonry, frame carpentry, plumbing, electrical wiring, installation of heating and air conditioning equipment, blueprint reading, flooring installation, painting, trim carpentry and employability skills.

Students enrolling are expected to participate all year. Transportation is provided.

Professional Certification(s): OSHA 10 testing will be available for completers of this course. Students will take OSHA 10 Testing and be eligible to receive the certificate with completion of the course (if they do not currently hold the OSHA 10 Certificate).

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

HOMEBUILDING

School Locations: **Offsite Location**
***Open to All AAPS HS Students**

Course #: **653510** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year (3 periods per term)	1.5	Math Elective (1.0) VPAA: Art (.5)	Application & Interview		YES

This program is designed especially for those students who are interested in the architecture, engineering and design as well as the construction trades industries. Students are involved in the complete construction of a residential house. Emphasis is placed on the development of teamwork to complete the project. Skills students will develop include masonry, frame carpentry, plumbing, electrical wiring, installation of heating and air conditioning equipment, blueprint reading, flooring installation, painting, trim carpentry and employability skills.

Application process is required.

Classroom hours also fulfill state requirements toward building licensure.

Students spend three hours per day on the program. Students enrolling are expected to participate all year. Transportation is provided.

This course may be repeated based on teacher recommendation.

Professional Certification(s): Students in their first year of the program will take OSHA 10 Testing and be eligible to receive the certificate with completion of the course. Students in their second year of the program will take OSHA 30 Testing and be eligible to receive the certificate with completion of the course.

If first year students currently hold the OSHA 10 Certificate, they will be eligible for the OSHA 30 Testing.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Natural Resources and Conservation

CTE ENVIRONMENTAL SCIENCE AP
(Agriculture Science and Natural Resources)

School Locations: **Skyline**
***Open to All AAPS HS Students**

Course #: **615100, 615101, 615102, 615103**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year 2 periods per day	1.0 (Env Science) 1.0 (CTE)	Earth Science	Biology	APPROVED	

CTE Environmental Science, AP with Agriculture Science and Natural Resources course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. CTE Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Students will gain workforce-ready skills that prepare them for careers in Sustainable Environmental Science , an ever-expanding field where experienced workers are urgently needed.

The following themes provide a foundation for the structure of the CTE AP Environmental Science course: science process and practices, energy conversions in ecological processes, the interconnected Earth system, human alteration of natural systems, social and cultural context for environmental problems and the development of sustainable systems.

Units of study may include: Sustainable Arboring, Ecosystem Structure and Plant Communities, Pest Management, Energy Use, Soil Science, Fire and Burning, GIS Mapping & Habitat Restoration, Pollinators & Biodiversity, Climate Change & Reconciliation Ecology

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

Students will work towards certifications in: Fertilizer, Non-chemical pest control and Herbicides, prescribed burning, habitat restoration, GIS mapping, and sustainable landscapes

Hospitality & Tourism Career Pathway

CTE Courses are open to all AAPS High School Students

BAKING AND PASTRY ARTS

School Location: **Pioneer**
***Open to All AAPS HS Students**

Course #: **654037**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year	0.5 per term		Culinary Arts & Hospitality		YES

This course is an advanced course designed to educate students in the art of Baking and Pastry Arts. Students will learn the basics of mixing, shaping and baking for several baked goods including quick breads, cakes, pastry doughs, mousses, sauces, glazes, cookies, cookies, confections. Plated desserts, international baked foods and decorated cakes are highlighted. In addition, students will be introduced to decorating techniques.

Students will learn in a well-equipped, modern kitchen and also prepare food for school functions and community service events. This course includes classroom instruction and practical lab work in a commercial kitchen.

Professional Certification(s): ServSafe® - Food Handler and or Manager testing will be available for completers of this course based on instructor review and student progress in the course.

Career & Technical Education (CTE)

CULINARY ARTS AND HOSPITALITY

School Locations: **Huron, Pioneer**
***Open to All AAPS HS Students**

Course #: **654035**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Year (2 periods per term)	1.0 per term	Math Elective (1.0) or VPAA: Art (.5)	Foods & Nutrition OR Multicultural Foods		YES

This culinary course is designed for students who are looking towards a career in the culinary or hospitality field. Students will develop skills to make them marketable in the culinary/hospitality industry whether they choose this as a career or an opportunity for high-demand jobs in the Ann Arbor community. A hands-on, project-based course, where students will learn to work in teams to prepare and serve culinary delights. Students will learn knife skills, food safety, and professional food preparation. Students are encouraged to participate in school-related catering events and state and local competitions highlighting their culinary skills.

Students enrolling are expected to participate all year.

Professional Certification(s): ServSafe® - Food Handler and or Manager testing will be available for completers of this course based on instructor review and student progress in the course.

Students may be eligible to receive college credit for successful completion of this course at Oakland Community College through the Articulation program. Students should contact their teacher for more information.

FOODS, NUTRITION AND

School Locations: **Pioneer**

Course #: **654011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		None

This course is designed to provide students with skills necessary to apply proper nutrition to meal planning and preparation. Students also have opportunities to participate in various laboratory experiences. These experiences focus on creative and nutritious food choices. Yes, you get to eat everything you make! During this course we will cover the following topics and areas of study: nutrition and its relationship to food preparation and health, food safety and kitchen sanitation, kitchen math, social, cultural and media influences on our food choices, trends in eating patterns and disorders, table manners, and exploration of job and career opportunities.

FOODS, NUTRITION AND IB

School Location: **Huron**

Course #: **IB654011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		None

This course is designed to provide students with skills necessary to apply proper nutrition to meal planning and preparation. Students also have opportunities to participate in various laboratory experiences. These experiences focus on creative and nutritious food choices. Yes, you get to eat everything you make! During this course we will cover the following topics and areas of study: nutrition and its relationship to food preparation and health, food safety and kitchen sanitation, kitchen math, social, cultural and media influences on our food choices, trends in eating patterns and disorders, table manners, and exploration of job and career opportunities.

FOODS, MULTICULTURAL

School Locations: **Huron, Pioneer**

Course #: **654021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		None

This course is designed to emphasize students' understanding of the different characteristics of foods from different cultures, regions and countries. Students will explore social factors that might influence their eating habits. We will research regional cuisines, select recipes and prepare foods from around the world. Additional topics include safety and sanitation, kitchen math, nutrition and vegetarianism.

HOSPITALITY MANAGEMENT

School Location: **Huron**
***Open to All AAPS HS Students**

Course #: **654035**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Year (2 periods per term)	1.0 per term	Math Elective (1.0) Or VPAA: Art (.5)	None		**YES**

This course will focus on the major components in the rapidly growing Hospitality industry. The primary areas of focus will include Culinary Arts, Lodging and Travel/Tourism. This hands-on focus will blend a classroom environment with the support of the community which will include both field trips in the local community and subject-related expert presentations. Students will learn the importance of skills in communication, problem solving and techniques to handle what it takes to make it in today's Hospitality industry. Students will also be exposed to the production side of hospitality by catering different school activities/events. Students are encouraged to participate in student competitions.

Students enrolling are expected to participate all year.

Professional Certification(s): ServSafe® - Food Handler and or Manager testing will be available for completers of this course based on instructor review and student progress in the course.

Students may be eligible to receive college credit for successful completion of this course at Oakland Community College through the Articulation program. Students should contact their teacher for more information.

INTERIOR DESIGN

School Location: **Huron**

Course #: **654041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5	VPAA: Art (.5)	None		None

This course is an interesting and challenging course that allows you an opportunity to explore some possible career avenues and develop skills that you can apply throughout life. During this course we will cover the following topics and areas of study: the need for housing, careers in housing and interiors, choosing where to live, renting versus buying, understanding construction, interior and exterior design, landscaping, architectural design, reading and creating layout designs, furniture arrangement, materials, and exploration of job and career opportunities in the design industry.

Human Services Career Pathway

CTE Courses are open to all AAPS High School Students

COSMETOLOGY

School Locations: **Offsite Location**
***Open to All AAPS HS Students**

Course #: **655510**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Years (3 periods per term)	1.50	Science Elective (1.0) VPAA: Art (.5) Yr 4 Math Credit	Application & Interview		YES

The Cosmetology program offered through the public schools prepares a student for employment in one of our nations' largest personal service industries. Students must enroll in the course for two school years plus summer sessions. The Cosmetology program prepares a student with the entry-level skills needed for employment in the beauty trades. Class work includes all skills required in the professional care, safety, and sanitation of hair, nails and skin.
This program is open only to those eligible students who have made a serious commitment to become professional cosmetologists.

The off-site program is offered at Huron Valley Beauty Academy. Transportation is provided.

Professional Certification(s): Upon completion of the 1500 hours combined theory and clinical instruction, the student will be qualified to take the State Board of Cosmetology exam.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

PARENTING - CHILD DEVELOPMENT

School Location: **Huron**

Course #: **654051**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5		None		None

In this course, students gain an understanding of the development and care of children from infancy through young adulthood. Consideration is given to parenting skills, discipline, and guidance that will promote the development of a happy and secure individual. Areas of study include: parenting choices, heredity and human reproduction, pregnancy and prenatal care, birth and care of a newborn. Students will study physical, intellectual, emotional and social development of children, children's activities, effective parenting skills, and community resources and services for children and family crises. Students interested in education, medicine, psychology or other child-related careers will benefit from this class. This course is valuable to both male and female students for developing effective parenting skills. Students will practice with baby simulators.

Health Science Career Pathway

CTE Courses are open to all AAPS High School Students

ADVANCED HEALTH SCIENCES TECHNOLOGY (Semester 1)
ADVANCED HEALTH SCIENCES CLINICAL (Semester 2)

School Locations: **Huron, Pioneer**
***Open to All AAPS HS Students**

Course #: **651015**
651025

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year 2 periods per term	1.0	Health .5 Science Elective .5	Health Science Principles		YES

Advanced Health Sciences Technology is designed for 12th grade students interested in health careers at the professional level. The program is open to all Ann Arbor High School students who have successfully completed the Health Science Principles course. The course places emphasis on training for a medical certification (CCMA or CPCTA) which will prepare students for the workforce.

Areas of study include anatomy and physiology, disease process, medical ethics, patient rights, medical terminology, advancement and trends in health care, and career exploration in preparation to sit for an exam leading to certification in either CCMA or CPCT (students choice). During 2nd semester, students shadow health care professionals in hospitals, clinics, long-term care facilities and therapy centers.

Professional Certification(s): Professional Certification(s): First Aid & CPR testing will be available for completers of this course. Students will take First Aid & CPR Testing and be eligible to receive the certificate with completion of the course (if they do not currently hold the First Aid & CPR)
Students will select the certification they wish to pursue (Certified Clinical Medical Assistant) or PCT (Patient Care Technician)and course work will focus on that certification.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

HEALTH SCIENCE PRINCIPLES

School Locations: **Huron, Pioneer**
***Open to All AAPS HS Students**

Course #: **651012**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year	1.0	Science Elective	Application process		YES

Health Sciences Principles is designed for 11th or 12th grade students interested in health careers at the professional level. The program is open to all Ann Arbor High School students. The course places emphasis on anatomy and physiology, which will prepare students for college level coursework. Students who successfully complete this course may move on in their senior year to Advanced Health Science Technology/Clinical which offers a health related certification.

Areas of study include anatomy and physiology, disease process, medical ethics, patient rights, medical terminology, advancement and trends in health care, and career exploration. Students will receive training in CPR and First Aid, as well as develop skills in taking vital signs, patient care and safety, health education, assessment and documentation. Professionals from various health occupations will present information regarding their personal experience in medicine, nursing, dentistry, respiratory therapy, physical therapy, and more.

Professional Certification(s): First Aid & CPR testing will be available for completers of this course. Students will take First Aid & CPR Testing and be eligible to receive the certificate with completion of the course (if they do not currently hold the First Aid & CPR).

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

HEALTH SCIENCES TECHNOLOGY (Semester 1)
HEALTH SCIENCES CLINICAL (Semester 2)

School Locations: **Huron, Pioneer**
***Open to All AAPS HS Students**

Course #: **651010**
651020

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year 2 periods per term	1.0	Health .5 Science Elective .5	Application process		YES

Health Sciences Technology is designed for 12th grade students interested in health careers at the professional level. The program is open to all Ann Arbor High School students. The course places emphasis on anatomy and physiology, which will prepare students for college level coursework.

Areas of study include anatomy and physiology, disease process, medical ethics, patient rights, medical terminology, advancement and trends in health care, and career exploration. Students will receive Professional Rescuer certification in CPR and First Aid, as well as develop skills in taking vital signs, patient care and safety, health education, assessment and documentation. Professionals from various health occupations will present information regarding their personal experience in medicine, nursing, dentistry, respiratory therapy, physical therapy, and more. During 2nd semester, students shadow health care professionals in hospitals, clinics, long-term care facilities and therapy centers.

Professional Certification(s): Professional Certification(s): First Aid & CPR testing will be available for completers of this course. Students will take First Aid & CPR Testing and be eligible to receive the certificate with completion of the course (if they do not currently hold the First Aid & CPR).
Students may self-study and take the CCMA (Certified Clinical Medical Assistant) or PCT (Patient Care Technician) Certifications if they have completed the First Aid & CPR.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Information Technology Career Pathway

CTE Courses are open to all AAPS High School Students

ADVANCED TOPICS IN PROGRAMMING LANGUAGES

School Locations: **Community, Huron, Pioneer, Skyline**

Course #: **303040**
303041, 303042

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5		Computer Science A OR Proficiency in a Programing Language	**APPROVED**	None

The course is project based and places a heavy emphasis on student choice and individual motivation and accountability. The process for topic selection will be facilitated by the teacher and will be dependent upon available computing resources, student prior experience and interest, and other pertinent factors. This course provides the flexibility for either whole-class instructional units or individual learning modules or a combination of both. In any case, students will complete projects, write about and present their programs/research/results, receive collaborative feedback, and interact with community members where possible.

COMPUTER SCIENCE A, AP
COMPUTER SCIENCE A*

School Locations: **Community*, Huron, Pioneer, Skyline**

Course #: **303012**
614062
614047, 614048
614049, 614050
303014, 303015

Grade(s): **9**, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5	Math Elective	Computer Science Principles Or Prior experience in a programming	**APPROVED**	**YES**

This course is meant to build upon the skills developed in the Computer Science Principles course. Using primarily the Java programming language as tested by the College Board on the Advanced Placement Test, students will experience a rigorous exploration of the theory and associated techniques of object-oriented computer programming. Topics will include: 1) The history and development of the object-oriented approach to computer software engineering; 2) How to utilize the object-oriented aspects of a programming language to achieve its full potential as a programming tool; 3) Conditional, looping, arrays, sorting and searching, recursion, and algorithm complexity are covered; 4) Future developments in object-oriented programming languages and computer programming in general. Other languages and environments may be included as well. Significant out-of-class programming time should be expected.

****9th Graders must have teacher approval**

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

Per College Board policy, the course designation of “AP” will not appear on middle school transcripts.

Professional Certification(s): Information Technology Specialist - Java | Certiport

COMPUTER SCIENCE PRINCIPLES
COMPUTER SCIENCE PRINCIPLES, AP

School Locations: **Community, Huron, Pioneer, Skyline**

Course #: **614040**
614043, 604044
614063
614049, 614050

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 terms	0.5	Math Elective	Successful completion of Algebra I	**APPROVED**	**YES**

This course introduces the student to the essential ideas of computer science and shows how computing and technology can influence the world around them. The student can pursue interests in digital projects -- like apps, films, games, or music -- that showcase creativity, and use creations to make a difference in your community. The course is designed to be equivalent to a first semester introductory elective college computing course.

Utilizing the concept of computational thinking as a unifying theme, topics covered in this class are the 'Five Big Ideas' of Computer Science and include: Creative Development, Data, Algorithms & Programming, Computer Systems & Networks, Impact of Computing. Approximately 50% of the course will be learning to program in programming languages such as JavaScript, Python, etc.

Professional Certification(s): Information Technology Specialist - Python | Certiport & or Networking | Certiport

COMPUTER SCIENCE SL/HL YR1 IB
COMPUTER SCIENCE SL YR2 IB
COMPUTER SCIENCE HL YR2 IB

School Location: **Huron**

Course #: **IB309400, IB309401, IB309402**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year each	0.5	Math Elective	Successful completion of Algebra I	**APPROVED**	None

Computational thinking - the ability to think procedurally, logically, concurrently, abstractly, recursively and think ahead - is woven throughout both courses. The courses utilize an experimental and inquiry-based approach to problem-solving where students develop computational solutions to problems by developing algorithms (and express them clearly) and appreciate how theoretical and practical limitations affect the extent to which problems can be solved computationally. The abilities of identifying a problem (or unanswered question), design, prototype and test a proposed solution and ultimately liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments are also developed throughout the course as part of the design cycleThis course satisfies the Group 4: Sciences requirement for Full IB Diploma students

Computer Science SL/HL Yr1 (Grade 11)

Computer Science SL/HL Yr1 is the first year of a two-year course that encourages the exploration of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. IBCS is engaging, accessible, inspiring and rigorous. It has the following characteristics. As part of the course, students will be enabled and empowered to develop innovation, exploration and the acquisition of further knowledge. The curriculum will present opportunities to explore and discuss how technology interacts and influences cultures, societies both at the collective and individual level.

Computer Science SL/HL Yr2 (Grade 12)

Computer Science SL Yr2 (IB) is the second year of a two-year course. The course encourages the exploration of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. IBCS is engaging, accessible, inspiring and rigorous. It has the following characteristics. As part of the course, students will be enabled and empowered to develop innovation, exploration and the acquisition of further knowledge. The curriculum will present opportunities to explore and discuss how technology interacts and influences cultures, societies both at the collective and individual level.

CYBERSECURITY I
CYBERSECURITY II

School Locations: **Community, Huron, Pioneer, Skyline**

Course #: **614055**
614056

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5		none	APPROVED	YES

Students will develop skills for entry-level networking and cybersecurity positions. They will learn and become proficient in skills related to information and systems security, network security, ethics and laws, and defense/mitigation techniques used in protecting individuals and businesses from cyber threats. The opportunity to test for an industry certification will be offered to students completing the course.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Professional Certification(s): Information Technology Specialist - Cybersecurity | Certiport

CYBERSECURITY AP

School Locations: **Huron, Pioneer, Skyline**

Course #: **614070, 614071, 614072**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5		none	APPROVED	YES

Students will develop skills for entry-level networking and cybersecurity positions. They will learn and become proficient in skills related to information and systems security, network security, ethics and laws, and defense/mitigation techniques used in protecting individuals and businesses from cyber threats. The opportunity to test for an industry certification will be offered to students completing the course.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Professional Certification(s): Information Technology Specialist - Cybersecurity | Certiport

WEB PAGE DESIGN I

School Locations: **Pathways, Pioneer, Skyline**

Course #: **611021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5	VPAA: Art (.5)	None		None

Web pages have become important to our daily lives! Learn how to create these pages which may include the following software packages: Adobe Dreamweaver suite and Notepad. Discover the mysterious HTML tags, content development and multimedia elements, the adding of dynamic effects such as banners, animation, automatic date and layers that make publishing on the Internet possible! Topics covered include: HyperText Markup Language (HTML) including advanced HTML features such as frames, tables, forms and checkboxes; gif and jpeg files; animated cartoons; scanner and digital camera projects to include in your personal web pages.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

WEB PAGE DESIGN I IB

School Location: **Huron**

Course #: **IB611021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5	VPAA: Art (.5)	None		None

Web pages have become important to our daily lives! Learn how to create these pages which may include the following software packages: Adobe Dreamweaver suite and Notepad. Discover the mysterious HTML tags, content development and multimedia elements, the adding of dynamic effects such as banners, animation, automatic date and layers that make publishing on the Internet possible! Topics covered include: HyperText Markup Language (HTML) including advanced HTML features such as frames, tables, forms and checkboxes; gif and jpeg files; animated cartoons; scanner and digital camera projects to include in your personal web pages.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

WEB PAGE DESIGN II

School Locations: **Pathways, Pioneer*, Skyline***

Course #: **611022**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5	VPAA: Art (.5)	Web Page Design I		YES

Continue your web page design experience by planning and designing web pages that include all the bells and whistles! Plan and design dynamic web pages that include animated symbols/buttons and layers. Flash: create your own movie streams and animations; and add sound to your web pages. Fireworks: Create sophisticated buttons/JavaScript buttons/advanced rollovers; create hotspots and image maps; create slicing images; apply live effects; and create and export animations.

***Pioneer & Skyline:**
An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

Professional Certification(s): HTML and CSS Through Certiport

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

WEB PAGE DESIGN II IB

School Location: **Huron**

Course #: **IB611022**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
1 Term	0.5	VPAA: Art (.5)	Web Page Design I		YES

Continue your web page design experience by planning and designing web pages that include all the bells and whistles! In this self-paced course you will plan and design dynamic web pages that include animated symbols/buttons and layers. Flash: create your own movie streams and animations; and add sound to your web pages. Fireworks: Create sophisticated buttons/JavaScript buttons/advanced rollovers; create hotspots and image maps; create slicing images; apply live effects; and create and export animations.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA). Students completing the program may receive credits towards the prestigious High School MBA Award at Pioneer.

Professional Certification(s): HTML and CSS Through Certiport

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Science, Technology, Engineering & Mathematics Career Pathway

CTE Courses are open to all AAPS High School Students

ENGINEERING DESIGN

Project Lead The Way

School Locations: **Community, Pathways, Pioneer, Skyline**

Course #: **671011**
671012, 671013

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5	VPAA (0.5 per term) or 4th MATH (0.5 per term)	None		None

This course uses problem-solving skills to explore creative designs and alternative solutions for problems facing our world today by using a design system approach. Students will design, analyze, and communicate possible solutions to a variety of environmental and technological problems. 3-dimensional models will be created using solid modeling computer design software. Possible tools include laser engraving and rapid prototyping.

This course may be taken as an elective by all students. College credit may be articulated with the National Affiliate/PLTW Exemplary Student Recognition program.

*Offered as CTE elective sequence of Engineering & Design courses.

ENGINEERING DESIGN IB

Project Lead The Way

School Location: **Huron**

Course #: **IB671011**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year	0.5		None		None

Engineering Design (IB) students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

ENGINEERING, PRINCIPLES OF

Project Lead The Way

School Locations: **Community, Pathways, Pioneer, Skyline**

Course #: **671021**
671027, 671028

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5	4th Math (0.5 per term)	Engineering Design		None

This course provides an overview of the field of engineering and engineering technology. By exploring various technology systems and manufacturing processes, students learn how the engineering problem-solving process uses math, science and technology to benefit society. A product's entire life cycle will be analyzed to help address concerns about its environmental, social, and political consequences. Possible areas of interest include alternative energy, waste management, transportation, aerodynamics, material analysis, and construction.

This course may be taken as an elective by all students. College credit may be articulated with the National Affiliate/PLTW Exemplary Student Recognition program.

*Offered as CTE elective sequence of Engineering & Design courses.

ENGINEERING, PRINCIPLES OF IB

Project Lead The Way

School Location: **Huron**

Course #: **IB671021**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5		Engineering Design		None

This course provides an overview of the field of engineering and engineering technology. By exploring various technology systems and manufacturing processes, students learn how the engineering problem-solving process uses math, science and technology to benefit society. A product's entire life cycle will be analyzed to help address concerns about its environmental, social, and political consequences. Possible areas of interest include alternative energy, waste management, transportation, aerodynamics, material analysis, and construction.

This course may be taken as an elective by all students. College credit may be articulated with the National Affiliate/PLTW Exemplary Student Recognition program.

ENGINEERING CAPSTONE

Project Lead The Way

School Locations: **Huron, Pioneer, Skyline**

Course #: **671041**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
Year	0.5		Engineering Design; Engineering, Principles of		None

Students work in teams to identify, research, design and construct a solution to an open-ended engineering problem, with its environmental impact in mind. Students apply principles developed in the three preceding courses and are guided by a community mentor. Teams present progress reports, submit a final written report, and defend their solutions to a panel of outside reviewers at the end of the school year.

Robotics Engineering School Locations: **Pioneer, Skyline**

Course #: 614080, 614081, 614082 Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5		Engineering Design or Comp Sci Principles		None

In this course, students will develop and expand their skills and knowledge of robotics systems for both advanced manufacturing and FIRST competition robotics. Students will use existing robots to learn how robots are used in a manufacturing and production capacity. They will also design, fabricate, and use their own robots.

The course will combine robotics for manufacturing with FIRST competition robotics.

*Offered as CTE elective sequence of Engineering & Design courses.

English Language Arts

English and English Elective courses are aligned to the Michigan Standards for English Language Arts (ELA). Students experience texts and ideas as a community of learners to hone small- and large-group interpersonal communication skills in reading, writing, speaking, listening, and language. All courses require completion of sixth, seventh, and eighth grade middle school ELA courses.

Typical English Language Arts Offerings by Grade Level

(course offerings may vary by school)

GRADE 9

*** English 9** or **English 9 IB**

**** English Learning (EL) I, II, II**

***** Introduction to Literature**

- Acting I & II
- Argumentation
- Composition
- Digital Media Production I & II
- English Plus
- Academic Literacy
- Journalism I & Journalism, Advanced
- Literature, Women's I
- Speech & Communication
- Writing, Creative Poetry & Prose I & II
- Writing for Publication, Yearbook
- Writing for Publication Newspaper IB
- Screenwriting
- Theatre I

GRADE 10

*** English 10** or **English 10 IB**

**** English Learning (EL) I, II, II**

- Acting I & II
- Argumentation
- Composition
- Digital Media Production I & II
- English Plus
- Academic Literacy
- Humanities, African American English AC (Huron)
- Journalism I & Journalism, Advanced
- Literature, Women's I
- Speech & Communication
- Writing, Creative Poetry & Prose I & II
- Writing for Publication, Yearbook
- Writing for Publication Newspaper IB
- Screenwriting
- Theatre I & II

GRADE 11

- Acting I & II
- Argumentation
- Composition
- Digital Media Production I & II
- English 11
- English Learning (EL) I, II & III
- English Language and Composition, AP
- Journalism I & Journalism, Advanced
- Literature, African-American
- Literature, American
- Literature, Contemporary World
- Literature, Film I & II
- Literature, Graphic Novels
- Literature, Hip Hop Movement
- Literature, Modern Readings
- Literature, Short Readings
- Literature, Shakespeare
- Literature, Twentieth Century
- Literature, Women's I
- Speech & Communication
- Theater I & II
- Writing, Creative Poetry & Prose I & II
- Writing for Publication: Newspaper IB & Yearbook
- Screenwriting

GRADE 12

- Acting I & II
- Argumentation
- Composition
- Digital Media Production I & II
- English 12
- English Learning (EL) I, II & III
- English Literature and Composition, AP
- Humanities, Literature AC
- Journalism I & Journalism, Advanced
- Literature, African-American
- Literature, American
- Literature, Contemporary World
- Literature, Film I & II
- Literature, Graphic Novels
- Literature, Hip Hop Movement
- Literature, Modern Readings
- Literature, Short Readings
- Literature, Twentieth Century
- Literature, Women's I
- Screenwriting
- Speech & Communication
- Theater I & II
- Writing, Creative Poetry & Prose I & II
- Writing for Publication: Newspaper IB & Yearbook

GRADE 11 & 12 - IB

- Film SL/HL - **IB** (2-year course)
- Language & Literature HL - **IB** (2-year course)
- Literature HL - **IB** (2-year course

* Required for graduation

** English Plus and EL meet English 9 and English 10 graduation requirement

*** Introduction to Literature replaces the English 9 and English 10 graduation requirement at Community & Pathways

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

English Language Arts

ACADEMIC LITERACY

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **103014**
103018, 103019, 103020

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective*	Literacy intervention criteria and teacher recommendation	

Students in Academic Literacy must be co-seated in a core English course, English 9 or English 10. The emphasis of the Academic Literacy course will be on developing foundational literacy skills. Teachers will use the evidence-based Adolescent Accelerated Reading Initiative (AARI) framework which focuses on critical thinking in informational text to help students access content from texts.

AARI emphasizes small group instruction that meets students where they are and accelerates their reading through instruction built around:

- Community
- Text-Based Inferencing and Critical Thinking
- Question Answer Relationship (QAR) and Questioning the Author (QtA)
- Text Structure

AARI seeks to support students in building more positive reader identities that empower them in all aspects of their lives.

*If a student has not passed co-seated English 9 or English 10 course, Academic Literacy can count toward English 9 or English 10 credit to keep students on track for graduation.

ACTING I

School(s): **Community,-Pathways, Pioneer, Skyline**

Course #: **106011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA or English Elective	Theater I (at Skyline)	

Acting I is an introductory course in the fundamentals of stage acting. Through games, activities, exercises and performances that include but are not limited to storytelling, scenes and monologues, students gain confidence in presenting themselves before an audience, develop their skills in focus, concentration, movement, and vocal delivery. In a safe and positive environment students build together, they have the opportunity to take risks and reflect upon themselves and their experiences with the goal of expressing emotion and thought on stage in a believable and fulfilling way. Students engage in critical, thoughtful discussions, language study, and various forms of writing.

This course is aligned to the Michigan Standards in VPAA and ELA.

English Language Arts

ACTING II

School(s): **Community, Pathways, Pioneer*, Skyline**

Course #: **106012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA or English Elective	Acting I or Theater I (at Skyline)	

Successful completion of Acting I is a prerequisite, but this can be waived with teacher permission. Acting II builds upon the skills of Acting I but is more focused on performance of monologues, scenes, and one act plays. Performances are attended by invited audiences and guests, including a performing arts festival. The class also takes field trips to a professional theater performance. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing. Acting II is the ideal course for students who have a desire to act in "straight theater" (as opposed to musical theater) and are seeking opportunities to develop their skills.

This course is aligned to the Michigan standards in VPAA and ELA.

***Pioneer:** students may repeat this course.

ARGUMENTATION

School(s): **Pioneer**

Course #: **106031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	

Students study persuasive public speaking and debate. Students research, outline, present and support logical arguments in a debate setting. Students study speech organization, persuasion strategies and delivery techniques. They evaluate content and delivery of speeches. Students gain experience defending their arguments when questioned by their "opponents'' and class by using evidence, critical thinking, and listening skills. Students participate in various public speaking assignments ending with a formal team debate.

COMPOSITION, WRITING

School(s): **Community, Pathways**

Course #: **103011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	**APPROVED**

Composition focuses on the development of expository writing skills. Coursework includes concentration on sentence variation, paragraph development, and essay organization. Students progress from free writing to the finished essay. Students build skills by analyzing model essays, attending to genre, audience and purpose, writing daily, and self assessment. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

DIGITAL MEDIA PRODUCTION I

School(s): **Huron, Pioneer**

Course #: **106041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	

Students learn about media production by writing, directing, reading, hosting, and crewing various podcasts and videos. They learn to understand these media regarding their role, scope, practices, and techniques as providers of news, information, education, entertainment, and sports. Moreover, students develop both visual and media literacy (i.e., they learn criteria by which they can evaluate what they hear and view regarding its value relative to its purpose).

English Language Arts

DIGITAL MEDIA PRODUCTION II

School(s): **Huron, Pioneer**

Course #: **106042**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Digital Media Production I	

Students write, direct, edit, and produce various podcasts and videos on a larger scale, while learning more advanced production and filmmaking techniques and skills. In addition to an emphasis on digital media as an art form, students will understand these media regarding their role, scope, practices, and techniques as providers of news, information, education, entertainment, and sports. Moreover, students develop both visual and media literacy (i.e., they learn criteria by which they can evaluate what they hear and view regarding its value relative to its purpose).

ENGLISH 9

School(s): **Pathways, Pioneer, Skyline**

Course #: **102011**
102013, 102014

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English 9	None	**APPROVED**

English 9 students read literature and nonfiction texts; analyze texts through close reading and application of critical perspectives; write creatively and analytically; develop speaking and listening skills; and study how language functions in different contexts. English 9 builds students' ability to analyze bias, author's intent, and literary devices; make claims supported with textual evidence; identify and address counter arguments; and learn to use an authoritative tone; develop small group oral communication skills using a process approach.

This course is the first half of a two-year sequence to be completed in English 10.

ENGLISH 9 IB

School(s): **Huron**

Course #: **IB102011**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English 9	None	**APPROVED**

English 9 (IB) students read literature and nonfiction texts; analyze texts through close reading and application of critical perspectives; write creatively and analytically; develop speaking and listening skills; and study how language functions in different contexts. English 9 builds students' ability to analyze bias, author's intent, and literary devices; to make claims supported with textual evidence; identify and address counterarguments; to learn to use an authoritative tone; and to develop small group oral communication skills using a process approach. The International Baccalaureate MYP framework emphasizes a global and inquiry-based approach toward learning.

ENGLISH 10

School(s): **Pathways, Pioneer, Skyline**

Course #: **102021**
102019, 102020

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English 10	Second half of a two-year sequence begun in English 9	**APPROVED**

English 10 students read literature and nonfiction texts; analyze texts through close reading and application of critical perspectives; write creatively and analytically; develop oral communication skills for small and large groups; and study the history of English language. Students continue to increase their literary analysis skills by studying a variety of authors and works as they analyze multiple perspectives and a variety of literary devices, support their claims with evidence from more than one source, and make formal written and oral presentations with attention to their audience.

This course is the second half of a two-year sequence begun in English 9.

English Language Arts

ENGLISH 10 IB School(s): **Huron**

Course #: **IB102021** Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English 10	English 9	**APPROVED**

English 10 (IB) is an inquiry-based collaborative where all students will develop into globally-minded listeners, speakers, readers, and writers. Students will read literature and nonfiction texts, analyze texts through close reading and application of critical perspectives; write creatively and analytically; develop oral communication skills for small and large groups; and study the history of English language. Students continue to increase their literary analysis skills by studying a variety of authors and works as they analyze multiple perspectives and a variety of literary devices, support their claims with evidence from more than one source, and make formal written and oral presentations with attention to their audience. The International Baccalaureate MYP framework emphasizes a global and inquiry-based approach toward learning.

ENGLISH 11 (A)
ENGLISH 11 (B)

School(s): **Pathways, Skyline**

Course #: **102028**
102029

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English Elective	None	**APPROVED**

Through a mix of assigned and choice reading, English 11 students read literature and nonfiction texts, analyze rhetorical strategies authors employ; synthesize multiple sources of information to create cohesion as they write creatively, analytically, and for presentations; adjust language to advance the purpose of their writing. While working together in whole class and small-group contexts (e.g., literature circles and book clubs), students explore literature and language through social, cultural, historical and economic perspectives.

ENGLISH 12 (A)
ENGLISH 12 (B)

School(s): **Pathways, Skyline**

Course #: **102038**
102039

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English Elective	None	**APPROVED**

English 12 is a course designed to be responsive to the postsecondary interests and needs of students. Through authentic, choice-based learning experiences, students engage in projects using reading, writing, speaking, and listening that help them build the necessary literacy skills for success after graduation, form their unique path to purpose, and connect the learning in the classroom to the community outside of it.

English Language Arts

ENGLISH LANGUAGE AND COMPOSITION AP (11)

School(s): **Huron, Pioneer, Skyline**

Course #: **102032**
Skyline: 102035, 102036, 102037

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Trimesters (Skyline)	0.5	English Elective	English 10	**APPROVED**

Students engage in a rigorous study of English composition and literature. Students strengthen the effectiveness of their writing through close reading and frequent practice at applying rhetorical strategies, analyzing information from source texts, and writing arguments. Students become critical readers of nonfiction and fiction works from various authors and time periods.

This course has preparation for the Advanced Placement examination for college credit as one of its objectives. However, students electing the course are not obligated to take the examination. Advanced Placement testing occurs in May.

ENGLISH LITERATURE AND COMPOSITION AP (12)

School(s): **Huron, Pioneer, Skyline**

Course #: **102041**
102055, 102056, 102057

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Trimesters (Skyline)	0.5	English Elective	English 10	**APPROVED**

Students study a blend of advanced composition and literature. Students read literature ranging from classic to modern including American, British, and translated works; practice advanced composition skills, participate in group discussions, listen to lectures; engage in group work; present ideas before the class. Some class assignments are designed to resemble test questions on the Advanced Placement Test. This course is equivalent to a freshman college course but offered in a high school setting.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. Advanced Placement testing occurs in May.

English Language Arts

ENGLISH LEARNING (EL)

EL courses are intended for newcomer students who have been in the United States for 30 months or less. Placement in EL courses is dependent on WIDA composite scores (1.0-2.9 and newcomer status.) All EL courses use the district units of guaranteed curriculum. A difference between an EL course and other English courses is the use of appropriately complex texts: all students are held accountable for the Michigan State Standards for English Language Arts, with appropriate texts for their language proficiency level. The WIDA Can Do Key Uses for Grades 9-12 guide expectations for the work students in EL courses produce. Students read literature and informational texts, write creatively and analytically, and communicate in a variety of modes. Students develop their literacy analysis skills by studying a variety of authors and works, including world literature. Composition skills are developed by applying writing processes to essays of reflection, argumentation, and critical analysis focused on the history of the English language.

ENGLISH LEARNING (EL) I

School(s): **Huron, Pioneer, Skyline**

Course #: **101010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English 9 or 10	WIDA assessment level 0.1-1.9, newcomer status, and committee Recommendation	**BY INDIVIDUAL APPLICATION**

The English Learning I (EL I) course uses the district units of guaranteed curriculum for English 9 and 10. A difference between an EL course and other English courses is the use of appropriately complex texts: all students are held accountable for the Michigan State Standards for English Language Arts, with appropriate texts for their language proficiency level. The WIDA ELD Standards for Grades 9-12 guide expectations for the work students in EL courses produce. Students read literature and informational texts, write creatively and analytically, and communicate in a variety of modes. Students develop their literacy analysis skills by studying a variety of authors and works, including world literature. Composition skills are developed by applying writing processes to essays of reflection, argumentation, and critical analysis focused on the history of the English language.

Placement determined by WIDA level 1.0-1.9 and Newcomer Status- 30 months or less of US schooling.

ENGLISH LEARNING (EL) II

School(s): **Huron, Pioneer, Skyline**

Course #: **101020**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English 9 or 10	WIDA assessment level 2.0-2.9, newcomer status, and committee recommendation	**BY INDIVIDUAL APPLICATION**

The English Learning II (EL II) course uses the district units of guaranteed curriculum for English 9 and 10. A difference between an EL course and other English courses is the use of appropriately complex texts: all students are held accountable for the Michigan State Standards for English Language Arts, with appropriate texts for their language proficiency level. The WIDA ELD Standards for Grades 9-12 guide expectations for the work students in EL courses produce. Students read literature and informational texts, write creatively and analytically and communicate in a variety of modes. Students develop their literary analysis skills by studying a variety of authors and works, including world literature. Composition skills are developed by applying writing processes to essays of reflection, argumentation, and critical analysis focus on the history of the English language.

Placement determined by WIDA level 2.0-2.9 and Newcomer Status- 30 months or less of US schooling.

English Language Arts

ENGLISH LEARNING (EL) III, TRANSITIONAL

School(s): **Huron, Pioneer, Skyline**

Course #: **101030**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English 9 or 10	WIDA assessment level 3.0-4.7, newcomer status, and committee recommendation	**BY INDIVIDUAL APPLICATION**

The English Learning III, Transitional (EL III) course uses the district units of guaranteed curriculum for English 9, 10 and English electives. A difference between an EL course and other English courses is the use of appropriately complex texts: all students are held accountable for the Michigan State Standards for English Language Arts, with appropriate texts for their language proficiency level The WIDA ELD Standards for Grades 9-12 guide expectations for the work students in EL courses produce. Students read literature and informational texts, write creatively and analytically, and communicate in a variety of modes. Students develop their literary analysis skills by studying a variety of authors and works, including world literature. Composition skills are developed by applying writing processes to essays of reflection, argumentation, and critical analysis focused on the history of the English language.

Placement determined by WIDA level 3.0-3.9 and Newcomer Status- 30 months or less of US schooling.

ENGLISH PLUS
ENGLISH PLUS-ELE

School(s): **Huron, Pathways*, Pioneer, Skyline****

Course #: **991100**
991134

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	1.0	English 9 or 10 (.5) and General Elective (.5)*	Literacy intervention criteria and teacher recommendation	

English Plus is a Tier III course designed specifically for students who enter high school reading significantly below grade level. This course teaches both the core (English 9/10) plus more (Academic Literacy) in a two-hour block. This course is designed to provide students with a smaller environment for one-on-one and small group work on foundational literacy skills alongside grade-level curriculum.

Must enroll in both sections.

***At **Pathways,** English Plus is a one-period course spread over two trimesters. Students receive English 9 or English 10 credit for two terms.
At **Skyline, English Plus is a one-period course spread over three trimesters. Students receive English 9 or English 10 credit for two terms and General Elective credit for one term.

FILM SL/HL YR 1 IB
FILM SL YR 2 IB
FILM HL YR 2 IB

School(s): **Huron**

Course #: **IB109300**
IB109301
IB109302

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	English Elective		

Film SL/HL Yr1 (Grade 11)

This is the first year of a two-year course. This two-year course aims to develop both a keen, inquiry-based appreciation and deep understanding of the art of cinema. In year one, international cinema across multiple genres will be examined and thoroughly analyzed through the lens of cultural, historical, technical, and aesthetic perspectives. The emphasis in year two shifts to film production, where students will be expected to apply their knowledge of film concepts, techniques, and influences in a collaborative, inquiry-based creative environment. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Students in 12th grade that wish to take Fim SL/HL Year 1 can do so as an English elective course but will not be eligible for IB assessments that come at the end of the two-year experience.

Film SL Yr2 and Film HL Yr2 (Grade 12)

This course is the second year of a two-year course. The primary focus of DP Film II is film production, including the inquiry-based Film Portfolio (internal assessment) and HL Collaborative Project (internal assessment). Students will take a deep dive into several key roles of a film crew, including (but not limited to) screenwriter, director, cinematographer, sound designer, and editor. Students will shoot various exercises to gain experience in the various roles, as well as create and produce their own original projects in a collaborative, inquiry-based creative environment. Throughout the year, students will also continue to both analyze and synthesize film as they finish their work on the two required external assessments (Textual Analysis and Comparative Study). This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

HUMANITIES AFRICAN AMERICAN LITERATURE AC
HUMANITIES AFRICAN AMERICAN HISTORY AC

School(s): **Huron*, Pioneer**, Skyline*****

Course #: **105014**
105018, 105019
203015

Grade(s): **10, 11, 12 (see notes)**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms (2 periods/term)	1.0	**LIT:** English 10 or English Elective **HIST:** US History & Geography or General Elective	Must be enrolled in both courses	**APPROVED**

Traditional areas in U.S. history and literature are covered from an African-American perspective. An interdisciplinary approach is used incorporating African-American literature, art, music, and culture throughout the curriculum. This course utilizes a variety of materials and class activities including lectures, discussions, use of primary materials and projects. Research and reading outside the text are required each term. Students are required to do concentrated reading of challenging materials and formal expository writing.

Students must select both courses and are expected to take both terms.

*At **Huron,** this course is only offered in grade 10.
At **Pioneer, this course is only offered in grade 10.
***At **Skyline**, this course is only offered in grade 12.

HUMANITIES LITERATURE AC
HUMANITIES SOCIAL STUDIES AC

School(s): **Huron, Pioneer**

Course #: **105026**
105027, 105028
203022

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms (2 periods/term)	1.0	English Elective (.5) and Social Studies (.5)	Must be enrolled in both sections	**APPROVED**

This course is designed for high school seniors who wish to study recognized classics of the Western world in an interdisciplinary setting. These works are read against a cultural background of art, music, and intellectual history, and in a chronological sequence. Students read challenging materials and compose formal expository writing. The course covers major works of art, music, literature, and economic and political philosophers central to Western Civilization. Works from art, music, literature, and economics are arranged chronologically. The formal lecture is used extensively, together with small group discussions.

Students enrolling are expected to take both terms. There is no prerequisite to enroll in Humanities AC, but it is recommended that students have taken at least one literature course.

HUMANITIES WORLD LITERATURE AC
HUMANITIES WORLD HISTORY AC

School(s): **Skyline**

Course #: **105029**
203054

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Trimesters (2 periods/ term)	1.0	General Elective (1.0), English Elective (1.0), and Social Studies (1.0)	None	**APPROVED**

This course is designed for high school seniors who wish to study world cultures in an interdisciplinary setting. Students read challenging primary and secondary materials, participate in debate, and produce creative student-centered assignments. Students analyze literature, architecture, dance, philosophy, anthropology, history, theater, film, art, and music in a thematic sequence. The literature section uses the reading workshop and writing laboratory models as students engage in the rigorous exploration of world cultures. As a reading workshop, this course teaches students to do close analytical readings of challenging primary and secondary texts. Students work through these texts in an effort to make social, historical, ideological, and discursive connections among various cultures and time periods. Students should expect to thoroughly analyze a number of visual and printed mediums including critical essays, visual art, novels, poems, music, films, advertisements, plays, and television shows. Students will use a variety of analytical techniques such as dialogic journaling, annotated readings, and guided notes to delve into texts. As a writing laboratory, a great deal of attention is given to the writing process. Critical theory, focused readings, substantive research, visual media, and rich discussions provide the basis for student writing. Students are expected to write formally and informally both inside and outside of the classroom.

Students must select both courses and are expected to take both trimesters.

JOURNALISM, ADVANCED

School(s): **Community, Huron, Pioneer Skyline***

Course #: **103035**
103036, 103037, 103038

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year *1 term (Skyline)	0.5	English Elective	None	**APPROVED**

Advanced Journalism functions as a small, professional newspaper. The paper is distributed to the students, faculty and community. Students study writing and design from professional journalists and publications. Students practice journalism as an open forum for student expression. Students may repeat this course. Students play important leadership roles which include: editor-in-chief, head copy editor, design editors, news editor, feature editor, sports editor, op/ed editor and business manager. Leadership roles change and develop to fit the needs of students and the class.

At **Skyline,** the course is 1 term and can be repeated for credit.

JOURNALISM, WRITING

School(s): **Community, Huron, Pioneer, Skyline**

Course #: **103041**
103047, 103048, 103049

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Semester, 1 Trimester	0.5	English Elective	None	**APPROVED**

This course has an emphasis on learning the principles of journalistic news and feature writing. Students study journalism in the same manner that they explore a literary form in a creative writing or literature class. Articles are submitted to the school newspaper for possible publication. Students also study the newspaper, the publication process, media law, and the role of the press in a democracy.

JOURNALISM II

School(s): **Community, Pioneer**

Course #: **103042**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Semester	0.5	English Elective	None	**APPROVED**

This course has an emphasis on learning the principles of journalistic news and feature writing. Students study journalism in the same manner that they explore a literary form in a creative writing or literature class. Articles are submitted to the school newspaper for possible publication. Students also study the newspaper, the publication process, media law, and the role of the press in a democracy.

English Language Arts

LITERATURE HL YR1 IB
LITERATURE HL YR2 IB

School(s): **Huron**

Course #: **IB109100**
IB109102

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	English Elective	English 10	**APPROVED**

Literature HL Yr1 (Grade 11)

Literature HL Yr1 (IB) is the first year of a two-year course that teaches students to develop their analytical skills as it relates to reading, interpreting, presenting on, and writing about literature. The course will cover all CCSS for the English Language Arts. The course is intended for 11th grade students who are either enrolled in the Diploma Programme (DP) or are seeking a course-specific certificate in DP. The content of the course includes literature in a broad range of genres, including poetry, drama, fiction, and non-fiction prose from around the world. The performance expectations of the course will focus on reading, speaking and listening, and writing practices such as rhetorical analysis, literary analysis or close reading, historical and cultural research, oral interpretation of literature, small group discussions, and oral presentations. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

Literature HL Yr2 (Grade 12)

Literature HL Yr2 (IB) is the second year of a two-year course that teaches students to develop their analytical skills as it relates to reading, interpreting, presenting on, and writing about literature. The course will cover all CCSS for the English Language Arts. The course is intended for 12th grade students who are either enrolled in the Diploma Programme (DP) or are seeking a course-specific certificate in DP. The content of the course includes literature in a broad range of genres, including poetry, drama, fiction, and non-fiction prose from around the world. The performance expectations of the course will focus on reading, speaking and listening, and writing practices such as rhetorical analysis, literary analysis or close reading, historical and cultural research, oral interpretation of literature, small group discussions, and oral presentations. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

LITERATURE, AFRICAN AMERICAN

School(s): **Huron, Pathways, Pioneer**

Course #: **105013**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English Elective	None	**APPROVED**

This course is designed for students who have an interest in African-American literature. Students will engage in critical reading, thoughtful discussion, and formal and personal forms of writing related to the readings. The emphasis is on a deeper understanding of novels, autobiographies, plays, short stories, and poetry by well-known African-American writers.

LITERATURE, AMERICAN

School(s): **Community*, Pathways, Pioneer**

Course #: **105011**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English Elective	Not open to students who have completed AP English Language and Composition	**APPROVED**

Students become acquainted with some major American novels, short stories, drama and poetry. Emphasis is placed on both critical reading and the study of characteristics of various literary types. The course requires outside readings based on course themes and various forms of writing.

*At **Community**, this course is offered in grades 10, 11, and 12.

English Language Arts

LITERATURE, CONTEMPORARY WORLD

School(s): **Community*, Huron**, Pioneer***, Skyline**

Course #: **105024**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English Elective	None	**APPROVED**

Students explore perspectives from various parts of the world and their influence on life in America. Emphasis will be placed on readings that give students an expanded worldview and understandings of their connection to past and present global perspectives. Contemporary novels are supplemented with memoirs, speeches, poetry, essays, news articles, video and online content. Students should expect to write traditional essays as well as informal responses to ideas and themes. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

*At **Community**, this course is offered in grades 9-12.
At **Huron, this course is offered in grades 11 and 12.
***At **Pioneer**, this course is only offered in grade 12.

LITERATURE, FANTASY

School(s): **Community**

Course #: **105031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature	**APPROVED**

Students will read fantasy novels and short stories. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

LITERATURE, FILM I

School(s): ***Community, Huron**, Pathways, Pioneer** and **Skyline*****

Course #: **106021**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None**	**APPROVED**

Students study the motion picture as a means of self-expression in the same manner that they explore literary forms in a creative writing or literature class. Students engage in critical reading, thoughtful discussion, rhetorical study, and various forms of essay writing (e.g., expository, literary analysis, argument, narrative, and reflective). Emphasis is placed on film history including cinematic culture and criticism. Students view representative film classics.

*At **Community,** this course is offered in grades 9, 10, 11, and 12.
At **Huron, students who have taken Film SL/HL Yr1 may not also take this course.
***At **Pathways, Pioneer** and **Skyline,** this course is offered in grades 11 and 12.

English Language Arts

LITERATURE, FILM II

School(s): **Huron*, Pioneer**, Skyline**, Community*****

Course #: **106022**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None*	**APPROVED**

Students study the motion picture as a means of self-expression in the same manner that they explore a literary form in a creative writing class or literature class. Emphasis is placed on specific directors, genres, cinematic culture and criticism. Students view representative film classics as well as popular modern film examples. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

*At **Huron,** students who have taken Film SL/HL Yr1 may not also take this course.
At **Pioneer and **Skyline,** this course is offered in grades 11 and 12.
***At **Community**, this course is offered in grades 9-12.

LITERATURE, GRAPHIC NOVELS

School(s): **Community, Pathways, Skyline**

Course #: **105039**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	

Graphic novels are gaining acceptance for the legitimate, often insightful portrayals of modern issues. Because of the rich contribution graphic novels have made to literature, students will study the birth and growth of the graphic novel and explore various graphic novels from a variety of world cultures, including comparison of eastern versus western modes and meaning in graphic novel storytelling.

LITERATURE, HARLEM RENAISSANCE AND BEYOND

School(s): **Community**

Course #: **105010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature	**APPROVED**

In this course, students begin studying literature of the Harlem Renaissance and progress to more contemporary African American literature. Students study a myriad of genres including novels, autobiographies, plays, essays, short stories and poetry. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

LITERATURE, HIP HOP MOVEMENT

School(s): **Pioneer, Community**

Course #: **105045**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	**APPROVED**

An Exploration of the History and Literature of the Hip Hop Movement will engage students in both historical and contemporary analysis of Hip Hop poetry, music, film, drama, essay and fiction. Students will learn about the origins of Hip Hop, the evolution of the movement and art form over the past half-century, and the controversies embedded in the genre. Students will study the literary techniques that Hip Hop writers use and the themes they engage with and will have the opportunity to create their own Hip Hop literary art, music and research projects.

***Note:** Because this course will ask students to engage with literatures that include profanity, racial, misogynistic and homophobic language, students will need to secure parental or legal guardian understanding that class discussions will include analysis of such language.*

English Language Arts

LITERATURE, HISTORICAL FICTION

School(s): **Community**

Course #: **105040**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature	**APPROVED**

In this course, we study novels that are set during important times in history. Possible novels are *Tale of Two Cities* by Charles Dickens (French Revolution), *Kite Runner* by Khaled Hosseini (Afghanistan), *Cold Mountain* by Charles Frazier (Civil War), *Atonement* by Ian McEwan (WWII), *Ragtime* by E.L. Doctorow (first two decades of the 1900s), *Possession* by A.S. Byatt (Victorian England), *Birdsong* by Sebastian Faulks (WWI), *The Things They Carried* by Tim O'Brien (Vietnam War) and so many more! Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

LITERATURE, HYPHENATED AMERICAN

School(s): **Community**

Course #: **105008**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English Elective	Introduction to Literature	**APPROVED**

These American Lives focuses on authors from outside the American mainstream. These writers come to American literature from distinct places, angles and backgrounds; their stories reflect a common struggle to be a part of modern American culture while staying rooted to other traditions. It is this chorus of cultural hybrids that has defined American Literature and culture itself for at least a century. Students will study texts, write essays and engage in class discussion.

LITERATURE, INTRODUCTION TO

School(s): **Community*, Pathways****

Course #: **105001**

Grade(s): **9*, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	**APPROVED**

Introduction to Literature introduces students to the critical study of a variety of texts: novels, short stories, plays, poems, and essays. Students read literature and nonfiction texts; analyze texts through close reading and application of critical perspectives; write creatively and analytically; develop speaking and listening skills; and study how language functions in different contexts.

***At **Community**, this course is required for all 9th grade students.
****At **Pathways**, this course is a graduation requirement.

LITERATURE, LANGUAGE AND HL YR1 IB
LITERATURE, LANGUAGE AND HL YR2 IB

School(s): **Huron**

Course #: **IB109200**
IB109202

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	English Elective		**APPROVED**

Language and Literature HL Yr1 (Grade 11)

Language and Literature HL Yr1 (IB) aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

Language and Literature HL Yr2 (Grade 12)

The Language and Literature HL Yr2 (IB) course is the second year of a two-year course. The IB Language and Literature course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. This course satisfies the Group1: Language and Literature requirement for Full IB Diploma students.

LITERATURE, MODERN READINGS

School(s): **Community**

Course #: **104031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	English Elective	Introduction to Literature (Community)	**APPROVED**

Students study readings of modern work representing various types of writing that reflect contemporary themes and problems. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

LITERATURE, PHILOSOPHICAL ISSUES IN

School(s): **Community**

Course #: **105042**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature	**APPROVED**

This course explores various philosophical issues that are raised and treated by writers in their poems, short stories, novels, plays and treatises. It is helpful if the student has either taken an introduction to philosophy course, has read philosophy on his/her own, has read great literary works that deal with the big questions, or simply has a desire to discuss the eternal questions. We will read selections from authors such as Dostoevsky, Plato, Huxley, Conrad, Voltaire, Kafka, Camus, Hesse, Stevenson, Golding, Norris, Crane, etc.

English Language Arts

LITERATURE, SCIENCE FICTION

School(s): **Community**

Course #: **105034**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature	**APPROVED**

Students read science fiction novels and short stories for discussion and analysis. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

LITERATURE, SHAKESPEARE

School(s): **Community**

Course #: **105035**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature	**APPROVED**

Students will read a collection of Shakespeare plays. Class format will include performance and interpretation of the plays, dramatic activities, lecture, and written responses to the texts. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

LITERATURE, SHORT READINGS

School(s): **Community**

Course #: **104041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	**APPROVED**

Students focus on the regular, careful reading of various genres of relatively short modern works. The readings include short stories, plays, fiction, and nonfiction. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

LITERATURE, TWENTIETH CENTURY

School(s): **Community*, Pathways**

Course #: **105036**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 1 Term*	0.5	English Elective	Introduction to Literature (Community)	**APPROVED**

This course is designed for students interested in modern literature. They will study modern classics, popular fiction, science fiction, personal narrative and contemporary poetry. Students write formal papers related to issues raised in the readings and class discussion. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

*At **Community**, this course is offered in grades 9-12

English Language Arts

LITERATURE, WOMEN'S I

School(s): **Community, Skyline**

Course #: **105037**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature (Community)	**APPROVED**

Women's Literature is designed to provoke students' thinking about the role that gender plays in literature and life. The course looks at literature that spans place and time. Through reading we can vicariously have experiences that can broaden our own perspective and understanding of the world. Our course texts range from classic novels to contemporary poetry. Students will write creatively and analytically about the texts and the issues they present. This course offers students a community in which they can broaden their understanding of the past, present and future through literature.

LITERATURE, WORLD

School(s): **Community**

Course #: **105023**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English Elective	Introduction to Literature	**APPROVED**

This course is a yearlong survey of classic world literature. Units include literature from Britain, Russia, Spain and South American, Ancient Greece and Rome, Africa, and the ancient Middle East. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

LITERATURE, WORLD MYTHOLOGY

School(s): **Community**

Course #: **105025**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	**APPROVED**

This course will explore the nature, purposes and focus of myth. Themes explored include creation, heroic journeys and modern allusions. Texts/films include the Odyssey, Ramayana, Gilgamesh and the Star Wars Trilogy. Students keep journals, create group presentations, and write essays. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

RADICAL YOUTH LITERACIES

School(s): **Skyline, Community**

Course #: **103071**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Writing Center A, B or C	

This course engages admitted writing center tutors and other interested students in learning about and building democratic, inclusive, and socially just schools, classrooms, and community literacy spaces that are youth-driven and youth-centered. Students will explore their own histories and stories with literacy and writing, examine systems and structures that shape literacy and writing, and work with local partners to build meaningful projects to address literacy equity in Washtenaw County while building their own equitable, just, and restorative learning community in the classroom. Students will have shared ownership of important classroom policies and decisions.

SPEECH AND COMMUNICATION

School(s): **Community, Pathways, Skyline**

Course #: **106032**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	**APPROVED**

Students study the communication process. They focus on the fundamentals of oral language and develop communication literacy. Students participate in a variety of speech activities, such as interviews. Students prepare speeches by selecting and researching topics, organizing ideas and information, and presenting speeches for specific audiences. Students evaluate content and delivery of speeches. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

THEATER I

School(s): **Community, Skyline**

Course #: **731011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA or English Elective	None	

The purpose of this course is to introduce the student to the power of the theater to reflect the world. The first part of the course will concentrate on the listening and communication skills necessary to develop the actor within and create a safe environment in which each student can explore freely. Some of the activities students will participate in will include improvisation; pantomime; monologue and scene performance; basic set, lighting, and text analysis and the role theater plays in our society. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

THEATER II

School(s): **Community, Skyline**

Course #: **731012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA or English Elective	Theater I	

Theater II is designed as an intermediate level study of theater arts. It uses individual and group assignments as well as ensemble productions to provide students hands-on experience in the world of theater. Students will learn intermediate acting, technical theater concepts, theater vocabulary as well as theater history.

WRITER'S WAY, THE

School(s): **Community**

Course #: **103012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	

The Writer’s Way is a course designed for students who are dedicated to developing or honing their writing. Class activities include: quick writes (writing prompts), writing time, mini-lessons, reading/writing notebooks, portfolios and class readings. Professional authors visit the class and share their writing experiences with us. Past writers have included: songwriters, journalists, medical writers, short story writers, novelists, essayists, and poets. Serious time will be dedicated to writing, and students should prepare to push themselves to find their writer’s voice inside and outside of class.

WRITING CENTER

School(s): **Pioneer, Skyline**

Course #: **103013**
103015, 103016, 103017

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	

Students enrolled in Writing Center participate in weekly seminars to assist them in becoming pedagogically informed and well-practiced peer tutors. In seminars, students are expected to: read important theoretical works about writing centers, peer tutoring, teaching writing; respond to these readings in formal and informal ways; observe the work of others; and reflect on their own practice. During their enrollment in the course, tutors work every day in the writing center, in classrooms, and/or in the online writing lab to assist their classmates in becoming better writers in classes across the curriculum. Tutors are expected to be able to assist students at any skill level with any writing assignment in individual, small group, and whole group settings.

WRITING FOR PUBLICATION - NEWSPAPER IB

School(s): **Huron**

Course #: **IB103043**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English Elective	None	

Newspaper is one of two advanced journalism courses offered at Huron HS. In this class students will publish Huron High School's award winning newspaper The Emery and website. All students are required to work with the community to market the publications, write, design, and take photos to ensure the newspaper is printed each month and the website is updated weekly. Newspaper IB students focus on using the skills of Research, Communication, Social, Thinking, and Self-Management throughout the design process. The IB Learner Profile traits are embedded within the curriculum and students are encouraged to model them as part of publishing their work.

WRITING FOR PUBLICATION - YEARBOOK

School(s): **Community, Huron, Pioneer*, Skyline**

Course #: **103044**
103060, 103061, 103062

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	English Elective (up to 1.0) or General Elective	None	

Students participate in the production of the yearbook from theme selection through printing and distribution of the finished product. Throughout the year, students are involved in photography, sales and advertising, page layout, photo scanning, interviewing and writing. All students will learn how to write headlines, captions, and use expository writing to create articles. They will be expected to use these writing skills to contribute to the yearbook. They will also edit and peer edit. All students will learn how to use InDesign desktop publishing software. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing. Students are expected to put in additional hours outside of class in order to meet deadlines.

***Pioneer:** students may repeat this course.

English Language Arts

WRITING WORKSHOP

School(s): **Community**

Course #: **103054**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature	**APPROVED**

Writing Workshop revolves around four principles: time, choice, response and community. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing. Writing Workshop strives to create a writing community where students enjoy time to write, choice in topics and genres, response from peers and the teacher, and a community where students can share their writing joys and frustrations. Students will be exposed to various genres of writing through lessons, student examples and professional models. The goal of this course is to help students define themselves as writers.

WRITING, CREATIVE POETRY AND PROSE I

School(s): **Community, Huron, Pathways, Pioneer, Skyline***

Course #: **103031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	**APPROVED**

This course is designed for students who have a strong interest in writing both poetry and prose. Critiquing, revising, and learning what professionals say about writing are important elements of the class. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing. Students may be required to keep a writer's journal.

At **Skyline,** this course is only open to 11th and 12th graders.

WRITING, CREATIVE POETRY AND PROSE II

School(s): **Community, Huron, Pioneer*, Skyline***

Course #: **103032**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Writing, Creative Poetry and Prose I	**APPROVED**

Students write every day, study various types of poetry and prose, revise and critique their own work and the works of others, and keep a writer's journal. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

*At **Pioneer and Skyline**, this course is only open to 11th and 12th graders.
At **Pioneer, students may repeat this course.

WRITING, SCREEN

School(s): **Community, Pioneer**

Course #: **103052**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	None	

Screenwriting will focus on the techniques of writing for both the screen and the stage. Students will read critically acclaimed film scripts and stage plays to analyze the structure of storytelling in these mediums. Their own work will be developed, read aloud, and performed for the class. Performances will be filmed and then viewed by the class for constructive criticism.

WRITING, SHORT STORY: FREE VERSE School(s): **Community**

Course #: **103046** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	English Elective	Introduction to Literature	**APPROVED**

Short Story Writing: Free Verse is a one term elective that appeals to serious and aspiring writers. This course works exclusively on short stories and includes all the elements of short stories students have studied in literature courses: setting, plot, characterization, conflict, climax, resolution, etc. Students will write to in-class prompts to provide lots of practice, and they will write approximately six stories, with rewrites when appropriate. Students will be expected to write for an audience and share their pieces from time to time with the class as well as comment on others' work. Students will often be assigned to read short stories by published authors - for class discussion and for models. The class also juries submissions for *Free Verse*, the school's literary magazine. They will work on all aspects of production: editing, proofreading, layout, etc.

Health

HEALTH AND WELLNESS

School(s): **All High Schools**

Course #: **851011**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Health & Wellness	None	

This is a required course intended for 10th - 12th graders. This class is specifically aimed at teaching or reinforcing skills in how to live - at providing students with the physical, mental, emotional, social, spiritual, and environmental platform from which they can reach their potential. Units include: The Concept of Wellness, Exercise and Nutrition, Mental Health, Stress and Disorders, Human Sexuality and Alcohol and Other drugs. Familiar topics with a mature twist, these units meet students where they are at even as they prepare students to move toward independent, fulfilling and healthy futures. This course also includes a blended online curriculum through the American Red Cross, which covers CPR, AED and First Aid training.

At **Skyline**, this course may be repeated for additional credit.

HEALTH & WELLNESS WAIVER INFORMATION: Consistent with the guidelines from the State Board of Education Public Act 226 (1977), parents have the right to excuse their child, without penalty, from participating in the reproductive health portion of the Health & Wellness course. Parents who wish to exercise this option must submit a written request to the appropriate administrator. The student will be given an alternative, individual assignment during this section of the course.

HEALTH AND WELLNESS IB

School(s): **Huron**

Course #: **IB851011**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Semester	0.5	Health & Wellness	None	

This is a required course intended for 9th & 10th graders. This class is specifically aimed at teaching or reinforcing skills in how to live - at providing students with the physical, mental, emotional, social, and environmental platform from which they can reach their potential.

In this required MYP IB course students will have the opportunity to learn and discuss many topics that relate to their health through inquiry-based activities. Students will be given the tools necessary to make positive, informed decisions so they are able to reach their highest potential for a balanced healthy lifestyle. Students will learn to be comfortable in the classroom where many topics will be discussed including: Wellness, Nutrition, Violence Prevention, Tobacco, Alcohol, Drugs, and Reproductive Health. Students will also develop their knowledge in each of the health topics, as well as learn how to analyze influences, access information, effectively communicate, make proper decisions, set goals, develop self-management skills, and various advocacy skills.

HEALTH & WELLNESS WAIVER INFORMATION: Consistent with the guidelines from the State Board of Education Public Act 226 (1977), parents have the right to excuse their child, without penalty, from participating in the reproductive health portion of the Health & Wellness course. Parents who wish to exercise this option must submit a written request to the appropriate administrator. The student will be given an alternative, individual assignment during this section of the course.

Health

ADVANCED HEALTH/PUBLIC HEALTH POLICY

School(s): **Community, Huron, Pioneer, Skyline**

Course #: **851013**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	Health and Wellness	

This is an advanced health class for Juniors and Seniors who are interested in Public Health. The course begins with a broad overview of safeguarding and enhancing community health through the use of essential resources. Emphasis is placed on employing a public health approach to foster equity and accessibility, all within the framework of professional discourse.

As the class progresses, it will delve into contemporary public health issues, exploring historical narratives, current statistics, societal impacts, paradigm shifts, and upstream strategies. Public health speakers will be invited to provide real-world insights, contributing to a collaborative learning experience.

Goals and Objectives:

To provide an introduction to the field of Public Health.

To dig deep into topics like Mental Health/Disorders, Sexual Health, Applied Physiology, Addiction/Abuse, and other timely public and personal health problems, with an eye toward prevention of negative outcomes.

To provide students opportunities to explore and interact with community services.

To enable students to identify and apply problem-solving skills in their own lives.

To enhance health-enhancing ambassadorial skills in the student cohort.

TRAUMA AND SOCIETY

School(s): **Community**

Course #: **851021**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	Health and Wellness	

Trauma and Society is an innovative course exploring the pervasive impact of trauma on individuals, communities, and society. This course takes a trauma-informed approach, helping students gain a foundational understanding of trauma's complexities, its effects on mental health and relationships, and its broader societal consequences. Through deep examination of concepts related to personal and collective trauma, learning about evidence-based treatments, and exploring restorative justice practices, students will uncover ways to foster resilience, understand trauma's historical and societal roots, and consider pathways for recovery and systemic change.

International Baccalaureate (IB)

The Ann Arbor Public Schools is proud to offer the International Baccalaureate (IB) continuum of programming, including preschool-12th grade, as follows:

- ***Primary Years Programme*** *at Mitchell Elementary School, PreK-5th grade*
- ***Middle Years Programme*** *in partnership at Scarlett Middle School (6th-8th grade) and Huron High School (9th-10th grade)*
- ***Diploma Programme*** *at Huron High School (11th and 12th grade)*
- ***Career-related Programme*** *at Huron High School (11th and 12th grade)*

Students and families who live within the Mitchell, Scarlett and Huron attendance boundaries are a part of these programs in addition to in-district transfer and schools of choice families who apply to be a part of the Ann Arbor IB pathway. More information about the Ann Arbor IB programming can be found at http://ib.a2schools.org.

IB at Huron in 9th and 10th Grade:

All 9th and 10th graders at Huron study six of the MYP subjects all year, each year as part of the school day.

The six MYP subjects are:

1. Language and Literature (English Language Arts)
2. Language Acquisition (World Language)
3. Individuals and Societies (Social Studies)
4. Sciences
5. Mathematics
6. and **<u>ONE</u> of the following subjects**
   - Physical Education/Health (Personal Fitness, Health and Wellness, etc.)
   - Visual or Performing Arts (Visual Arts, Band, Choir, Orchestra, etc.)
   - Design (Project Lead the Way, Business, Automotive Technology, Foods, etc.)

Courses are organized as units of study and can be viewed at http://ib.a2schools.org. Click on the **Parent Resources** link. Then look for the **"Scarlett/Huron MYP Curriculum Unit Planners".**

What does a typical Huron 9th and 10th grade schedule look like?

Subject	9th Grade		10th Grade	
Language and Literature	English 9 (IB)		English 10 (IB)	
Language Acquisition	World Language - continue with language taken in 8th grade		World Language - continue with language taken in 9th grade	
Individuals and Societies	World History and Geography (IB)		Economics (IB)	Government (IB)
Sciences	Biology (IB)		Chemistry I (IB)	Physics I (IB)
Mathematics	Math course - Algebra I (IB), Geometry (IB) or Algebra II (IB)		Math course - Geometry (IB) or Algebra II (IB)	
Subject 6 MYP Elective	Visual/Performing Arts or PE/Health or Design Electives - consider Personal Fitness (IB) and Health (IB)		Visual/Performing Arts OR PE/Health or Design Electives	
Subject 7	Elective	Elective	**MYP Personal Project** course (see below)	Elective - consider Earth: History, Systems and Sustainability (IB)

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

Students complete the required **MYP Personal Project** in the first semester of 10th grade. Students pursue a personal interest while applying the skills developed through the *MYP Approaches to Learning* framework.

During the course, students are guided to follow a process for learning that includes:

1. Planning
2. Applying Skills
3. Reflection

In January each year, students present their project during the evening *Personal Project Exhibition* at Huron.

MYP Approaches to Learning are:

- **Research Skills**
- **Social Skills**
- **Thinking Skills**
- **Communication Skills**
- **Self-management Skills**

Specific project titles can be viewed at http://ib.a2schools.org. Click on the **Parent Resource** link. Then look for the **"Huron Personal Project Program".**

MYP Course Offerings

(see section in Guide)

International Baccalaureate

Personal Project

Language and Literature

English Language Arts

English 9 IB

English 10 IB

Language Acquisition

World Language

Chinese, Mandarin I IB

Chinese, Mandarin II IB

Arabic I IB

Arabic II IB

French I IB

French II IB

French III IB

German I IB

German II IB

Spanish I IB

Spanish II IB

Spanish III IB

Individuals and Societies

Social Studies

Economics IB

Government IB

History and Geography, World, IB

Sciences

Science

Biology IB

Chemistry I IB

Earth: Hist, Systems & Sustainability, IB

Physics I IB

Mathematics

Mathematics

Algebra I IB

Algebra II IB

Algebra II AC IB

Geometry IB

Geometry AC IB

Physical Education/Health

Health

Physical Education

Health and Wellness IB

Personal Fitness I, Co-Ed IB

Personal Fitness, Female-Focus IB

Personal Fitness, Male-Focus IB

Personal Fitness II IB

Yoga IB

Visual or Performing Arts

Art or Music

Art and Design IB

Ceramics and Sculpture I IB

Graphic Design IB

Photography I, Darkroom IB

Photography, Digital I IB

Band, Varsity IB

Chorus, Cantando Treble IB

Chorus, Cantare Bass IB

Orchestra Philharmonic IB

Design

Project Lead The Way (PLTW)

Business Admin & Management

Career & Technical Education (CTE)

Engineering Design IB

Engineering, Principles of IB

Computer Applications I IB

Computer Applications II IB

Marketing Education IB

Programming, Introduction IB

Web Design I IB

Web Design II IB

Auto, Know Your IB

Foods, Nutrition IB

Writing for Publication-Newspaper IB

Course offerings are subject to sufficient enrollment; course offerings and descriptions are subject to change.

International Baccalaureate (IB)

IB at Huron in 11th and 12th Grade: *Choose Your Best Fit*

Huron High School offers International Baccalaureate (IB) pathways for almost any student in 11th and 12th grade.

- IB Diploma Programme
- IB Career-related Programme
- IB Course Student (as part of Traditional student experience)

The Huron IB coordinators, counselors, teachers and administrators will help each student find their "IB best fit" that recognizes the student's strengths, interests, passions, and goals leading to success in the next steps of life.

Please use the table below to understand the student experience within each pathway.

Path	**Full IB Diploma Programme Student (DP)**	**Career-related Programme Student (CP)**	**IB Course Student (as part of Traditional student experience)**
Courses	Takes **six DP courses, one from each of the DP subject groups** in 11th and 12th grades	Takes courses from an offered **Career-related pathway** and takes **two or more DP courses** in 11th and 12th grades	Takes a combination of courses offered at Huron: DP courses, AP courses, and/or any traditional Huron course by choice.
Core Experiences	Completes the elements of **DP Core** (through DP Advisory course) - **Theory of Knowledge** (TOK) - **Extended Essay** - **Creativity, Activity and Service** (CAS)	Completes the elements of **CP Core** (through CP Advisory course) - **Personal and Professional Skills** (PPS) - **Reflective Project** - **Service Learning** - **Language Development**	Not applicable
Exams	Attempts IB Exams in all six DP subjects	Attempts IB Exams in selected DP courses	Attempts IB exams in selected DP courses
Extra-Curricular	Participates in Huron: - Clubs - Sports	Participates in Huron: - Clubs - Sports	Participates in Huron: - Clubs - Sports
Awards	Receives: · Huron High School Diploma · IB Diploma (upon successful completion of all components and exams) · DP course score certificates (potential college credit)	Receives: · High School Diploma - IB Career Related Certificate (upon successful completion of all components and exams) · DP course score certificates (potential college credit)	Receives: · Huron High School Diploma · DP course score certificates (potential college credit)

International Baccalaureate (IB)

Career-related Programme	**CP Students take:** Courses in their career-related study field for 4 consecutive semesters in 11-12th grades A minimum of two of the DP courses listed below (one must be a two-year course) CP Core Advisory, a course taken for 4 consecutive semesters in 11th and 12th grades.
Career-related Study Choices:	● **Engineering** (Introduction to Engineering Design, Principles of Engineering, Aerospace Engineering, Engineering Design and Development) ● **Business, Management, Marketing and Technology** (Accounting, Marketing, Principles of Management, Entrepreneurship, Web Design, Computer Applications Technology, Cybersecurity) ● **Automotive Services** (Auto Service Technology 1 and 2) ● **Homebuilding** ● **Cosmetology** ● **Culinary Arts & Hospitality** (Culinary Arts & Hospitality, Baking & Pastry Arts) ● **Health Sciences** (Health Science Principles, Advanced Health Science Technology/Clinical)

Diploma Programme	**Full IB Diploma Students take:** A full schedule of DP courses in 11th and 12th grade One course each from DP Groups 1-5, and a 6th additional course from groups 3, 4 or 6 listed below DP Core Advisory for 4 consecutive semesters in 11th and 12th grades.
DP Group 1 Choices:	● DP Language and Literature HL (two years) ● DP Literature HL (two years)
DP Group 2 Choices: * CP students choose DP Group 2 only as their third choice.	● DP Language B available in Spanish, French, German, Mandarin, Arabic SL and HL levels (two years); French, German Chinese at ab initio (from the beginning)
DP Group 3 Choices:	● DP Global Politics SL (one year) ● DP Psychology SL (one year) ● DP History SL (one year) ● DP Business Management SL (one year) ● DP History HL (two years)
DP Group 4 Choices:	● DP Physics SL or HL (two years) ● DP Chemistry SL or HL (two years) ● DP Biology SL or HL (two years) ● DP Computer Science SL or HL (two years) ● DP Environmental Systems and Societies SL (one year)
DP Group 5 Choices:	● Math Applications & Interpretations SL (two years) ● Math Applications & Interpretations HL (two years) ● Math Analysis & Approaches SL (two years) ● Math Analysis & Approaches HL (two years)
DP Group 6 Choices:	● DP Visual Arts SL or HL (two years) ● DP Film SL or HL (two years)
To find out more about these DP courses, please go to https://www.a2schools.org/teaching-learning/ib and click on "IB at Huron"	

International Baccalaureate (IB)

Note for AAPS counselors: Please consult with Huron counselors/Diploma Programme facilitator before enrolling due to the two year nature of most Diploma Programme courses.

MIDDLE YEARS PROGRAMME – MYP

PERSONAL PROJECT IB

School(s): **Huron**

Course #: **IB919100**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1st Semester 10th grade	0.5	Elective	None	

The personal project is a culminating 10th grade activity that showcases individual learning in the Middle Years Programme (MYP). It focuses on a topic chosen by the student, and it challenges students to demonstrate their learning capabilities.

Success with the Personal Project is connected to skills every successful student needs (but not all schools intentionally address) including being a thoughtful planner and problem solver. In MYP schools around the world, the Personal Project is regarded as a marker that defines readiness for learning opportunities in high school and beyond. Many MYP students refer to their Personal Project in their college admissions essays and scholarship applications. In addition, students who are entering the trades or job market following high school distinguish themselves as well by explaining their work to select a project, plan it, carry out the plan and then evaluate the effectiveness of the project.

DIPLOMA PROGRAMME – DP
CAREER-RELATED PROGRAMME - CP

CP CORE ADVISORY PERSONAL AND PROFESSIONAL SKILLS YR1 IB
CP CORE ADVISORY PERSONAL AND PROFESSIONAL SKILLS YR2 IB

School(s): **Huron**

Course #: **IB680101, IB680102**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year 11th Year 12th	0.5		Students must be in the IB/CP Programme	

This course is for students working toward the IB Career-related Programme Certificate. It is taken in both 11th and 12th grade. The course prepares students for the successful completion of the Core elements of the IB Career-related Programme:

* Personal and Professional Skills,
* Reflective Project,
* Language Development, and
* Community Engagement.

Students will explore attitudes, skills, and strategies to both personal and professional situations and contexts now and in the future. Students work to produce a Reflective Project by learning and applying strategies of high-level research, writing, and extended communication skills as they explore an ethical dilemma in their chosen career-related study area. Students will devote time to developing and demonstrating skills in a language beyond their mother tongue and applying knowledge and skills toward meeting the needs of their community through service learning opportunities.

DP CORE ADVISORY THEORY OF KNOWLEDGE YR1 IB
DP CORE ADVISORY THEORY OF KNOWLEDGE YR2 IB

School(s): **Huron**

Course #: **IB209511, IB209512**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year 11th Year 12th	0.5		Must be enrolled as a full Diploma Programme student to enroll in this course.	

Students working toward their IB Diploma take this course in both 11th and 12th grade. The course prepares students for the successful completion of the Core elements of the IB Diploma Programme:

- Creativity, Activity and Service
- The Extended Essay
- Theory of Knowledge

Students explore the nature of knowledge and the process of knowing. Through various thematic or curricular approaches, students evaluate the knowledge, beliefs, and opinions developed from their years of academic studies and lives outside the classroom. The course focuses on the diversity and richness of different perspectives, and it explores the interdependent relationship between knowledge and culture. Students work to produce an Extended Essay by learning and applying strategies of high-level research, writing, and extended communication skills as they explore an academic subject of their choosing. Students will devote time to developing and demonstrating the affective skills that are a part of Creativity, Activity, and Service as well.

International Baccalaureate (IB)

LITERATURE HL YR1 IB
LITERATURE HL YR2 IB

School(s): **Huron**

Course #: **IB109100, IB109102**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	English Elective	English 10	**APPROVED**

Literature HL Yr1 (Grade 11)

Literature HL Yr1 (IB) is the first year of a two-year course that teaches students to develop their analytical skills as it relates to reading, interpreting, presenting on, and writing about literature. The course will cover all CCSS for the English Language Arts. The course is intended for 11th grade students who are either enrolled in the Diploma Programme (DP) or are seeking a course-specific certificate in DP. The content of the course includes literature in a broad range of genres, including poetry, drama, fiction, and non-fiction prose from around the world. The performance expectations of the course will focus on reading, speaking and listening, and writing practices such as rhetorical analysis, literary analysis or close reading, historical and cultural research, oral interpretation of literature, small group discussions, and oral presentations. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

Literature HL Yr2 (Grade 12)

Literature HL Yr2 (IB) is the second year of a two-year course that teaches students to develop their analytical skills as it relates to reading, interpreting, presenting on, and writing about literature. The course will cover all CCSS for the English Language Arts. The course is intended for 12th grade students who are either enrolled in the Diploma Programme (DP) or are seeking a course-specific certificate in DP. The content of the course includes literature in a broad range of genres, including poetry, drama, fiction, and non-fiction prose from around the world. The performance expectations of the course will focus on reading, speaking and listening, and writing practices such as rhetorical analysis, literary analysis or close reading, historical and cultural research, oral interpretation of literature, small group discussions, and oral presentations. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

LITERATURE, LANGUAGE AND HL YR1 IB
LITERATURE, LANGUAGE AND HL YR2 IB

School(s): **Huron**

Course #: **IB109200, IB109202**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	English Elective		**APPROVED**

Language and Literature HL Yr1 (Grade 11)

Language and Literature HL Yr1 (IB) aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. This course satisfies the Group 1: Language and Literature requirement for Full IB Diploma students.

Language and Literature HL Yr2 (Grade 12)

The Language and Literature HL Yr2 (IB) course is the second year of a two-year course. The IB Language and Literature course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres and media. This course satisfies the Groups 1: Language and Literature requirement for Full IB Diploma students.

International Baccalaureate (IB)

ARABIC SL/HL YR1 IB
ARABIC SL YR2 IB
ARABIC HL YR2 IB

School(s): **Huron**

Course #: **IB506100, IB506121, IB506122**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Term	0.5	World Language	Arabic II	**APPROVED**

Arabic SL/HL Yr1 (Grade 11)

Arabic SL/HL Yr1 (IB) focuses on the development of students' communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. Students will learn to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to communicate orally and in writing. The course allows students to access the target language by studying it as a beginner or as someone with prior experience of the language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

Arabic SL Yr2 (Grade 12)

Arabic SL Yr 2 (IB) is the second year of a two-year course, for students with an Intermediate /Advanced proficiency level of Arabic. It focuses on the development of students' communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. While acquiring a language, students will explore the culture(s) connected to it. The class is conducted entirely in Arabic and requires the student to be an independent and highly motivated learner. Students in this level will be able to discuss a topic in writing and speaking about cultural differences between Arabic speaking countries and other parts of the world in the target language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

Arabic HL Yr2 (Grade 12)

Arabic HL Yr 2 (IB) is the second year of a two-year course, for students with Advanced Proficiency level of Arabic. It focuses on the development of students' communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. While acquiring a language, students will explore the culture(s) connected to it. The class is conducted entirely in Arabic and requires the student to be an independent and highly motivated learner. Students in this level will be able to discuss a topic in writing and speaking about cultural differences between Arabic speaking countries and other parts of the world in the target language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

CHINESE, MANDARIN AB INITIO SL YR IB
CHINESE, MANDARIN AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB509211, IB509212**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

Chinese, Mandarin Ab Initio Yr1 (Grade 11)

Mandarin Chinese ab initio year I course is an entry-level course, no pre-requirement. The purpose for this course is for DP students with opportunities to practice and explore the beginning level Mandarin Chinese as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a range of everyday situations. Mandarin Chinese ab initio is available at Standard Level only. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Chinese, Mandarin Ab Initio Yr2 (Grade 12)

Mandarin Chinese ab initio year 2 course is a novice mid/high level course, which requires students to finish Mandarin Chinese ab initio year I. The purpose for this course is for DP students with opportunities to practice and explore the second year Mandarin Chinese as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a range of contexts and for a variety of purposes. Mandarin Chinese ab initio is available at Standard Level only. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

CHINESE, MANDARIN SL/HL YR1 IB
CHINESE, MANDARIN SL YR2 IB
CHINESE, MANDARIN HL YR2 IB

School(s): **Huron**

Course #: **IB509200, IB509201, IB509202**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Chinese, Mandarin II	**APPROVED**

Chinese, Mandarin SL/HL Yr1 (Grade 11)

Chinese, Mandarin SL/HL Yr l (IB) is the first year of a two-year course, for students with an intermediate proficiency level of Mandarin. Through the development of receptive, productive and interactive skills, students should be able to develop mastery of Chinese language skills and intercultural understanding. The core topics are Communication and media, Global issues, and Social relationships. The option topics are: Customs and traditions, and Leisure, etc. This course also prepares students for the DP internal and external assessments. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Chinese, Mandarin SL Yr2 (Grade 12)

Chinese, Mandarin SL Yr 2 (IB) is the second year of a two-year course, for students with an Intermediate /advanced proficiency level of Mandarin Chinese. Through the development of receptive, productive and interactive skills, students should be able to develop Chinese skills through the study and use of a range of written and spoken authentic materials. Such materials will extend from everyday oral exchanges to literary texts, and will be related to Chinese culture(s). The core topics are: Communication and media, Global issue and Social relationships. The option topics are: Customs and traditions, and Cultural diversity, etc. This course also prepares students for the DP internal and external assessments. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

Chinese, Mandarin HL Yr2 (Grade 12)

Chinese, Mandarin HL Yr 2 (IB) is the second year of a two-year course, for students with Advanced Proficiency level of Mandarin Chinese. There is a common syllabus at SL and HL (with literature as an additional component of the HL course). The authentic materials are chosen to enable students to master high level language skills and intercultural understanding. The differences between SL and HL are determined by the assessment objectives, the depth and breadth of syllabus coverage, the assessment details, the assessment criteria, and literature coverage. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

FRENCH AB INITIO SL YR1 IB
FRENCH AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB501101, IB501102**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

French Ab Initio Yr1 (Grade 11)

French ab initio year 1 course is a novice low-high level course, no pre-requirement. The purpose for this course is for DP students with opportunities to practice and explore the beginning level French as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations. French ab initio is available at SL only. The topics are: Who am I?, Daily Routine, Gastronomy (art of food), Getting there, Getting around, Health, and Free time activities. This course satisfies the Group 2: Language Acquisition requirement for the IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. Students enrolled in the Ab Initio languages do not need to have any prior experience with the language.

French Ab Initio Yr2 (Grade 12)

French ab initio year 2 course is a Novice Mid/high level course, which requests students to finish ab initio year 1. The purpose for this course is for DP students with opportunities to practice and explore the third year of French as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations. French ab initio is available at SL only. The topics are: What is “la Francophonie” ?, la musique, La technologie, and l’environnement. This course satisfies the Group 2: Language Acquisition requirement for the IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan.

FRENCH SL/HL YR1 IB
FRENCH SL YR2 IB
FRENCH HL YR2 IB

School(s): **Huron**

Course #: **IB509300, IB509301, IB509302**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	World Language	French II	**APPROVED**

French SL/HL Yr1 (Grade 11)

French SL/HL Yr 1 (IB) is the first year of a two-year course that approaches the learning of French through culturally contextualized units. Through the study of thematic units students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During this first year course all students will read an authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

French SL Yr2 (Grade 12)

French SL Yr 2 (IB) is the second year of a two-year course. The French SL/HL (IB) class approaches the learning of French through culturally contextualized units. Through the study of thematic units students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During this second year of the two-year course all students will read an authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

French HL Yr 2 (Grade 12)

French HL Yr 2 (IB) is the second year of a two-year course. The French SL/HL (IB) class approaches the learning of French through culturally contextualized units. Through the study of thematic units students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During the course of this second year students will read another authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

GERMAN AB INITIO SL YR1 IB
GERMAN AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB502101, IB502102**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language		**APPROVED**

German Ab Initio Yr1 (Grade 11)

German ab initio ("from the beginning") year 1 course designed for 11th grade students who are enrolled in the Full IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. Students enrolled in the Ab Initio languages do not need to have any prior experience with the language. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German Ab Initio Yr2 (Grade 12)

German ab initio ("from the beginning") year 2 course designed for 12th grade students who are enrolled in the Full IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

GERMAN SL/HL YR1 IB
GERMAN SL YR2 IB
GERMAN HL YR2 IB

School(s): **Huron**

Course #: **IB509400, IB509401, IB509402**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	World Language	German II	**APPROVED**

German SL/HL Yr1 (Grade 11)

German SL/HL Yr1 (IB) is the first year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German SL Yr2 (Grade 12)

German SL Yr2 (IB) is the second year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German HL Yr2 (Grade 12)

German HL Yr2 (IB) is the second year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

SPANISH SL/HL YR1 IB
SPANISH SL YR2 IB
SPANISH HL YR2 IB

School(s): **Huron**

Course #: **IB509600, IB509601, IB509602**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Spanish II	**APPROVED**

Spanish B SL/HL Yr1 (Grade 11)

Spanish SL/HL Yr 1 (IB) is the first year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of core and options themes students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. During the course of this first year students will read an authentic piece of Spanish-language literature. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. The entire course will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Students must complete Spanish B SL/HL Yr1 in Grade 11 before taking Spanish B SL or HL Yr2 in Grade 12.

Spanish B SL Yr2 (Grade 12)

Spanish SL Yr 2 (IB) is the second year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of core and options themes students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. The entire course will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students

Spanish B HL Yr 2 (Grade 12)

Spanish HL Yr 2 (IB) is the second year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of core and options themes students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. During the course of this second year students will read another authentic piece of Spanish-language literature. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. The entire course will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

International Baccalaureate (IB)

BUSINESS AND MANAGEMENT SL IB

School(s): **Huron**

Course #: **IB619100**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5		None	

Business and Management SL (IB) is intended to help students develop their understanding of the fundamental concepts of Business and management. The course will cover all of the business and management related standards adopted by the State of Michigan. This course is intended for 11th and 12th grade students. The performance expectations of the course will focus on business and management practices such as; employing information management techniques and strategies to assist in decision-making, planning and time management, managing customer relationships, understanding day-to-day business activities, risk management strategies, human resources, and operational and functional aspects of management. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

An integral part of the program is an opportunity for participating in a student professional organization (DECA/BPA).

This is a State-Approved CTE course. Students are eligible, upon successful completion of this program (2 semesters or at least 2 trimesters), to substitute this course for the following graduation credits:
1 credit of World Language
1 credit of Science
Through a personal curriculum a State-Approved CTE course may substitute for a VPAA credit.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

GLOBAL POLITICS SL IB

School(s): **Huron**

Course #: **IB209300**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	US Government & Economics	None	**APPROVED**

Global Politics SL (IB) allows students to explore basic fundamental political concepts. It is designed for students to develop an understanding of the local, national, international, and global dimensions of political activity and processes, as well as to explore political issues affecting their own lives. The course is intended for 11th and 12th grade students, and will serve as a component of the IB Diploma Program. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

HISTORY SL IB

School(s): **Huron**

Course #: **IB209101**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	US History & Geog	None	**APPROVED**

The History SL (IB) course is based on a comparative and multi-perspective approach to history. It is evidence-based and involves a rigorous exploration of the past with an emphasis on developing the thinking, writing and research skills of historians. The course examines topics in modern US History viewed through a global lens. Case studies include: World War2, US Civil Rights Movement, Apartheid in South Africa, Cold War, Vietnam War.

The content of this course will cover all the Michigan High School Social Studies Content Expectations for US History and Geography. The course also satisfies the Group 3: Individual and Societies requirement for full IB Diploma students.

International Baccalaureate (IB)

HISTORY HL YR 1 IB
HISTORY HL YR 2 IB

School(s): **Huron**

Course #: **IB209200, IB209201**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	US History & Geog	None	**APPROVED**

History HL Yr1 (Grade 11)

The History HL Yr1 (IB) is the first year of a two-year course that is based on a comparative and multi-perspective approach to history. It is evidence-based and involves a rigorous exploration of the past with an emphasis on developing the thinking, writing and research skills of historians. The course examines topics in modern US History viewed through a global lens. Case studies include: World War2, US Civil Rights Movement, Apartheid in South Africa, Cold War, Vietnam War.

The content of this course will cover all the Michigan High School Social Studies Content Expectations for US History and Geography. This course satisfies the Group 3: Individual and Societies requirement for full IB Diploma students. Students will move on to History HL Yr2 after taking this course.

History HL Yr2 (Grade 12)

The History HL Yr2 (IB) course is the second year of a two-year course focused on the craft of being historians as we dive deep into different topics in European History. We will develop our writing, debating and critical analysis skills. Case studies include: The French Revolution and Napoleon, Imperial Russia, revolution, and the establishment of the Soviet Union, Inter-war domestic developments in European States, and lastly, the Soviet Union and Post-Soviet Russia. All case studies will be aligned with the Diploma Programme's prescribed topic guide and meant to prepare students for the DP History HL test. Most importantly we will practice empathy for people through space and time in the hopes of learning something about the human experience and ourselves. This course satisfies the Group 3: Individual and Societies requirement for full IB Diploma students.

PSYCHOLOGY SL IB

School(s): **Huron**

Course #: **IB209400**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5		None	**APPROVED**

The Psychology SL (IB) course aims are to teach the students major principles in the field of Psychology, to understand research methods, and to educate students about human behavior and cognition. The course content will focus on biological, cognitive and sociocultural levels of analysis through the evaluation of research studies and theories. Students will also conduct an experiment and write a report on findings. They will also explore one of the following research topics in depth: abnormal psychology, developmental psychology, health psychology, psychology of human relationships. The goal of the course is to teach students how to be critical thinkers, analyze research, explore research methods and to understand the relationship between biopsychosocial events and our behaviors and mental processes. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

International Baccalaureate (IB)

BIOLOGY SL/HL YR1 IB
BIOLOGY SL YR2 IB
BIOLOGY HL YR2 IB

School(s): **Huron**

Course #: **IB409100, IB409101, IB409102**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5		Biology IB or Biology	**APPROVED**

Students electing the following three courses participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include multiple choice short answer and extended response questions that require analysis of data and experimental work.

Biology SL/HL Yr1 (Grade 11)

Biology SL/HL Yr1 (IB) is the first year of a two-year course that is intended to help students develop their understanding of the fundamental concepts of biology. This course will deepen and add breadth to the knowledge and practices that are included in the Next Generation Science Standards (NGSS) and will address all expectations of the International Baccalaureate Organization. This two year course is intended for students to begin in grade 11 and will proceed with the expectation that students are proficient with the content addressed in the Biology, Chemistry 1, Physics 1, Earth Science sequence. It will serve as a continuation of the Biology 1 course, building on the content and skills acquired in 9th grade. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Biology SL/HL Yr2 (Grade 12)

Biology SL Yr2 (IB) is the second year of a two-year course that is intended to help students develop their understanding of the fundamental concepts of biology. This course will deepen and add breadth to the knowledge and practices that are included in the Next Generation Science Standards (NGSS) and will address all expectations of the International Baccalaureate Organization. This two year course is intended for students to begin in grade 11 and will proceed with the expectation that students are proficient with the content addressed in the Biology, Chemistry 1, Physics 1, Earth Science sequence. It will serve as a continuation of the Biology 1 course, building on the content and skills acquired in 9th grade. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

CHEMISTRY SL/HL YR1 IB
CHEMISTRY SL YR2 IB
CHEMISTRY HL YR2 IB

School(s): **Huron**

Course #: **IB409200, IB409201, IB409202**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	Science Elective	Chemistry I	**APPROVED**

Students electing the following three courses participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include multiple choice short answer and extended response questions that require analysis of data and experimental work.

Chemistry SL/HL Yr1 (Grade 11)

Chemistry SL/HL Yr1 (IB) is the first year of a two-year course intended to help students develop their understanding of the fundamental concepts of chemistry. The course will deepen student understanding and add breadth to the chemistry-related physical science standards adopted by the State of Michigan in 2015. This course is intended for 11th grade students and follows the MYP Biology/Chemistry/Physics, and Earth Science sequence. It will provide a rigorous student experience that will prepare students for college level science courses. This course will also meet the requirements of the International Baccalaureate. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course has a significant amount of time allocated to laboratory experiments. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Chemistry SL/HL Yr2 (Grade 12)

Chemistry SL Yr 2 (IB) is the second year of a two-year course intended to help students develop their understanding of the fundamental concepts of chemistry. The course will deepen student understanding and add breadth to the chemistry-related physical science standards adopted by the State of Michigan in 2015. This course is intended for 12th grade students and follows the MYP Biology/Chemistry/Physics, and Earth Science sequence. It will provide a rigorous student experience that will prepare students for college level science courses. This course will also meet the requirements of the International Baccalaureate. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

COMPUTER SCIENCE SL/HL YR1 IB
COMPUTER SCIENCE SL YR2 IB
COMPUTER SCIENCE HL YR2 IB

School(s): **Huron**

Course #: **IB309400, IB309401, IB309402**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5		Successful completion of Algebra I	**APPROVED**

Computer Science SL/HL Yr1 (Grade 11)

Computer Science SL/HL Yr1 is the first year of a two-year course that encourages the exploration of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. IBCS is engaging, accessible, inspiring and rigorous. It has the following characteristics. As part of the course, students will be enabled and empowered to develop innovation, exploration and the acquisition of further knowledge. The curriculum will present opportunities to explore and discuss how technology interacts and influences cultures, societies both at the collective and individual level.

Computational thinking - the ability to think procedurally, logically, concurrently, abstractly, recursively and think ahead - is woven throughout the course. The course itself utilizes an experimental and inquiry-based approach to problem-solving where students develop computational solutions to problems by developing algorithms (and express them clearly) and appreciate how theoretical and practical limitations affect the extent to which problems can be solved computationally. The abilities of identifying a problem (or unanswered question), design, prototype and test a proposed solution and ultimately liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments are also developed throughout the course as part of the design cycle. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Computer Science SL/HL Yr2 (Grade 12)

Computer Science SL Yr2 (IB) is the second year of a two-year course. The course encourages the exploration of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. IBCS is engaging, accessible, inspiring and rigorous. It has the following characteristics. As part of the course, students will be enabled and empowered to develop innovation, exploration and the acquisition of further knowledge. The curriculum will present opportunities to explore and discuss how technology interacts and influences cultures, societies both at the collective and individual level.

Computational thinking - the ability to think procedurally, logically, concurrently, abstractly, recursively and think ahead - is woven throughout the course. The course itself utilizes an experimental and inquiry-based approach to problem-solving where students develop computational solutions to problems by developing algorithms (and express them clearly) and appreciate how theoretical and practical limitations affect the extent to which problems can be solved computationally. The abilities of identifying a problem (or unanswered question), design, prototype and test a proposed solution and ultimately liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments are also developed throughout the course as part of the design cycleThis course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

ENVIRONMENTAL SYSTEMS AND SOCIETIES SL/HL IB
ENVIRONMENTAL SYSTEMS AND SOCIETIES HL IB

School(s): **Huron**

Course #: **IB409400, IB409401**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	Earth Science		**APPROVED**

Students electing the following course participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include short answer and extended response questions that require analysis of data and experimental work.

Environmental Systems and Societies SL (IB) is an interdisciplinary course that studies the interaction of humans and the environment. The students will gain the knowledge and understanding of environmental systems and issues on a variety of levels. Environmental issues will be studied on personal, local and global levels, this will help students develop an awareness of environmental issues, make future environmental decisions and be motivated to be stewards for the environment. This course can satisfy the Group 4: Sciences *or* Group 3: Individuals and Societies requirement requirement for Full IB Diploma students.

PHYSICS SL/HL YR1 IB
PHYSICS SL YR2 IB
PHYSICS HL YR2 IB

School(s): **Huron**

Course #: **IB409300, IB409301, IB409302**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5		Physics 1	**APPROVED**

DP Physics is an experimental science course in which students examine various aspects of the nature of the universe. The themes of Space and Time, the Particulate Nature of Matter, Wave Behavior, Fields, and Nuclear and Quantum Physics weave throughout the two-year course. Students will build and refine models through the use of data analysis and other mathematical methods. This course satisfies the Group 4: Sciences requirement for the Full IB Diploma students.

Physics SL/HL Yr1 (Grade 11)

Physics SL/HL Yr1 (IB) is the first year of a two-year course. 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. Models are developed to try to understand observations, and these models can become theories that attempt to explain the observations. Besides helping us better understand the natural world, physics gives us the ability to alter our environments. This raises the issue of the impact of physics on society, the moral and ethical dilemmas, and the social, economic and environmental implications of the work of physicists. By studying physics 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 subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Physics SL/HL Yr2 (Grade 12)

Physics SL Yr2 (IB) is the second year of a two-year course. 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. Models are developed to try to understand observations, and these models can become theories that attempt to explain the observations. Besides helping us better understand the natural world, physics gives us the ability to alter our environments. This raises the issue of the impact of physics on society, the moral and ethical dilemmas, and the social, economic and environmental implications of the work of physicists. By studying physics 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 subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

MATH ANALYSIS AND APPROACHES SL YR1 IB
MATH ANALYSIS AND APPROACHES SL YR2 IB

School(s): **Huron**

Course #: **IB309220, IB309221**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	Math Elective	see Math Sequence chart for Huron	**APPROVED**

Math Analysis and Approaches SL Yr1

The Analysis and Approaches SL (Yr 1) is the first year of a two year course that focuses on analytic methods with an emphasis on calculus - appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or some economics courses. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Math Analysis and Approaches SL Yr2

This course will build upon the content of the Yr. 1 course. The Analysis and Approaches SL (Yr 2) is the second year of a two year course that focuses on analytic methods with an emphasis on calculus and statistics - appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or some economics courses. Students will be engaged in an internal and external assessment during year 2 of the course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

MATH ANALYSIS AND APPROACHES HL YR1 IB
MATH ANALYSIS AND APPROACHES HL YR2 IB

School(s): **Huron**

Course #: **IB309320, IB309321**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	Math Elective	see Math Sequence chart for Huron	**APPROVED**

Math Analysis and Approaches HL Yr1

The Analysis and Approaches HL (Yr. 1) and SL (Yr 1) are the first year of a two-year course that focuses on analytic methods with an emphasis on calculus - appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or some economics courses. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students as well as prepares students for the AP Calculus BC exam.

Math Analysis and Approaches HL Yr2

This course will build upon the content of the Yr. 1 course. Analysis and Approaches HL (Yr. 2) is the second year of a two year course that focuses on analytic methods with an emphasis on statistics - appropriate for pure mathematicians, engineers, scientists, economists, those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or some economics courses. Students will be engaged in an internal and external assessment during year 2 of this course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

MATH APPLICATIONS AND INTERPRETATION SL YR1 IB
MATH APPLICATIONS AND INTERPRETATION SL YR2 IB

School(s): **Huron**

Course #: **IB309210, IB309211**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	Algebra 2 Credit after 3 semesters Math Elective	see Math Sequence chart for Huron	**APPROVED**

Math Applications and Interpretation SL Yr1 (Grade 11)

The Applications and Interpretation SL (Yr. 1) is the first year of a two year course that focuses on Applications and Interpretation with an emphasis on geometric applications in 2D and 3D space, introduction to statistics, modeling with linear functions, and use of technology - appropriate for those with an interest in the applications of mathematics and how technology can support this. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, some economics courses, psychology, and design. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Math Applications and Interpretation SL Yr2

The Applications and InterpretationSL (Yr. 2) is the second year of a two year course that focuses on Applications and Interpretation with an emphasis on probability and statistics, power and trigonometric functions, differential calculus, integration, and use of technology - appropriate for those with an interest in the applications of mathematics and how technology can support this. Students will be engaged in an internal and external assessment during year 2 of the course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

MATH APPLICATIONS AND INTERPRETATION HL YR1 IB
MATH APPLICATIONS AND INTERPRETATION HL YR2 IB

School(s): **Huron**

Course #: **IB309310, IB309311**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	Math Elective	see Math Sequence chart for Huron	**APPROVED**

Math Applications and Interpretation HL Yr1

Applications and Interpretation HL (Yr. 1) is the first year of a two year course that focuses on Applications and Interpretation with an emphasis on statistics, modeling, and use of technology. This course is appropriate for those with an interest in the applications of mathematics and how technology can support this. This course is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, economics, psychology, or design.

Year one of the course focuses on Functions, Trigonometry, Probability and Statistics. Some time will also be allocated to preparing for the internally assessed exploration that will be written in Year two of the course. Completion of both years of this course satisfies the Group 5: Mathematics requirement for Full IB Diploma students

Math Applications and Interpretation HL Yr2

Applications and Interpretation HL (Yr. 1) is the first year of a two year course that focuses on Applications and Interpretation with an emphasis on statistics, modeling, and use of technology. This course is appropriate for those with an interest in the applications of mathematics and how technology can support this. This course is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, economics, psychology, or design.

Year two of the course focuses on Calculus, as well as a culminating internally assessed mathematical exploration. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. Completion of both years of this course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

FILM SL/HL YR 1 IB
FILM SL YR 2 IB
FILM HL YR 2 IB

School(s): **Huron**

Course #: **IB109300, IB109301, IB109302**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	English Elective		

Film SL/HL Yr1 (Grade 11)

This is the first year of a two-year course. This two-year course aims to develop both a keen, inquiry-based appreciation and deep understanding of the art of cinema. In year one, international cinema across multiple genres will be examined and thoroughly analyzed through the lens of cultural, historical, technical, and aesthetic perspectives. The emphasis in year two shifts to film production, where students will be expected to apply their knowledge of film concepts, techniques, and influences in a collaborative, inquiry-based creative environment. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Students in 12th grade that wish to take Fim SL/HL Year 1 can do so as an English elective course but will not be eligible for IB assessments that come at the end of the two-year experience.

Film SL Yr2 and Film HL Yr2 (Grade 12)

This course is the second year of a two-year course. The primary focus of DP Film II is film production, including the inquiry-based Film Portfolio (internal assessment) and HL Collaborative Project (internal assessment). Students will take a deep dive into several key roles of a film crew, including (but not limited to) screenwriter, director, cinematographer, sound designer, and editor. Students will shoot various exercises to gain experience in the various roles, as well as create and produce their own original projects in a collaborative, inquiry-based creative environment. Throughout the year, students will also continue to both analyze and synthesize film as they finish their work on the two required external assessments (Textual Analysis and Comparative Study). This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

VISUAL ARTS SL/HL YR1 IB
VISUAL ARTS SL YR2 IB
VISUAL ARTS HL YR2 IB

School(s): **Huron**

Course #: **IB719100, IB719101, IB719102**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 year each (2 year course)	1.0 per year	VPAA	Art & Design	

This is a two-year course.

Visual Arts SL/HL Yr1 (Grade 11)

The Visual Arts SL/HL Yr1 is the first year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher order thinking and reflection amongst students, while at the same time developing heightened technical ability in multiple media. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to experiment with and reflect upon their work in multiple mediums. The course is designed for students who have an interest in post-secondary visual arts as well as those who are interested in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Visual Arts SL Yr2 (Grade 12)

Visual Arts SL Yr2 (IB) is the second year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher order thinking and reflection amongst students, while at the same time developing heightened technical ability in multiple media. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to experiment with and reflect upon their work in multiple mediums. The course is designed for students who have an interest in post-secondary visual arts as well as those who are interested in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Visual Arts HL Yr2 (Grade 12)

Visual Arts HL Yr2 (IB) is the second year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher order thinking and reflection amongst students, while at the same time developing heightened technical ability in multiple media. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to experiment with and reflect upon their work in multiple mediums. The course is designed for students who have an interest in post-secondary visual arts as well as those who are interested in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Magnet Program at Skyline

BUSINESS, MARKETING & INFORMATION TECHNOLOGY (BMIT): Students explore the dynamics of business, marketing, and entrepreneurship within a global society. Students study production, distribution, and consumption of goods and services. They use key technology applications, like information management systems, graphics, and web design to connect local and global markets through business planning, management, marketing, advertising.

BUSINESS LEADERSHIP CAPSTONE AND RESEARCH

School(s): **Skyline**

Course #: **631051**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5		Business Principles, New Venture Planning, Marketing Education	

Students will be actively engaged in learning with the utilization of Virtual Enterprise (VE), a simulated business in which the students will become employees in a company that they will start and run throughout the year. The simulated business will function like a real business in both structure and practice. Students will become employees in the company and work in one or more of the departments in their VE organization where they will be exposed to functions and skills that are incorporated in actual successful businesses. As an "employee" of your virtual business, you will be accountable for the firm's performance. Students will conduct market research, develop a business plan and an annual report, pay and receive wages through an online banking system, pay taxes, and may even maintain a retirement savings account, such as a tax deferred annuity (TDA/401K) account.

With emphasis on college and career readiness, VEI offers a competitive edge through project-based, collaborative learning and the development of 21st Century skills in entrepreneurship, global awareness, problem-solving, communication, financial literacy and technology.

This is a State-Approved CTE course. Students are eligible, upon successful completion of this program (2 semesters or at least 2 trimesters), to substitute this course for the following graduation credits:
1 credit of World Language
1 credit of Science
Through a personal curriculum a State-Approved CTE course may substitute for a VPAA credit.

BUSINESS PRINCIPLES & MANAGEMENT (MAGNET)

School(s): **Skyline**

Course #: **631011**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

Provides a broad study and analysis of the philosophy, language and environment of business. It introduces students to contemporary business principles, practices, and ethics. Students will understand legal knowledge as it relates to their roles as citizens, consumers, employers, and future business leaders. The curriculum will address the basics of marketing, management, accounting, and entrepreneurship using technology (including Microsoft Office) to apply these skills. Students will also explore various business related careers.

Magnet Program at Skyline

MARKETING EDUCATION (MAGNET)

School(s): **Skyline**

Course #: **613031**

Grade(s): **10, 11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year 2 Trimesters	.5	English Elective	None	

This course is designed to prepare students for entry-level occupations in marketing, management, and entrepreneurial ventures. The class also prepares students wishing to major in business administration in college. Students who enjoy learning by doing will have fun with the numerous skits and role-plays used to teach marketing skills and concepts. This course addresses the following seven career pathways: Management & Entrepreneurship, Professional Sales & Marketing, Buying & Merchandising, Advertising & Promotion, Marketing Information Management & Research, Distribution & Logistics, and E-Marketing. The marketing curriculum incorporates multimedia lessons, class sales and promotion projects, and a hands-on virtual business retailing simulation that teaches the importance of pricing, advertising, purchasing, merchandising, and market research.

This course is meant to complement and enhance the Marketing COE Course and is a prerequisite for Marketing COE. All participating students earn college credits they can apply at Washtenaw Community College. An integral part of the program at Skyline is an opportunity for participation in a student professional organization (DECA).

***Skyline 10th and 11th grade BMIT ONLY**

ENTREPRENEURSHIP (MAGNET)

School(s): **Skyline**

Course #: **631021**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Business Principles	

Examines the essential elements of starting and growing a new business within the context of the 21st century and the triple bottom line theory. Students acquire skills in assessing business opportunities, crafting of entrepreneurial strategies, development of comprehensive business plans, funding of start-up operations and management of rapid growth, all in preparation to launch and manage successful new ventures. Case analysis enables students to practice strategic decision-making for a variety of start-up scenarios, and course learning is applied through creation of a detailed business plan for a new business venture. Students will use many different software applications to create their documents including a final technology-based presentation.

COMMUNICATION, MEDIA & PUBLIC POLICY (CMPP): Join a group of dynamic and compassionate students using technology and multimedia to promote the common good in public policy. Students develop the critical thinking, communication, media literacy, and digital production skills required for success in college and the workplace. Students apply these skills by completing real projects, solving real problems, and working with real nonprofit clients.

BROADCAST COMMUNICATION

School(s): **Skyline**

Course #: **222021**

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Public Policy and the Media	

This course covers the practical and legal aspects of mass communication. Students use multimedia projects as a basis for learning how to successfully navigate through the broadcast communication process. Students gain expertise in federal guidelines for the broadcasting industry. Students examine the impact of communication law as it relates to the copyrights and the Internet, as well as constitutional guarantees of freedom of speech. Students apply their knowledge of these regulations to examine what public interests are served by current regulations and public policy issues resulting from the gap between technological advances and current regulations. Students will also use their policy and production knowledge to create short feature films for a wider audience.

DIGITAL MEDIA & EFFECTIVE COMMUNICATION

School(s): **Skyline**

Course #: **222031**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Public Policy Internship	

This project-based course provides an opportunity to apply knowledge of public policy, media literacy, multimedia production, and broadcast communication law to the delivery of audio and video information over the Internet. Students work collaboratively to create professional quality podcasts and video-on-demand. Student teams use public policy analysis as a foundation for developing issue-focused Internet based projects.

FILM MAKING, DOCUMENTARY I

School(s): **Skyline**

Course #: **222041**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

This course focuses on the basic skills related to nonfiction film making including idea generation, and researching and writing, narration and interviewing skills for a specific project. The course covers the initial steps of film production including creating and pitching a treatment to scheduling and budgeting.

FILM MAKING, DOCUMENTARY II

School(s): **Skyline**

Course #: **222042**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Film Making, Documentary I	

This course is a practicum in filming and post-production focusing on continuity, refining dramatic structure and incorporating music and sound effects to produce a clear, dramatic documentary.

MULTIMEDIA PRODUCTION

School(s): **Skyline**

Course #: **222011**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Public Policy, Introduction to	

This project-based course covers every stage of the audio and video production process including planning, production (scripting, storyboarding, framing, lighting, and audio techniques) and editing (including special effects, titles, and credits). Students also learn how to use and care for professional quality camera, audio, and lighting equipment. Students use their knowledge of public policy analysis, media literacy, and multimedia production to raise awareness about a current problem or policy issue.

PUBLIC POLICY AND THE MEDIA

School(s): **Skyline**

Course #: **221021**

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	US Government	Multimedia Production	

This course involves the study of media literacy with a focus on the accessing, analyzing, evaluating, and creating messages in a variety of forms. Students apply policy analysis skills to the analysis of form and content of media messages. The course also includes an in-depth examination of the media's function and role in the political process. Students learn about the relationship between the media and public policy and, in the process, improve their visual, media, critical thinking and information literacies.

PUBLIC POLICY INTERNSHIP

School(s): **Skyline**

Course #: **221053**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Broadcast Communication	

Students complete a comprehensive public policy analysis project and use multimedia technology to communicate the results of the analysis. Students working independently on a current policy issue will define a problem, investigate the problem, identify solutions, recommend solutions and evaluate effectiveness. Students will complete the work associated with pre-production, production and post-production required to produce a professional quality multimedia project to raise awareness about the issue. All students are expected to demonstrate proficiency in each of the creative steps required for successful production. Student work will be showcased and evaluated by a panel of local policy experts

PUBLIC POLICY RESEARCH

School(s): **Skyline**

Course #: **225011**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Digital Media & Effective Communication	

Students complete a comprehensive public policy analysis project and use multimedia technology to communicate the results of the analysis. This course gives students an opportunity to complete a comprehensive policy analysis project and use multimedia technology to communicate the results of the analysis. Students, working independently or on behalf of a local non-profit client, will define a problem, investigate the problem, identify solutions, recommend solutions and evaluate effectiveness. Students will complete the work associated with pre-production and post-production phases required to produce a professional quality multimedia project for the client.

PUBLIC POLICY, INTRODUCTION TO

School(s): **Skyline**

Course #: **221011**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

This project-based course introduces the concept of public policy. Public policies are the regulations, decisions and actions of government that affect everyone's lives. Students gain expertise in using a systematic process to examine real-world public policy issues. Case studies related to individual rights, healthy families, cultural diversity or a sustainable environment provide the basis for policy analysis projects. Students use a combination of independent work and teamwork to gather information about the public policy issue, analyze the information and consider solutions to the issue.

SKYLINE TV NEWS

School(s): **Skyline**

Course #: **103047**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 term	0.5		None	

This course gives students the opportunity to create video versions of Skyline announcements and other news segments that air during the weekly Skytime class. Regular video segments include Skyline Announcements, Skyline Sports, School Events, CMPP Policy Issues, club meetings, current events and Student Action Senate news. Students learn pre-production (developing a treatment, storyboard and shotlist), production (shooting video) and post-production (editing) using professional quality equipment. Students work as a team of directors, producers, talent writers, camera and audio to produce each edition of the Skyline News.

Experience in Final Cut Pro is recommended but not required.

Magnet Program at Skyline

DESIGN, TECHNOLOGY, ENGINEERING & PROGRAMING (DTEP): Students explore innovations that change and shape our human world. They apply science, technology, engineering, and mathematics to find practical solutions for real-world issues. Through hands-on, problem-solving activities, students will understand how technology and society affect each other. Utilizing computer design, prototyping, and modeling systems students focus on technological innovations for an environmentally sustainable society.

ENGINEERING DESIGN

Project Lead The Way

School(s): **Skyline**

Course #: **671012, 671013**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Trimesters	0.5	Math Elective (0.5 per term) or VPAA: Art (0.5 per term)	None	

This course uses problem-solving skills to explore creative designs and alternative solutions for problems facing our world today by using a design system approach. Students will design, analyze, and communicate possible solutions to a variety of environmental and technological problems. 3-dimensional models will be created using solid modeling computer design software. Possible tools include laser engraving and rapid prototyping.

This course may be taken as an elective by all Skyline students. College credit may be articulated with the National Affiliate/PLTW Exemplary Student Recognition program.

ENGINEERING CAPSTONE

Project Lead The Way

School(s): **Skyline**

Course #: **671042, 671043, 671044**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5		DESIGN, TECHNOLOGY, ENGINEERING & PROGRAMING (DTEP) Magnet Student	

Students work in teams to identify, research, design and construct a solution to an open-ended engineering problem, with its environmental impact in mind. Students apply principles developed in the three preceding courses and are guided by a community mentor. Teams present progress reports, submit a final written report, and defend their solutions to a panel of outside reviewers at the end of the school year.

ENGINEERING, PRINCIPLES OF

Project Lead The Way

School(s): **Skyline**

Course #: **671027, 671028**

Grade(s): **10, 11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Trimesters	0.5	Math Elective (0.5 per term)	Engineering Design	

This course provides an overview of the field of engineering and engineering technology. By exploring various technology systems and manufacturing processes, students learn how the engineering problem-solving process uses math, science and technology to benefit society. A product's entire life cycle will be analyzed to help address concerns about its environmental, social, and political consequences. Possible areas of interest include alternative energy, waste management, transportation, aerodynamics, material analysis, and construction.

*Offered as CTE elective sequence of Engineering & Design course.

This course may be taken as an elective by all Skyline students.

College credit may be articulated with the National Affiliate/PLTW Exemplary Student Recognition program.

Magnet Program at Skyline

COMPUTER INTEGRATED MANUFACTURING

Project Lead The Way

School(s): **Skyline**

Course #: **614060**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 trimesters	0.5		Engineering Design	

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system.

COMPUTER SCIENCE A, AP
COMPUTER SCIENCE A*

School(s): **Skyline**

Course #:
614047, 614048
614049, 614050

Grade(s): **9**, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5	Math Elective	Computer Science Principles Or Prior experience in programming	**APPROVED**	**Yes**

This course is meant to build upon the skills developed in the Computer Science Principles course. Using primarily the Java programming language as tested by the College Board on the Advanced Placement Test, students will experience a rigorous exploration of the theory and associated techniques of object-oriented computer programming. Topics will include: 1) The history and development of the object-oriented approach to computer software engineering; 2) How to utilize the object-oriented aspects of a programming language to achieve its full potential as a programming tool; 3) Conditional, looping, arrays, sorting and searching, recursion, and algorithm complexity are covered; 4) Future developments in object-oriented programming languages and computer programming in general. Other languages and environments may be included as well. Significant out-of-class programming time should be expected.

****9th Graders must have teacher approval**

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

This is a State-Approved CTE course. Students are eligible, upon successful completion of this program (2 semesters or at least 2 trimesters), to substitute this course for the following graduation credits:
1 credit of Math
1 credit of Science
Through a personal curriculum a State-Approved CTE course may substitute for a VPAA credit.

Per College Board policy, the course designation of “AP” will not appear on middle school transcripts.

Professional Certification(s): Information Technology Specialist - Java | Certiport

COMPUTER SCIENCE PRINCIPLES
COMPUTER SCIENCE PRINCIPLES, AP

School(s): **Skyline**

Course #: **614040, 604044, 614063**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 terms	0.5	Math Elective	Successful completion of Algebra I	APPROVED	Yes

This course introduces the student to the essential ideas of computer science and shows how computing and technology can influence the world around them. The student can pursue interests in digital projects -- like apps, films, games, or music -- that showcase creativity, and use creations to make a difference in your community. The course is designed to be equivalent to a first semester introductory elective college computing course.

Utilizing the concept of computational thinking as a unifying theme, topics covered in this class are the 'Five Big Ideas' of Computer Science and include: Creative Development, Data, Algorithms & Programming, Computer Systems & Networks, Impact of Computing. Approximately 50% of the course will be learning to program in programming languages such as JavaScript, Python, etc.

Professional Certification(s): Information Technology Specialist - Python | Certiport & or Networking | Certiport

COMPUTER SCIENCE: ADVANCED TOPICS IN PROGRAMMING LANGUAGES

School(s): **Skyline**

Course #: **303040**
303041, 303042

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certifications
2 Terms	0.5	Math Elective	Computer Science A OR Proficiency in a Programing Language	APPROVED	

The course is project based and places a heavy emphasis on student choice and individual motivation and accountability. The process for topic selection will be facilitated by the teacher and will be dependent upon available computing resources, student prior experience and interest, and other pertinent factors. This course provides the flexibility for either whole-class instructional units or individual learning modules or a combination of both. In any case, students will complete projects, write about and present their programs/research/results, receive collaborative feedback, and interact with community members where possible.

CYBERSECURITY AP

School Locations: **Skyline**

Course #: **614071, 614072**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status	Professional Certification
2 Terms	0.5		none	APPROVED	YES

Students will develop skills for entry-level networking and cybersecurity positions. They will learn and become proficient in skills related to information and systems security, network security, ethics and laws, and defense/mitigation techniques used in protecting individuals and businesses from cyber threats. The opportunity to test for an industry certification will be offered to students completing the course.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

Students may be eligible to receive college credit for successful completion of this course at Washtenaw Community College through the Articulation program. Students should contact their teacher for more information.

Professional Certification(s): Information Technology Specialist - Cybersecurity | Certiport

Magnet Program at Skyline

HEALTH & MEDICINE (H&M): Students explore global health issues that include medical care, biomedical technology, innovations, research, and preventative health practices. Students partner with practitioners to investigate applications in health, wellness, and medicine. This magnet includes a research and development component.

BIOMEDICAL INNOVATIONS I
BIOMEDICAL INNOVATIONS II
BIOMEDICAL INNOVATIONS III

School(s): **Skyline**

Course #: **871015, 871016, 871017**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term each	0.5		Medical Interventions I & II Health & Medicine Magnet Students only	

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics, such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

BIOMEDICAL SCIENCE, PRINCIPLES OF A
BIOMEDICAL SCIENCE, PRINCIPLES OF B

School(s): **Skyline**

Course #: **871011, 871012**

Grade(s): **9, 10***

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term each	0.5		*10th grade-Health & Medicine Magnet Students only	

These courses provide an introduction to health and medical sciences through "hands-on" projects and problems. Student work involves the study of health, human medicine, and research processes. By investigating the factors that led to the death of a fictional person, students will study the human body systems and various health conditions such as heart disease, diabetes, sickle-cell disease, cholesterol, and infectious diseases. After determining the factors responsible for the death, students investigate the preventative health practices, such as lifestyle choices, healthy schools, healthcare treatment and medical treatments that might have prolonged the person's life. In addition, students will explore the ethical issues, genetics, social conditions, cultural factors and public health policies that may have impacted the person's health and health care.

This course may be taken as an elective by 9th grade Skyline students.

EPIDEMIOLOGY

School(s): **Skyline**

Course #: **871081**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Biology A	

This course provides an introduction to understanding diseases that affect human populations, how we control a disease or outbreak and how we prevent the spread of disease to improve the health of local, state and our nation's populations. The goal of this course is to understand the issues facing our public safety in regards to individuals, clinics, public health, community, and research levels. We will study epidemiology, public health protection, describe the interventions for improving our nation's health that are supported by professional guidelines, describe the responsibilities of persons concerned with disease control, and describe areas of care that need further research.

This course is open to all Skyline students.

HUMAN ANATOMY AND PHYSIOLOGY

School(s): **Skyline**

Course #: **871085**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Biology A	

This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, metabolism, electrolyte balance, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, integumentary, skeletal, muscular, nervous systems, and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships.

*For Anatomy & Physiology, please see Course 406041.

HUMAN BODY SYSTEMS A
HUMAN BODY SYSTEMS B

School(s): **Skyline**

Course #: **871021, 871022**

Grade(s): **10, 11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term each	0.5		Biomedical Science, Principles of I & II Health & Medicine Magnet Students only	

The human body is a complex system requiring care and maintenance. This course will engage students in the study of basic human physiology, especially in relationship to human health. Students will study different global healthcare system practices, and use a variety of procedures and instruments to examine body systems (respiratory, circulatory, nervous, etc.) at rest and under stress, and observe the interactions between these systems. Student work will include conducting research and inquiry experiments in health and medicine as well as socialized factors that exist among communities and populations. Students will use software to design and build systems to monitor body functions in relationship to human health and monitor public health systems. Students will understand that to have a healthy human body it must be maintained and that new technologies have created both medical advances and ethical dilemmas.

MEDICAL INTERVENTIONS A
MEDICAL INTERVENTIONS B

School(s): **Skyline**

Course #: **871031, 871032**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term each	0.5		Human Body Systems I & II Health & Medicine Magnet Students only	

Medical practice includes interventions to support humans in treating diseases and conditions as well as maintaining health. Student projects will investigate various medical interventions that extend and improve quality of life, including gene therapy, pharmacology, surgery, prosthetics, rehabilitation, and supportive care. Students will study the design and development of various medical devices including vascular stints, cochlear implants, and prosthetic limbs. Students will study the care and rehabilitation delivered by the healthcare system professionals. Student work will include conducting research and inquiry experiments in health, medicine and social factors/policies that safely influence health equity. They will research the history of organ transplants and gene therapy, and review current health and medical literature to be aware of cutting edge developments. Using 3-D imaging software and current scientific research, students will design and build a model of a therapeutic protein.

Health & Medicine Magnet Students only.

Magnet Program at Skyline

SCIENCE OF WELLNESS School(s): **Skyline**

Course #: **871063** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

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 USA. Students investigate lifestyle choices and medical treatments, heart-healthy lifestyles, with hopes of reducing their future risk of cardiovascular disease and diabetes. Students will be directly involved in outreach programs delivered to public school students in partnership with The University of Michigan Cardiovascular Center, MFit and Project Healthy Schools.

This course is open to all Skyline students. May be repeated for credit.

Mathematics

Mathematics Course Requirements

During grades 9-12, each student must earn 4 credits by completing a four-year mathematics sequence. Additionally, all students are required to take a mathematics course in their senior year as part of Michigan's enhanced graduation requirements. This may be a dual-enrollment course. Specifically, the Michigan Merit Core requires the 4 credits to include:

- **Algebra I**
- **Geometry**
- **Algebra II**
- **One additional math or math-related class (math elective)**

Students, together with their parents/guardians, are encouraged to discuss options/recommendations from the student's mathematics teacher and counselor to develop a plan of action to assure success. Through open communication, a "best program" can be decided collaboratively, allowing the student to experience the enjoyment of a challenge and the confidence and pride of success in their mathematics ability.

TYPICAL MATHEMATICS SEQUENCES

Students may change levels when appropriate

Community, Huron, Pathways, Pioneer, Skyline

GRADE 8	***GRADE 9***	***GRADE 10***	***GRADE 11***	***GRADE 12***
Grade 8 Math	Algebra I Algebra I, Intensified	Geometry Geometry	Algebra II Option to move to (A), (B) or (E)	**(A)** Precalculus AP **(B)** Explorations in Data Science
Algebra I AC	Geometry	Algebra II Option to move to (J) or (K)	**(J)** Precalculus AP Option to move to (C), (E), or (F) **(K)** Explorations in Data Science Option to move to (E)	**(C)** Calculus, AB, AP **(D)** Calculus, BC, AP
Algebra I AC	Geometry AC Option to move to Alg. 2 (not AC)	Algebra II AC	Precalculus AP Option to move to (C), (E), (F), or (K) Precalculus AP Plus Option to move to (C), (D), (E), (F) or (K)	**(E)** Mathematics / CTE Electives **(F)** Statistics AP

Mathematics

IB Diploma Programme Options at Huron

8th	9th	10th	11th & 12th (Class of 2021 and beyond)
Grade 8 Math	Algebra I Algebra I, Intensified	Geometry	Math Applications & Interpretation SL year 1 and 2
Algebra I AC	Geometry	Algebra II	Math Applications & Interpretation SL year 1 and 2 OR Math Analysis & Approaches SL year 1 and 2
Algebra I AC	Geometry AC	Algebra II AC	Math Analysis & Approaches SL year 1 and 2 OR Math Applications & Interpretation HL year 1 and 2
Geometry AC	Algebra II AC	Precalculus AP	Math Applications & Interpretation HL year 1 and 2
Geometry AC	Algebra II AC	Precalculus AP Plus	Math Applications & Interpretation HL year 1 and 2 OR Math Analysis & Approaches HL year 1 and 2

MATHEMATICS ELECTIVES

MATHEMATICS ELECTIVES

- Calculus
- Calculus AB, AP
- Calculus BC, AP
- Computer Science Principles
- Computer Science A, AP
- Computer Science Principles, AP
- Computer Science, Advanced Topics in Programming
- Explorations in Data Science
- Finance & Statistics
- Math Analytical Thinking
- Precalculus
- Precalculus, AP
- Precalculus, AP Plus
- Statistics
- Statistics, AP

CTE ELECTIVES (see CTE section of the course guide for more details)

- Accounting I & II (.5 credit each)
- Auto Service Technology I & II (.5 credit each)
- Engineering Design (.5 credit)
- Fundamentals of Construction (1.0 credits)
- Homebuilding (.5 credit)
- Hospitality Today (1.0 credit)
- Personal Finance I & II (.5 credit each - must take both semesters)
- Principles of Engineering (.5 credit)

Mathematics

ALGEBRA 1, INTENSIFIED P1
ALGEBRA 1, INTENSIFIED P2

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **301055, 301056, 301057, 301058**
301051, 301052, 301053, 301054

Grade(s): **9, 10, 11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	1.0*	Algebra 1 (0.5) and Math Elective (0.5)	None	**APPROVED**

Algebra I Intensified uses an asset-based approach that builds on students' strengths and helps students to develop academic skills and math-identities by engaging them in the learning experience. The program is designed to help struggling students succeed in catching up to their peers, equipping them to be successful in Algebra I and their future mathematics and science courses.

This course is a two-hour block class.

*At **Skyline and Pathways** *total credit for the year* is 1.5 (Algebra 1.0 credit and Math Elective 0.5 credit).

ALGEBRA I
ALGEBRA I (A)
ALGEBRA I (B)

School(s): **Community, Pathways, Pioneer**

Course #: **301011, 301012, 301013**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Terms-Pathways	0.5	Algebra I	None	**APPROVED**

This course is intended for 9th-grade students. It will serve as an introductory class that will prepare students for upper-level mathematics courses and will meet the State of Michigan graduation requirement for Algebra I. The performance expectations of the course will focus on mathematical practices such as; making sense of problems and persevering to solve them, reasoning abstractly and quantitatively, critiquing the reasoning of others, developing and using models, attending to precision, and making use of structured explanations. The course focuses on the real number system, expressions, equations, inequalities, functions, systems of equations and inequalities, linear, exponential, and quadratic relationships, polynomials, and descriptive statistics.
.
Upon successful completion of Algebra I, students typically elect Geometry.

ALGEBRA I IB

School(s): **Huron**

Course #: **IB301011**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	Algebra I	None	**APPROVED**

Algebra I (IB) is intended to help students develop their understanding of the fundamental concepts of mathematics. The course will cover all of the mathematics standards adopted by the State of Michigan. This course is intended for 9th-grade students. It will serve as an introductory class that will prepare students for upper-level mathematics courses and will meet the State of Michigan graduation requirement for Algebra I. The performance expectations of the course will focus on mathematical practices such as making sense of problems and persevering to solve them, reasoning abstractly and quantitatively, critiquing the reasoning of others, developing and using models, attending to precision, and making use of structure. explanations. The course focuses on the real number system, expressions, equations, inequalities, functions, systems of equations and inequalities, linear, exponential, and quadratic relationships, polynomials, and descriptive statistics.

Mathematics

ALGEBRA I - .33 1/3
ALGEBRA I - .33 2/3
ALGEBRA I - .34 3/3

School(s): **Skyline**

Course #: **301045, 301046, 301047**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
3 Terms	1/3 credit	Algebra I	Teacher recommendation	**APPROVED**

This three-term course covers the same topics as Algebra I, above.

Upon successful completion of this course, students typically elect Geometry 1/3, 2/3, 3/3.

ALGEBRA II
ALGEBRA II (A)
ALGEBRA II (B)

School(s): **Community, Huron, Pathways, Pioneer**

Course #: **301021, 301025, 301026**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Terms-Pathways	0.5	Algebra II	Geometry	**APPROVED**

This is an advanced algebra course which includes number systems, review of linear sentences, polynomials, rational expressions, systems of equations and inequalities, introduction to functions, coordinate geometry, exponents, logarithms, trigonometry, conic sections, and some theory of equations, sequences, probability, and statistics. The course meets the State of Michigan graduation requirement for Algebra II.

Upon successful completion of this course, students typically elect a PreCalculus course or other math elective.

ALGEBRA II IB

School(s): **Huron**

Course #: **IB301021**

Grade(s): **10-12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	Algebra II	Geometry	**APPROVED**

Algebra II (IB) is an advanced algebra course that includes number systems, review of linear sentences, polynomials, rational expressions, systems of equations and inequalities, introduction to functions, coordinate geometry, exponents, logarithms, trigonometry, conic sections, and some theory of equations, sequences, probability, and statistics. The course meets the State of Michigan graduation requirement for Algebra II.

ALGEBRA II - .33 1/3
ALGEBRA II - .33 2/3
ALGEBRA II - .34 3/3

School(s): **Skyline**

Course #: **301048, 301049, 301050**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
3 Terms	1/3 credit	Algebra II	Geometry or equivalent	**APPROVED**

This three-term advanced algebra course covers the same topics as Algebra II, above.

Upon successful completion of this course, students typically elect a PreCalculus course or other math elective.

Mathematics

ALGEBRA II AC
ALGEBRA II AC (A)
ALGEBRA II AC (B)

School(s): **Huron, Pioneer, Skyline**

Course #: **301022, 301023, 301024**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Algebra II	Geometry AC	**APPROVED**

This course is designed for students with above-average interest in mathematics who plan to study college calculus in high school. Algebra II AC is more theoretical than previous mathematics courses and covers polynomial, rational, exponential, logarithmic, radical, and circular functions; probability; sequences and series; trigonometric identities; and an introduction to matrices.

Upon successful completion of this course, students may elect Precalculus AP or Precalculus AP Plus

ALGEBRA II AC IB

School(s): **Huron**

Course #: **IB301011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Semesters	0.5	Algebra II	Geometry AC	**APPROVED**

Algebra II AC IB is an advanced algebra course that includes number systems, review of linear sentences, polynomials, rational expressions, systems of equations and inequalities, introduction to functions, coordinate geometry, exponents, logarithms, trigonometry, conic sections, and some theory of equations, sequences, probability, and statistics. This course is designed for students with above-average interest in mathematics who plan to study college calculus in high school.

CALCULUS

School(s): **Community**

Course #: **305011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Math Elective	Precalculus (Math Analysis)	**APPROVED**

This course includes topics normally found in college-level Calculus I and Analytic Geometry courses: limits, derivatives, integrals, and their applications. Building upon a strong foundation of advanced algebra, trigonometry, and analytic geometry, this year-long, sophisticated mathematics course pulls together prior skills to develop a complex understanding of curves, rotations, and graphs. Calculus topics include differentiation and integration of both definite and indefinite integrals. Through these processes, we explore sophisticated models of acceleration and other applications in physics and engineering.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

Mathematics

CALCULUS AB, AP

School(s): **Huron, Pioneer, Skyline***

Course #: **305021, 305024, 305025, 305026**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms *3 Terms	0.5	Math Elective	Precalculus or Precalculus AP	**APPROVED**

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally, and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

Per College Board policy, the course designation of "AP" will not appear on middle school transcripts.

CALCULUS BC, AP

CALCULUS, ADVANCED

School(s): **Huron, Pioneer, Skyline***

School(s): **Community**

Course #: **305022, 305027, 305028, 305029**
305023

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms *3 Terms	0.5	Math Elective	Precalculus AP	**APPROVED**

This rigorous course is designed to include all the topics outlined by the College Entrance Examination Board for the BC Calculus Advanced Placement Examination. Topics include all those topics typically found in the first two courses (terms) of college Calculus.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

Per College Board policy, the course designation of "AP" will not appear on middle school transcripts.

EXPLORATIONS IN DATA SCIENCE

School(s): **All High Schools**

Course #: **303061**
303062, 303063

Grade(s): **10-12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Math Elective	Geometry	**APPROVED**

Students will learn to be data explorers in project-based units, through which they will develop their understanding of data analysis, sampling, correlation/causation, bias and uncertainty, probability, modeling with data, making and evaluating data-based arguments, the power of data in society, and more. At the end of the course, students will have a portfolio of their data science work to showcase their newly developed abilities. This course may lead to a pathway in calculus, statistics, data science, or other STEM or humanities subjects.

FINANCE AND STATISTICS

School(s): **Community**

Course #: **304026**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Math Elective	Algebra II	

This 12th-grade class will be intended for students who prefer real-world applications in the area of finance and statistics rather than applications using the traditional calculus courses. The curriculum will emphasize number sense, consumer problem-solving, decision-making, and statistics. Throughout the course, students will develop valuable skills that will allow them to make informed decisions. The curriculum will emphasize and address consumer decisions, wages and salaries, personal banking, income and debt analysis, financial management, career exploration, home and auto ownership, investments, taxation, and government finance, as well as more traditional topics such as probability and statistics.

Mathematics

GEOMETRY

School(s): **Community, Pathways, Pioneer**

Course #: **302011, 302013, 302014**

Grade(s): **9, 10, 11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Terms-(Pathways)	0.5	Geometry	Algebra I or equivalent	**APPROVED**

The course will cover all of the geometry-related mathematics standards found in the K-12 Michigan Standards: Mathematics. This course is intended for 9th or 10th-grade students and follows the Algebra I class from 8th or 9th grade. It will meet the State of Michigan geometry graduation requirement. The performance expectations of the course will focus on mathematical practices such as using mathematical language and thinking, computational thinking, developing proofs, and constructing explanations. The course topics will cover the language of geometry, congruent triangles and relationships within triangles, similar triangles, and right triangle trigonometry, relationships within the plane, circles, and relationships in space.

Upon successful completion of this course, students typically elect Algebra II.

GEOMETRY IB

School(s): **Huron**

Course #: **IB302011**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	Mathematics	Algebra I	**APPROVED**

Geometry (IB) is intended to help students develop their understanding of the fundamental concepts of geometry. The course will cover all of the geometry-related mathematics standards found in the K-12 Michigan Standards: Mathematics. This course is intended for 9th or 10th-grade students and follows the Algebra I class from 8th or 9th grade. It will meet the State of Michigan geometry graduation requirement. The performance expectations of the course will focus on mathematical practices such as using mathematical language and thinking, computational thinking, developing proofs, and constructing explanations. The course topics cover the language of geometry, congruent triangles and relationships within triangles, similar triangles and right triangle trigonometry, relationships within the plane, circles, and relationships in space.

GEOMETRY - .33 1/3
GEOMETRY - .33 2/3
GEOMETRY - .34 3/3

School(s): **Skyline**

Course #: **302020, 302021, 302022**

Grade(s): **9, 10, 11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
3 Terms	1/3 credit	Geometry	Algebra I or equivalent	**APPROVED**

This three-term course covers the same topics as Geometry, above.

Upon successful completion of this course, students typically elect Algebra II.

Mathematics

GEOMETRY AC

School(s): **Huron, Pioneer, Skyline**

Course #: **302012, 302015, 302016**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Geometry	Algebra I or equivalent, and teacher recommendation	**APPROVED**

Geometry AC IB is intended to help students develop their understanding of the fundamental concepts of geometry. The course will cover all of the geometry-related mathematics standards found in the Common Core State Standards. This course follows the Algebra IAC class from middle school. It will meet the State of Michigan geometry graduation requirement. The performance expectations of the course will focus on mathematical practices such as using mathematical language and thinking, computational thinking, developing proofs, and constructing explanations. The course topics will cover the language of geometry, congruent triangles and relationships within triangles, similar triangles, and right triangle trigonometry, relationships within the plane, circles, and relationships in space. It is designed to include all of the topics normally taught in Geometry, but in greater depth and at a more intensive pace.

Upon successful completion of this course, students typically elect Algebra II AC.

GEOMETRY AC IB

School(s): **Huron**

Course #: **IB302012**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Semesters	0.5	Geometry	Algebra I	**APPROVED**

Geometry AC IB is intended to help students develop their understanding of the fundamental concepts of geometry. The course will cover all of the geometry-related mathematics standards found in the Common Core State Standards. This course is intended for 9th or 10th-grade students and follows the Algebra I class from 8th or 9th grade. It will meet the State of Michigan geometry graduation requirement. The performance expectations of the course will focus on mathematical practices such as using mathematical language and thinking, computational thinking, developing proofs, and constructing explanations. The course topics will cover the language of geometry, congruent triangles and relationships within triangles, similar triangles, and right triangle trigonometry, relationships within the plane, circles, and relationships in space. It is designed to include all of the topics normally taught in Geometry but in greater depth and at a more intensive pace.

Mathematics

MATH ANALYSIS AND APPROACHES SL YR1 IB
MATH ANALYSIS AND APPROACHES SL YR2 IB

School(s): **Huron**

Course #: **IB309220, IB309221**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	Math Elective	see Math Sequence chart for Huron	**APPROVED**

Math Analysis and Approaches SL Yr1

The Analysis and Approaches SL (Yr 1) is the first year of a two-year course that focuses on analytic methods with an emphasis on calculus, appropriate for pure mathematicians, engineers, scientists, economists, and those with an interest in analytic methods. The content of the course includes work in numbers and algebra, functions, geometry, trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content, such as mathematics itself, engineering, physical sciences, or some economics courses. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and develop the skills they need to communicate mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Math Analysis and Approaches SL Yr2

This course will build upon the content of the Yr 1 course. The Analysis and Approaches SL (Yr 2) is the second year of a two-year course that focuses on analytic methods with an emphasis on calculus and statistics - appropriate for pure mathematicians, engineers, scientists, economists, and those with an interest in analytic methods. The content of the course includes work in numbers and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content, such as mathematics itself, engineering, physical sciences, or some economics courses. Students will be engaged in an internal and external assessment during year 2 of the course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and develop the skills they need to communicate mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

MATH ANALYSIS AND APPROACHES HL YR1 IB
MATH ANALYSIS AND APPROACHES HL YR2 IB

School(s): **Huron**

Course #: **IB309320, IB309321**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	Math Elective	see Math Sequence chart for Huron	**APPROVED**

Math Analysis and Approaches HL Yr1

The Analysis and Approaches HL (Yr. 1) and SL (Yr 1) are the first year of a two-year course that focuses on analytic methods with an emphasis on calculus - appropriate for pure mathematicians, engineers, scientists, economists, and those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content, such as mathematics itself, engineering, physical sciences, or some economics courses. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students as well as prepares students for the AP Calculus BC exam.

Math Analysis and Approaches HL Yr2

This course will build upon the content of the Yr. 1 course. Analysis and Approaches HL (Yr. 2) is the second year of a two-year course that focuses on analytic methods with an emphasis on statistics - appropriate for pure mathematicians, engineers, scientists, economists, and those with an interest in analytic methods. Content of the course includes work in number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. The subject is aimed at students who will go on to study subjects with substantial mathematics content, such as mathematics itself, engineering, physical sciences, or some economics courses. Students will be engaged in an internal and external assessment during year 2 of this course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Mathematics

MATH APPLICATIONS AND INTERPRETATION SL YR1 IB
MATH APPLICATIONS AND INTERPRETATION SL YR2 IB

School(s): **Huron**

Course #: **IB309210, IB309211**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	Algebra 2 Credit after 3 semesters Math Elective	see Math Sequence chart for Huron	**APPROVED**

Math Applications and Interpretation SL Yr1 (Grade 11)

The Applications and Interpretation SL (Yr. 1) is the first year of a two-year course that focuses on Applications and Interpretation with an emphasis on geometric applications in 2D and 3D space, introduction to statistics, modeling with linear functions, and use of technology - appropriate for those with an interest in the applications of mathematics and how technology can support this. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, some economics courses, psychology, and design. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Math Applications and Interpretation SL Yr2

The Applications and Interpretation SL (Yr. 2) is the second year of a two-year course that focuses on Applications and Interpretation with an emphasis on probability and statistics, power and trigonometric functions, differential calculus, integration, and use of technology - appropriate for those with an interest in the applications of mathematics and how technology can support this. Students will be engaged in an internal and external assessment during year two of the course. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. This course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

MATH APPLICATIONS AND INTERPRETATION HL YR1 IB
MATH APPLICATIONS AND INTERPRETATION HL YR2 IB

School(s): **Huron**

Course #: **IB309310, IB309311**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year each	0.5	Math Elective	see Math Sequence chart for Huron	**APPROVED**

Math Applications and Interpretation HL Yr1

Applications and Interpretation HL (Yr. 1) is the first year of a two-year course that focuses on Applications and Interpretation with an emphasis on statistics, modeling, and the use of technology. This course is appropriate for those with an interest in the applications of mathematics and how technology can support this. This course is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, economics, psychology, or design.

Year one of the course focuses on Functions, Trigonometry, Probability, and Statistics. Some time will also be allocated to preparing for the internally assessed exploration that will be written in Year two of the course. Completion of both years of this course satisfies the Group 5: Mathematics requirement for Full IB Diploma students

Math Applications and Interpretation HL Yr2

Applications and Interpretation HL (Yr. 1) is the first year of a two-year course that focuses on Applications and Interpretation with an emphasis on statistics, modeling, and the use of technology. This course is appropriate for those with an interest in the applications of mathematics and how technology can support this. This course is aimed at students who will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, economics, psychology, or design.

Year two of the course focuses on Calculus, as well as a culminating internally assessed mathematical exploration. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. Completion of both years of this course satisfies the Group 5: Mathematics requirement for Full IB Diploma students.

Mathematics

MATH SUPPORT, GENERAL

School(s): **Community, Huron, Pathways, Pioneer, Skyline**

Course #: **307010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 or 2 Terms	0.5	General Elective	Teacher recommendation	

The Math Support class will center on building the math skills of students enrolled in another math class and will include pre-teaching and re-teaching activities related to topics covered within the course. Skills that are foundational to high school math courses will be the emphasis of instruction.

Math support counts as an elective credit and does not contribute toward the mathematics graduation requirement.

MATHEMATICS, ANALYTICAL THINKING WITH

School(s): **Pathways, Pioneer, Skyline**

Course #: **304029**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Math Elective	Algebra II	

Using analytical reasoning to solve problems will answer the question often asked by students throughout their Mathematics careers, "When are we ever going to use this stuff?" During this course, students will be introduced to logic problems, puzzles, and relevant Mathematical experiences, providing real-world applications for the Mathematical foundations the students have built. Skills developed in this course will continue to be applied for years. Analytical/logic puzzles include but are not limited to . . . Hashiwokakero, Slither Link, Sudoku, Nonograms, Light Up, Nurikabe, Dominosa, Shikaku, Chess, Ken-Ken, Logic problems, and real-world Mathematical investigations.

MENTORING IN MATHEMATICS CLASSROOM

School(s): **All High Schools**

Course #: **307021**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	

This elective course is designed for students of junior/senior standing who have a desire to support other students in learning mathematics, primarily Algebra 1, Geometry, Algebra 2, and in Academic Support classrooms. Mentors will attend one (or more) of these classrooms daily to provide encouragement and tutoring to students. Mentors are also expected to be available to tutor students in the lunchtime Mathematics Tutor Center once a week. Students will receive training on strategies to implement successful mentoring practices.

PRECALCULUS AP

School(s): **Huron, Pioneer, Skyline**

PRECALCULUS*

School(s): **Community***

Course #: **304025, 304016, 304017 304021***

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Math Elective	Algebra II or Algebra 2AC (for AP)	**APPROVED**

This course is designed for students with above average interest in Mathematics who are preparing for Calculus. Strong algebra skills are a must for taking on complicated operations with polynomial and rational functions. The course includes a thorough investigation of intercepts, asymptotes, and transformations, as well as sequences and series, conic sections, matrices, exponential and logarithmic functions, vectors, trigonometric identities, and limits. Polar coordinates and parametric equations are introduced.

This course was formerly named “PreCalculus”. The content is the same as the content of the “PreCalculus” course in 2023-2024.

Students who have taken Algebra II and plan to take Calculus should take Precalculus or Precalculus AP. Juniors who have taken Senior Advanced Mathematics may take Precalculus in their senior year.

Per College Board policy, the course designation of “AP” will not appear on middle school transcripts.

Mathematics

PRECALCULUS AP - PLUS

School(s): **Huron, Pioneer, Skyline**

Course #: **304022, 304018, 304019**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Math Elective	Algebra II or Algebra 2AC (for AP)	**APPROVED**

The content of the course includes units on Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric & Polar Functions, and Functions Involving Parameters, Vectors, and Matrices. The course focuses on the practices of modeling real-world data, exploring multiple representations, procedural and symbolic fluency, and communication and reasoning of the content. Technology will be used as a tool throughout the course. Students electing the course are not obligated to take the examination. AP testing occurs in May.

Note: Most highly selective colleges do not treat precalculus as a college-level course, and thus, college credit for AP Precalculus will not be available at such institutions; instead, AP Precalculus will provide students attending such colleges with preparation for AP Calculus in high school or college calculus when they matriculate. AP Precalculus exam scores may be used by colleges for math and science course placement among newly enrolled students.

Per College Board policy, the course designation of "AP" will not appear on middle school transcripts.

STATISTICS, AP

School(s): **Huron, Pioneer, Skyline**

STATISTICS

School(s): **Community**

Course #: **304031, 304037, 304038, 304039**
304030

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Semesters	0.5	Math Elective	Precalculus or Precalculus AP or taking it concurrently, or Algebra 2 by teacher recommendation	**APPROVED**

This Statistics Course provides students the opportunity to learn the basics of Introductory College Statistics with the emphasis on true understanding through experimentation and simulation. The four main tenets of exploratory data analysis, sampling and experimentation, anticipation and patterns, and hypothesis testing are examined in detail. Besides gaining statistical knowledge, students are expected to complete projects, examine data via calculators and computers, work collaboratively, and improve their technical writing skills. Every chapter test includes multiple-choice questions and free-response questions. The students are required to provide complete verbal discussions and explain their analysis in every test. At the end of the course, each student should be aware of the need for quality statistical analysis in every field of study. The danger of the misuse and misunderstanding of statistics is also emphasized.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

Per College Board policy, the course designation of "AP" will not appear on middle school transcripts.

Physical Education

AEROBICS, CORE & MORE

School(s): **Community*, Huron, Pathways, Pioneer, Skyline***

Course #: **813011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

For students from beginner to advanced. A variety of routines with emphasis on low impact, high impact, step and slide aerobics. Special emphasis on muscle toning, cardiovascular endurance and physical conditioning.

*At **Community and Skyline**, this course may be taken more than once.

CONDITIONING, BASKETBALL I

School(s): **Community*, Huron, Pathways, Pioneer, Skyline***

Course #: **812011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

For students from beginner to advanced. This course involves instruction and practice of fundamentals and techniques. Instruction and practice of conditioning activities, drills, officiating concepts, rules of the game, and competition.

*At **Community and Skyline**, this course may be taken more than once.

CONDITIONING, BASKETBALL II

School(s): **Community, Huron, Pathways, Pioneer, Skyline***

Course #: **812012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Basketball Conditioning I; and teacher recommendation	

For students with advanced skills and knowledge in the game of Basketball. This course involves advanced concepts, techniques, and competitive drills, with an emphasis on conditioning, weight training, and plyometric training.

*At **Skyline**, this course may be taken more than once.

CONDITIONING, WEIGHTLIFTING AND

School(s): **Community*, Huron*, Pathways, Pioneer, Skyline***

Course #: **812021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5			

For students from beginner to advanced. This course is designed to offer opportunities for the student seeking significant progress in strength, quickness, cardiovascular efficiency, and flexibility. This is a participation course designed for students seeking significant muscular endurance and strength gains. Students will become comfortable with sets, circuit, x-training and plyo techniques, along with weight room safety, etiquette and cardio conditioning.

*At **Community, Huron and Skyline**, this course may be taken more than once.

Physical Education

FIT AND FLEXIBLE

School(s): **Community, Huron, Pathways, Pioneer, Skyline***

Course #: **811025**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

This is a participation class focused on cardio warm-up, body weight resistance training and significant yoga-inspired flexibility training. Guest instructors, music, free weights, core work and yoga mats are just a few of the things students can look forward to.

*At **Skyline**, this course may be taken more than once.

PERSONAL CONDITIONING - FITNESS

School(s): **Community**

Course #: **811031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Personal Fitness	None	

This required course is a departure from sports - oriented physical education classes and a recognition of the importance of lifelong, personal fitness. In the first nine weeks (or second during the 2nd semester), you will learn how to assess your own fitness levels and participate in a conditioning program designed to prepare you to run a 5k or 10k race. In the second nine weeks (or first, during the 2nd semester), the focus is strength training, along with cardio conditioning. The curriculum involves exercise physiology principles and guidelines.

This course may be taken more than once.

PERSONAL FITNESS I - CO-ED

School(s): **Pathways**

Course #: **811011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Personal Fitness	None	

This course is designed to meet the needs and abilities of all students. The program is geared to team sports, individual sports, recreational, leisure and lifetime activities. The goal of the program is to develop favorable attitudes and appreciation toward athletics, play, leisure, lifetime activities and healthful living. Understanding game rules and safety, development of physical skills, and making improvements in overall motor fitness levels and cardiovascular fitness are emphasized. Social and emotional outcomes such as cooperation, honesty, dependability, courage, leadership, friendship, sportsmanship and self-confidence are also stressed.

PERSONAL FITNESS I - CO-ED IB

School(s): **Huron**

Course #: **IB811011**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Semester	0.5	Physical Education		

The purpose of Introduction to Personal Fitness (IB) is to promote lifelong physical fitness through the International Baccalaureate Programme. This course educates ALL individuals in a comprehensive manner to enhance current levels of fitness through inquiry-based activities. Students will develop their knowledge about nutrition, anatomy, injury prevention, and personal fitness/weight training concepts. Students will incorporate reflection to observe noticeable improvements in their fitness levels thus attaining improved energy, self-confidence, self-awareness, and overall wellness. Additionally, as students engage in various movement activities such as circuit training, yoga, Pilates, or aerobics, characteristics of the IB Learner profile will be enhanced. These qualities include risk-taking, effective communication, balance, caring and global awareness . . . skills that are important no matter what path life takes you.

Physical Education

PERSONAL FITNESS I - FEMALE FOCUSED IB

School(s): **Huron**

Course #: **IB811013**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Semester	0.5	Physical Education		

The purpose of Introduction to Personal Fitness (IB) is to promote lifelong physical fitness through the International Baccalaureate Programme. This course educates ALL individuals in a comprehensive manner to enhance current levels of fitness through inquiry-based activities. Students will develop their knowledge about nutrition, anatomy, injury prevention, and personal fitness/weight training concepts. Students will incorporate reflection to observe noticeable improvements in their fitness levels thus attaining improved energy, self-confidence, self-awareness, and overall wellness. Additionally, as students engage in various movement activities such as circuit training, yoga, Pilates, or aerobics, characteristics of the IB Learner profile will be enhanced. These qualities include risk-taking, effective communication, balance, caring and global awareness . . . skills that are important no matter what path life takes you.

PERSONAL FITNESS I - MALE FOCUSED IB

School(s): **Huron**

Course #: **IB811021**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Semester	0.5	Physical Education		

The purpose of Introduction to Personal Fitness (IB) is to promote lifelong physical fitness through the International Baccalaureate Programme. This course educates ALL individuals in a comprehensive manner to enhance current levels of fitness through inquiry-based activities. Students will develop their knowledge about nutrition, anatomy, injury prevention, and personal fitness/weight training concepts. Students will incorporate reflection to observe noticeable improvements in their fitness levels thus attaining improved energy, self-confidence, self-awareness, and overall wellness. Additionally, as students engage in various movement activities such as circuit training, yoga, Pilates, or aerobics, characteristics of the IB Learner profile will be enhanced. These qualities include risk-taking, effective communication, balance, caring and global awareness . . . skills that are important no matter what path life takes you.

PERSONAL FITNESS I- CO-ED
PERSONAL FITNESS I - FEMALE
PERSONAL FITNESS I - MALE

School(s): **Community*, Pioneer, Skyline**

Course #: **811011, 811013, 811015**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Personal Fitness	None	

This required course involves instruction and practice in planning, implementing and evaluating an individualized fitness program. The course will focus on understanding the basic concepts of flexibility, cardiovascular and muscular endurance and strength through instruction and practice. The emphasis of this course will be on lifetime health related fitness.

*At **Community,** this course may be taken more than once.

PERSONAL FITNESS II

School(s): **Pioneer**

Course #: **811021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Personal Fitness I	

This is a more advanced program of physical training for the student seeking significant progress in strength, quickness, cardiovascular efficiency, and flexibility.

Physical Education

PERSONAL FITNESS II IB

School(s): **Huron**

Course #: **IB811024**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Personal Fitness I IB	

The purpose of Personal Fitness II is to promote lifelong physical fitness through the International Baccalaureate Programme. This course educates ALL individuals in a comprehensive manner to enhance current levels of fitness through inquiry-based activities. Students will continue to develop their knowledge about nutrition, anatomy, injury prevention, and personal fitness/weight training concepts learned in Personal Fitness I. Students will incorporate reflection to observe noticeable improvements in their fitness levels thus attaining improved energy, self-confidence, self-awareness, and overall wellness. Additionally, as students engage in various movement activities such as circuit training, yoga, Pilates, or aerobics, characteristics of the IB Learner profile will be enhanced. These qualities include risk-taking, effective communication, balance, caring and global awareness … skills that are important no matter what path life takes you.

PHYSICAL EDUCATION & PEER MENTOR

School(s): **Skyline**

Course #: **818011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

Students will gain practice in planning, implementing and evaluating a variety of weight lifting and conditioning programs. Students will focus on understanding the basic concepts of flexibility, muscular endurance and strength through instruction and practice. This PE class is unique to other PE classes because it is an inclusive PE course in which both students with disabilities and those without will participate. Students are expected to work cohesively to ensure all students benefit from the social, physical and educational aspects of the class.

SPORTS MEDICINE I

School(s): **Huron, Pioneer, Skyline**

Course #: **815011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

This course provides knowledge and instruction of health occupations in sports. Theory and practical laboratory experiences are offered in the mechanics of sports injuries and preventive/protective measures.

SPORTS MEDICINE II

School(s): **Huron, Pioneer, Skyline**

Course #: **815021**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Sports Medicine I	

The evaluation of fitness traits and prescriptions; knowledge of nutrition, sports psychology, ergogenic aids, biomechanics, and the diagnosis, treatment, and rehabilitation of sport related injuries.

SPORTS, LIFETIME I

School(s): **Huron, Pioneer, Skyline***

Course #: **814031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

Instruction and experience in a variety of lifetime leisure sports. Sports may include, but not limited to Ultimate Frisbee, pickleball, tennis, golf, disc golf, badminton, table tennis, and volleyball.

*At **Skyline,** this course may be taken more than once.

Physical Education

SPORTS, LIFETIME II

School(s): **Huron, Pioneer, *Skyline**

Course #: **814032**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Lifetime Sports I	

Competition and advanced techniques for students who have completed Lifetime Sports I.

*At **Skyline**, this course may be taken more than once.

SPORTS, TEAM I

School(s): **Huron, Pathways, Pioneer, Skyline***

Course #: **814041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

Instruction, drills, and competition in traditional sports. Sports may include but are not limited to football, soccer, cardioball, basketball, volleyball, floor hockey, team handball, etc.

*At **Skyline**, this course may be taken more than once.

SPORTS, TEAM II

School(s): **Huron, Pioneer, Skyline**

Course #: **814042**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Team Sports I	

Instruction, drills and competition in seasonal sports such as volleyball, basketball, track, softball, floor hockey, cardioball, team handball, flag football, etc.

STEP UP TO FITNESS/AEROBIC FITNESS

School(s): **Community**

Course #: **811032**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Personal Fitness	None	

This aerobic class utilizes 'steps' in combination with various types of music and movement combinations to attain a cardiovascular workout. In addition to the cardio portion of class, students will work with weights for strength and endurance training. This workout will help trim and recondition the body while providing an excellent starting or continuing fitness program. Also incorporated into the class are yoga exercises, flexibility training and relaxation techniques. No prior dance or exercise experience is required. Exercise clothes and aerobic shoes are required.

Physical Education

SWIMMING I - CO-ED
SWIMMING I - FEMALE ONLY (Pioneer, Skyline)
SWIMMING I - MALE ONLY (Pioneer, Skyline)

School(s): **Huron, Pioneer, *Skyline**

Course #: **816011, 816012, 816013**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

For students from beginner to advanced. This course is designed to offer opportunities for stroke refinement, analysis and practice, fitness swimming, water games, synchronized swimming, diving and other water related activities based on need.

*At **Skyline**, this course may be taken more than once.

SWIMMING II - CO-ED
SWIMMING II - FEMALE ONLY
SWIMMING II - MALE ONLY

School(s): **Skyline**

Course #: **816021, 816022, 816023**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

This course will focus on basic instruction in the following strokes; free style, backstroke, breaststroke, and butterfly. The course follows the American Red Cross swim instruction model using levels 1-7 for student assessment.

This course may be taken more than once.

SWIMMING, LIFEGUARD

School(s): **Huron, Pioneer, Skyline***

Course #: **816031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Must be 15 years old and pass swim test	

This course will prepare lifeguard candidates to recognize emergencies, respond quickly and effectively to emergencies and prevent drowning and other incidents. The course also teaches other skills individuals need to become a professional lifeguard.

Qualifying swim test includes: 500 yard swim, submerge to a depth of 13 ft and retrieve a 10 lb. object, tread water for two minutes using legs only. Upon completion of this course participants will receive American Red Cross Lifeguard Training, First Aid and CPR certification. There is a small fee associated with this class once certification is granted. If finances are a concern, the student/parent/guardian needs to contact the teacher.

* At **Skyline**, this course may be taken more than once.

SWIMMING, WATER SAFETY INSTRUCTOR

School(s): **Huron**, **Pioneer, Skyline**

Course #: **816041**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Lifeguarding Certificate and must be 17 years old before class ends	

Preparation for instruction in all phases of swimming.

Students will receive an American Red Cross WSI certificate upon successful completion of course.

Physical Education

TRIATHLON BASICS

School(s): **Huron, Pioneer *Skyline**

Course #: **812024**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

A triathlon is a multi-sport endurance event consisting of swimming, cycling and running in immediate succession over various distances. This course will focus primarily on periodized training in each of the three disciplines, as well as combination workouts and general strength conditioning.

*At **Skyline**, this course may be taken more than once.

YOGA

School(s): **Community, Huron*, Pioneer, Skyline***

Course #: **812023**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

Yoga is described as the union of the physical body with the mind and spirit as a method of reaching enlightenment. This course will cover the eight limbs of yoga focusing on asana (posture), pranayama (breath control) and dyana (meditation). Benefits of yoga include increased flexibility, calmness, increased strength and stamina.

At **Huron and Skyline**, this course may be taken more than once.

YOGA IB

School(s): **Huron**

Course #: **IB812023**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

Yoga (IB) is described as the union of the physical body with the mind and spirit as a method of reaching calmness and relaxation. This course will cover the eight limbs of yoga focusing on asana (posture), pranayama (breath control) and dyana (meditation). This course educates ALL individuals in a comprehensive manner to enhance current levels of fitness through inquiry-based activities. Students will develop their knowledge about the benefits of yoga such as increased flexibility, calmness, strength and stamina. Students will incorporate reflection to observe noticeable improvements in their mental, emotional and spiritual health thus attaining improved energy, self-confidence, self-awareness, and overall wellness. Additionally, students will engage in various collaborative activities to enhance various characteristics of the IB Learner profile including risk-taking, effective communication, balance, caring and global awareness … skills that are important no matter what path life takes you.

This course may be taken more than once.

Project Lead the Way (PLTW)

PROJECT LEAD THE WAY is a comprehensive approach to STEM Education. Through activity-, project-, and problem-based curriculum, PLTW gives students in kindergarten through high school a chance to apply what they know, identify problems, find unique solutions and lead their own learning. All Ann Arbor high schools offer the PLTW experience.

AEROSPACE ENGINEERING

Project Lead The Way

School(s): **Huron**

Course #: **671020**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 semesters	0.5		Engineering Design; Engineering, Principles of	

This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

COMPUTER INTEGRATED MANUFACTURING

Project Lead The Way

School(s): **Skyline**

Course #: **614060**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 trimesters	0.5		Engineering Design	

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system.

ENGINEERING DESIGN

Project Lead The Way

School(s): **Community, Pathways, Pioneer, Skyline**

Course #: **671011**
671012, 671013

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	VPAA (0.5 per term) or 4th MATH (0.5 per term)	None	

This course uses problem-solving skills to explore creative designs and alternative solutions for problems facing our world today by using a design system approach. Students will design, analyze, and communicate possible solutions to a variety of environmental and technological problems. 3-dimensional models will be created using solid modeling computer design software. Possible tools include laser engraving and rapid prototyping.

This course may be taken as an elective by all students. College credit may be articulated with the National Affiliate/PLTW Exemplary Student Recognition program.

*Offered as CTE elective sequence of Engineering & Design courses.

Project Lead the Way (PLTW)

ENGINEERING DESIGN IB

Project Lead The Way

School(s): **Huron**

Course #: **IB671011**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA (0.5 per term) or 4th MATH (0.5 per term)	None	

Engineering Design (IB) students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

ENGINEERING CAPSTONE

Project Lead The Way

School(s): **Huron, Pioneer, Skyline**

Course #: **671041**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5		Engineering Design; Engineering, Principles of	

Students work in teams to identify, research, design and construct a solution to an open-ended engineering problem, with its environmental impact in mind. Students apply principles developed in the three preceding courses and are guided by a community mentor. Teams present progress reports, submit a final written report, and defend their solutions to a panel of outside reviewers at the end of the school year.

ENGINEERING, PRINCIPLES OF

Project Lead The Way

School(s): **Community, Pathways, Pioneer, Skyline**

Course #: **671021**
671027, 671028

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	4th Math (0.5 per term)	Engineering Design	

This course provides an overview of the field of engineering and engineering technology. By exploring various technology systems and manufacturing processes, students learn how the engineering problem-solving process uses math, science and technology to benefit society. A product's entire life cycle will be analyzed to help address concerns about its environmental, social, and political consequences. Possible areas of interest include alternative energy, waste management, transportation, aerodynamics, material analysis, and construction.

This course may be taken as an elective by all students. College credit may be articulated with the National Affiliate/PLTW Exemplary Student Recognition program.

*Offered as CTE elective sequence of Engineering & Design courses.

ENGINEERING, PRINCIPLES OF IB

Project Lead The Way

School(s): **Huron**

Course #: **IB671021**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	4th Math (0.5 per term)	Engineering Design	

This course provides an overview of the field of engineering and engineering technology. By exploring various technology systems and manufacturing processes, students learn how the engineering problem-solving process uses math, science and technology to benefit society. A product's entire life cycle will be analyzed to help address concerns about its environmental, social, and political consequences. Possible areas of interest include alternative energy, waste management, transportation, aerodynamics, material analysis, and construction.
This course may be taken as an elective by all students. College credit may be articulated with the National Affiliate/PLTW Exemplary Student Recognition program.

Science

Minimum Science Course Requirements

For students in the **Class of 2021 and after**, the Michigan Merit Curriculum requires students to earn a minimum of 3 science credits that address all of the standards specified in the Michigan Science Standards. This requires, at a minimum, taking or demonstrating proficiency with the standards addressed in the following courses offered by Ann Arbor Public Schools.

- **Biology**
- **Earth Science**
- **Chemistry 1/Physics 1**

Students considering a career in engineering or a science-related field are strongly encouraged to take a fourth year of science that should include additional terms of Chemistry and Physics. Many programs will expect a full 1.0 credit of Chemistry to meet laboratory course requirements. This 4-year sequence demonstrates one approach to meeting these expectations. Students should research programs of interest to know if advanced science courses are expected. The ”Typical Sequences” section below shows options to incorporate advanced science courses or other electives.

- **Biology**
- **Earth Science**
- **Chemistry 1/Physics 1**
- **Chemistry 2/Physics 2**

TYPICAL SCIENCE SEQUENCES

These sequences are designed to illustrate examples of how a student can fulfill the required credits. Contact your counselor or science teacher to understand additional options for acceleration or inclusion of CTE programs. This can include taking courses concurrently in elective slots or online, taking summer courses or testing out of courses to earn credit in cases where students are already proficient with the content.

Community

GRADE 9	***GRADE 10***	***GRADE 11***	***GRADE 12***
• Foundations of Science I	• Foundations of Science II	• Foundations of Science III	• Foundations of Science IV • Science Electives

Huron

GRADE 9	***GRADE 10***	***GRADE 11***	***GRADE 12***
• Biology (IB) Could take concurrent: • Earth: HSS (semester)	• Chemistry 1 (IB) (semester) • Physics 1 (IB) (semester) Could take concurrent: • Earth: HSS (semester)	• Earth Science (year) • Earth: HSS (semester) • DP Science (Year 1) Chemistry, Biology, ESS, Physics • AP Chemistry	• Chemistry IIA • Physics II E&M, Physics II Mechanics • DP Science (Year 2) Chemistry, Biology, Physics, ESS (Year 2) • AP Science (Chemistry, Biology or Physics)

Science

Pioneer

GRADE 9	***GRADE 10***	***GRADE 11***	***GRADE 12***
• Biology Could take concurrent • Chemistry 1 (semester) • Physics 1 (semester)	• Earth Science Could take concurrent • Chemistry 1 (semester) • Physics 1 (semester)	• Chemistry 1 (semester) • Physics 1 (semester) • AP Chemistry (must meet prereq)	• Chemistry IIA, Chemistry II Spec. Top. • Physics II E&M, Physics II Mechanics • AP Science (Chemistry, Biology, Physics, Environmental Science) • Science Electives (see guide)

Skyline / Pathways

GRADE 9	***GRADE 10***	***GRADE 11***	***GRADE 12***
• Biology Could take concurrent/ tri 3 • Chemistry 1 (one term)	• Earth Science • AP Environmental Science Could take concurrent/ tri 3 • Chemistry 1 (one term)	• Chemistry 1 (one term) • Physics 1 (one term) • AP Chemistry (must meet prereq)	• Chemistry IIA, Chemistry II Spec. Top. • Physics II E&M, Physics II Mechanics • AP Science (Chemistry, Biology, Physics, Environmental Science) • Science Electives (see guide)

Science

ANATOMY AND PHYSIOLOGY

School(s): **Pathways*, Skyline**

Course #: **406041**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Biology, Chemistry 1	**APPROVED**

This is a specialized course in the study of the human body and how it works. The focus is on the structure and function of the major systems of the human body: muscular, skeletal, circulatory, respiratory, nervous, and digestive systems. Advanced laboratory techniques will be utilized to take an in-depth look at the wonder and complexities of the human body.

*At **Pathways**, this course is offered only in 12th grade.

ANATOMY AND PHYSIOLOGY

School(s): **Community**

Course #: **406041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term or 1 Year	0.5		Science, Foundations of II	**APPROVED**

This course is designed to give the advanced science student an in-depth study of human anatomy and physiology. Part of the course is focused on comparative anatomy of both invertebrates and vertebrates and the evolution of body systems. This course includes required lab dissection of sample invertebrate and vertebrate organisms. The text is written for college level students. Students need to be independent learners in order to be successful.

ASTRONOMY

School(s): **Pioneer, Skyline**

Course #: **406071**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Earth Science	**APPROVED**

This course will take an in depth look at the cosmos, with topics such as black holes, stellar processes, and the structure of the galaxies and the universe. Space travel, history, and issues in space exploration will be considered.

BIOLOGY / BIOLOGY (A) & (B)
BIOLOGY SUPPORT

School(s): **Pathways, Pioneer, Skyline**

Course #: **401011, 401012, 401013, 401019**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Biology	None	**APPROVED**

This course will address all of the science standards adopted by the State of Michigan (2015) for the life science discipline. It will serve as an introductory class that will prepare students for upper level science courses and will meet one of three science credits required by the State of Michigan for graduation. The performance expectations of the course will focus on scientific practices such as: 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. The topics addressed will include cells, metabolism, homeostasis, genetics, evolution, and ecology.

This course is required for 9th grade students.

Science

BIOLOGY IB School(s): **Huron**

Course #: **IB401011** Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	Biology	None	**APPROVED**

This course will cover all of the science standards adopted by the State of Michigan (2015) for the life science discipline. This course is intended for 9th-grade students. It will serve as an introductory class that will prepare students for upper-level science courses and will meet one of three science credits required by the State of Michigan for graduation. The performance expectations of the course will focus on scientific practices such as; 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. The topics addressed include cells, metabolism, homeostasis, genetics, evolution, and ecology.

BIOLOGY SL/HL YR1 IB
BIOLOGY SL YR2 IB
BIOLOGY HL YR2 IB

School(s): **Huron**

Course #: **IB409100, IB409101, IB409102** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	Science Elective	Biology IB or Biology	**APPROVED**

Students electing the following three courses participate in assessment components designed to ensure academic challenge consistent with IB standards. The course-work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include multiple choice short answer and extended response questions that require analysis of data and experimental work.

Biology SL/HL Yr1 (Grade 11)

Biology SL/HL Yr1 (IB) is the first year of a two-year course that is intended to help students develop their understanding of the fundamental concepts of biology. This course will deepen and add breadth to the knowledge and practices that are included in the Next Generation Science Standards (NGSS) and will address all expectations of the International Baccalaureate Organization. This two year course is intended for students to begin in grade 11 and will proceed with the expectation that students are proficient with the content addressed in the Biology, Chemistry 1, Physics 1 and -Earth Science sequence. It will serve as a continuation of the Biology 1 course, building on the content and skills acquired in 9th grade. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Biology SL/HL Yr2 (Grade 12)

Biology SL Yr2 (IB) is the second year of a two-year course that is intended to help students develop their understanding of the fundamental concepts of biology. This course will deepen and add breadth to the knowledge and practices that are included in the Next Generation Science Standards (NGSS) and will address all expectations of the International Baccalaureate Organization. This two-year course is intended for students to begin in grade 11 and will proceed with the expectation that students are proficient with the content addressed in the Biology, Chemistry 1, Physics 1, Earth Science sequence. It will serve as a continuation of the Biology 1 course, building on the content and skills acquired in 9th grade. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Science

BIOLOGY, ADVANCED

School(s): **Community**

Course #: **401021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term or 1 Year	0.5		Science, Foundations of II or Biology	**APPROVED**

This course is a one term course designed for those students who wish to study biological principles in greater depth, particularly at the molecular level. The course is rigorous and the textbook is written at the college level. Topics include: cell structure and function, the cell cycle, genes to proteins, DNA repair, reproduction of DNA and repair, molecular biology of cancer, cancer cell histology, DNA cloning, DNA genomics and analysis, electrophoresis of DNA, embryology and animal development, natural selection, population evolution, origin of species, primate evolution, and human evolution.

BIOLOGY, AP

School(s): **Huron, Pioneer, Skyline**

Course #: **401031**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms, 3 Terms (Skyline)	0.5		Biology and Chemistry I	**APPROVED**

This is a college level course in introductory biology, which expands on the concepts introduced in Biology. Emphasis will be placed on special laboratory techniques, data interpretation, and application of concepts. Areas of biology covered are: cellular structure, process and functions; genetics; DNA technology, evolution, ecology, botany, microbiology, embryology and anatomy and physiology.

Enrollment in AP Biology should be based on previous excellent work in Biology and Chemistry. AP Biology should not be considered as a substitute for Physics by students planning careers in science. AP Biology and Physics may be taken concurrently in grade twelve. The nature of the course may require the student to spend some extra time in the laboratory. This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

BOTANY OF MICHIGAN PLANTS

School(s): **Skyline**

Course #: **403041**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Biology A & B	**APPROVED**

This course will explore the world of Michigan's native plants! In this course, students will embark on an exciting journey through Michigan's diverse ecosystems to discover and appreciate the remarkable flora that surrounds us. They will delve into the identification, evolution, and conservation of Michigan's unique plant species. By the end of the course, students will have a deep understanding of the native flora of Michigan and the role these plants play in the state's ecosystems. This course will be a project-based elective that will help students explore the varied ecosystems in their very own backyard and think critically about how to protect the biodiversity near them. Botany of Michigan Plants will also help tie knowledge of plants and field survey methods to careers in conservation and wildlife management.

CHEMISTRY - SPECIAL TOPICS

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **404041**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Chemistry 1	**APPROVED**

Chemistry Special Topics is a continuation of Chemistry I and will explore a variety of interesting Chemistry topics distinct from those offered in Chemistry II. There are two goals for this course: First, to broaden student conceptual understanding to topics typically found in modern STEM professions. Second, to develop and deepen understanding around various chemistry topics beyond those which are covered in Chemistry I. Possible topics may include but will not be limited to: hydrocarbons, polymers, food chemistry and stereochemistry.

Science

CHEMISTRY I

School(s): **Pathways, Pioneer, Skyline**

Course #: **404026**

Grade(s): **9, 10, 11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Chemistry	None	**APPROVED**

Chemistry I is intended to help students develop their understanding of the fundamental concepts of chemistry. The course will cover all of the chemistry-related physical science standards adopted by the State of Michigan (2015). This course is intended for 10th or 11th grade students. It will prepare students for upper level science courses and will meet 0.5 credits of the three science credits required by the State of Michigan for graduation. The performance expectations of the course will focus on scientific practices such as: developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course is a prerequisite for AP Chemistry.

CHEMISTRY I IB

School(s): **Huron**

Course #: **IB404026**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Chemistry		**APPROVED**

Chemistry I (IB) is intended to help students develop their understanding of the fundamental concepts of chemistry. The course will cover all of the chemistry related physical science standards adopted by the State of Michigan (2015). This course is intended for 10th grade students. It will serve as an introductory class that will prepare students for upper level science courses and will meet 0.5 credits of the three science credits required by the State of Michigan for graduation. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations.

CHEMISTRY II

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **404040**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Chemistry 1, Physics 1	**APPROVED**

Chemistry II is a continuation of Chemistry I. The goals of this course are twofold: First, to broaden student conceptual understanding to topics typically found in modern STEM professions. Second, to build resilience and depth around topics beyond those covered in Chemistry I but are considered foundational in post-secondary endeavors. Topics included in this course: Solutions, Acids and Bases, Gas Laws, and Electrochemistry.

Science

CHEMISTRY SL/HL YR1 IB
CHEMISTRY SL YR2 IB
CHEMISTRY HL YR2 IB

School(s): **Huron**

Course #: **IB409200, IB409201, IB409202**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	Science Elective	Chemistry I IB	**APPROVED**

Students electing the following three courses participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include multiple choice short answer and extended response questions that require analysis of data and experimental work.

Chemistry SL/HL Yr1 (Grade 11)

Chemistry SL/HL Yr1 (IB) is the first year of a two-year course intended to help students develop their understanding of the fundamental concepts of chemistry. The course will deepen student understanding and add breadth to the chemistry-related physical science standards adopted by the State of Michigan in 2015. This course is intended for 11th grade students and follows the MYP Biology/Chemistry/Physics, and Earth Science sequence. It will provide a rigorous student experience that will prepare students for college level science courses. This course will also meet the requirements of the International Baccalaureate. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course has a significant amount of time allocated to laboratory experiments. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Chemistry SL/HL Yr2 (Grade 12)

Chemistry SL Yr 2 (IB) is the second year of a two-year course intended to help students develop their understanding of the fundamental concepts of chemistry. The course will deepen student understanding and add breadth to the chemistry-related physical science standards adopted by the State of Michigan in 2015. This course is intended for 12th grade students and follows the MYP Biology/Chemistry/Physics, and Earth Science sequence. It will provide a rigorous student experience that will prepare students for college level science courses. This course will also meet the requirements of the International Baccalaureate. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

CHEMISTRY, ADVANCED

School(s): **Community**

Course #: **404021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Science, Foundations of II and III	**APPROVED**

This course is the next step beyond the chemistry that was learned in FOS and FOS 3 (first term). There is a greater emphasis on theory and a mathematical, quantitative approach. A college chemistry level text is used. Content includes: History of Chemistry, Measurements/Calculation/Significant Figures, Solution Chemistry, Equilibrium, Acids and Bases, Polymer Chemistry, Oxidation/Reduction/Electrochemistry, Thermochemistry, and Nuclear Chemistry.

Science

CHEMISTRY, AP
CHEMISTRY LAB, AP (Huron & Pioneer)

School(s): **Huron*, Pioneer*, Skyline****

Course #: **404031, 404039**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms, 3 Terms (Skyline)	0.5		Chemistry 1	**APPROVED**

This is a college-level class offered to students who have achieved above average grades in Chemistry 1, and who have a genuine interest in chemistry. Chemistry topics will be addressed in greater depth with emphasis on problem solving and descriptive chemistry. The laboratory work will be more quantitative.

The lab section does not earn credit. This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

***Huron and Pioneer**: Students must elect both sections (course & lab).
****Skyline:** Students elect the course only - lab is embedded in longer class periods for three trimesters.

EARTH SCIENCE

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **402011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	Earth Science	None	**APPROVED**

This laboratory course takes an inquiring view of the planet earth and its environment in space. Course content is drawn from the fields of astronomy, geology, meteorology, oceanography, paleontology, geography, soil science, and ecology and addresses all standards adopted by the State of Michigan (2015) relevant to Earth Science and so it meets one of the three credits required for graduation by the State of Michigan. This course is intended for students in grades 10 or 11.

EARTH: HISTORY, SYSTEMS & SUSTAINABILITY IB

School(s): **Huron**

Course #: **IB402014**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Earth Science	None	**APPROVED**

This course is intended to support students pursuing a DP diploma by learning the Michigan Science Standards in the discipline of Earth Science which are part of what is required for graduation. During this one-term course, students will inquire about topics in earth systems, the history of the earth, weather, climate and human impact. While this course does not address content equivalent to the year-long Earth Science course, still students should expect the inquiry and learning in this course to proceed at a brisk pace to accommodate the one-term course length. Students can elect this course during the regular school year or during the summer.

Science

ECOLOGY AND RESOURCE MANAGEMENT

School(s): **Community*, Pathways**

Course #: **403011**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term 2 Terms*	0.5		Community: Science, Foundations of III	**APPROVED**

This course is designed to provide an in-depth understanding of human impact on earth's environment. The cause and effect of current issues, particularly in our community are emphasized. Students are expected to analyze issues and propose solutions. Topics include Ecosystems, energy, air and water pollution, land use, and waste management. These topics are explored using current events, lecture, labs, hands-on work outdoors and possible field trips.

***Community:**
This course will cover major ecological concepts across several areas of study; including ichthyology (fish), ornithology (birds), entomology (bugs), limnology (lakes), and botany (plants). Topics include the interactions among individuals of these populations, interactions in their abiotic environment, and interactions with other species. We will also look at the role humans have had in changing each of these ecosystems and the impact these changes have had on the world as a whole. Specifically, we will research factors threatening the survival of endangered plants and animals - habitat destruction; pollution; deforestation; desertification; climate change. Activities and projects will be oriented towards researching current literature, studying preserved specimens, collecting data, analyzing information and drawing conclusions that are supported by the data to generate solutions.

ENVIRONMENTAL SCIENCE

School(s): **Pathways**

Course #: **403021**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Earth Science	**APPROVED**

This course will be an in-depth study of environmental systems and concepts. Topics studied include the structure, function, and changes that affect ecosystems. Global and physical systems such as ecosphere, atmosphere, hydrosphere and lithosphere will be investigated. Finally human interactions and impact on the environment will be discussed. Laboratory activities will be grounded in real-world issues and involve students in the design and analysis of scientific experiments in their environment.

ENVIRONMENTAL SCIENCE, AP

School(s): **Pioneer, Skyline**

Course #: **403031**

Grade(s): **11, 12**
10 (Skyline only)

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms (Pioneer) 3 Terms (Skyline)	0.5	Earth Science (Skyline only)	Biology (all) and Earth Science (Pioneer)	**APPROVED**

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. The following themes provide a foundation for the structure of the AP Environmental Science course: science process and practices, energy conversions in ecological processes, the interconnected Earth system, human alteration of natural systems, social and cultural context for environmental problems and the development of sustainable systems.
This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

The Skyline version of this course meets across three trimesters and for additional minutes relative to the Pioneer version of the course, as a result the Skyline version of the course addresses additional content beyond that tested on the AP exam and relevant to the state standards for Earth Science.

Concurrent enrollment in Algebra II or beyond is recommended.

Science

ENVIRONMENTAL SYSTEMS AND SOCIETIES SL IB

School(s): **Huron**

Course #: **IB409400**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	Earth Science		**APPROVED**

Students electing the following course participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include short answer and extended response questions that require analysis of data and experimental work.

Environmental Systems and Societies SL (IB) is an interdisciplinary course that studies the interaction of humans and the environment. The students will gain the knowledge and understanding of environmental systems and issues on a variety of levels. Environmental issues will be studied on personal, local and global levels, this will help students develop an awareness of environmental issues, make future environmental decisions and be motivated to be stewards for the environment. This course can satisfy the Group 4: Sciences *or* Group 3: Individuals and Societies requirement requirement for Full IB Diploma students.

ENVIRONMENTAL SYSTEMS AND SOCIETIES HL YR1 IB
ENVIRONMENTAL SYSTEMS AND SOCIETIES HL YR2 IB

School(s): **Huron**

Course #: **IB409401**
IB409402

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	Elective	Environmental Systems & Societies SL/HL Yr 1 IB	**APPROVED**

Students electing the following course participate in assessment components designed to ensure academic challenge consistent with IB standards. The course work and assessments represent longer-term projects or investigations that are scored based on criteria established by IB. Additionally, assessments include short answer and extended response questions that require analysis of data and experimental work.

IB Environmental Systems and Societies HL is an interdisciplinary course in which students learn about the natural world around us and study the effects of our use of natural resources. This builds an understanding of the environmental issues that humanity faces and will allow students to make informed decisions on sustainable approaches in their personal and professional lives.

FORENSICS: EVIDENCE AND INVESTIGATION

School(s): **Pathways, Pioneer, Skyline**

Course #: **406053**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Biology, Earth Science, Chemistry 1	**APPROVED**

Forensics: Evidence and Investigation is a one term science elective. The application of integrated science will introduce students to the application of science to the law. The major topics of study will include observation skills, crime-scene investigation and evidence collection, study of hair, fibers, textiles, fingerprints, handwriting analysis, casts and impressions and blood and blood spatter.

FORENSICS: EVIDENCE AND INVESTIGATION

School(s): **Community**

Course #: **406053**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Science, Foundations of III	**APPROVED**

This course will extend the content learner in FOS 3 through additional forensic investigative techniques. Forensic entomology, advanced blood splatter analysis, advanced fingerprint analysis, DNA analysis, document analysis, skeletal analysis, drug analysis, dental and shoe analysis, fiber analysis, autopsy analysis and advanced crime scene reconstruction. The science behind each of these techniques is explored in depth. There will be an optional field trip to a medical examiner's lab.

Science

FORENSICS: BEYOND THE CRIME SCENE

School(s): **Community, Pathways, Pioneer, Skyline**

Course #: **406054**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		**Pioneer, Skyline & Pathways:** Biology, Earth Science and Chemistry 1 **Community:** Science, Foundations of III	**APPROVED**

Forensics: Beyond the Crime Scene is an additional course in forensic science where students will have the opportunity to expand their knowledge of chemistry, biology, physics, earth science, math, and psychology. Topics may include: arson and explosions, forensic anthropology and entomology, DNA fingerprinting, drug identification and toxicology, glass evidence, tool marks, ballistics, crime scene reconstruction, criminal profiling and a final capstone crime scene project. Students do not need to have taken previous Forensic Science courses to enroll.

PHYSICS C: MECHANICS, AP

School(s): **Huron, Pioneer, Skyline**

Course #: **405031**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms, 3 Terms (Skyline)	0.5		Physics I, Precalculus, and concurrent enrollment in Calculus	**APPROVED**

This is a calculus-based college level course in introductory physics, including a thorough investigation of mechanics and an introduction to electricity and magnetism, modern physics and relativity.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

PHYSICS I

School(s): **Pathways, Pioneer, Skyline**

Course #: **405045**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Physics	None	**APPROVED**

Physics I is intended to help students develop their understanding of the fundamental concepts of physics. The course will cover all of the physics related physical science standards adopted by the State of Michigan, meet one term of the State of Michigan graduation requirements for science, and will prepare students for upper level science courses. The performance expectations of the course will focus on scientific practices such as developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations.

PHYSICS I IB

School(s): **Huron**

Course #: **IB405045**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Physics	None	**APPROVED**

Physics I (IB) is intended to help students develop their understanding of the fundamental concepts of physics. The course will cover all of the physics related physical science standards adopted by the State of Michigan. This course is intended for 10th grade students and follows the Biology class from 9th grade. It will serve as an introductory class that will prepare students for upper level science courses and will meet one term of the State of Michigan graduation requirements for science. The performance expectations of the course will focus on scientific practices such as; developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations.

Science

PHYSICS II: ELECTRICITY AND MAGNETISM

School(s): **Huron, Pioneer, Skyline**

Course #: **405028**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Physics 1	**APPROVED**

This course will build upon the science standards and practices studied during Physics 1 moving toward further readiness for a college Physics course. Students will explore sound properties, light properties, electrostatic charge and circuits as they draw upon and deepen understandings of core ideas, practices and cross-cutting concepts developed in Physics 1.

PHYSICS II: MECHANICS

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **405025**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		Physics 1	**APPROVED**

This course will build upon the science standards and practices studied during Physics 1 moving toward further readiness for a college Physics course. Students will explore kinematics, forces, energy and momentum, and rotational motion as they draw upon and deepen their understanding of core ideas, practices and cross-cutting concepts developed in Physics 1.

PHYSICS SL/HL YR1 IB
PHYSICS SL YR2 IB
PHYSICS HL YR2 IB

School(s): **Huron**

Course #: **IB409300, IB409301, IB409302**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	Science Elective	Physics 1	**APPROVED**

DP Physics is an experimental science course in which students examine various aspects of the nature of the universe. The themes of Space and Time, the Particulate Nature of Matter, Wave Behavior, Fields, and Nuclear and Quantum Physics weave throughout the two-year course. Students will build and refine models through the use of data analysis and other mathematical methods. This course satisfies the Group 4: Sciences requirement for the Full IB Diploma students.

Physics SL/HL Yr1 (Grade 11)

Physics SL/HL Yr1 (IB) is the first year of a two-year course. 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. Models are developed to try to understand observations, and these models can become theories that attempt to explain the observations. Besides helping us better understand the natural world, physics gives us the ability to alter our environments. This raises the issue of the impact of physics on society, the moral and ethical dilemmas, and the social, economic and environmental implications of the work of physicists. By studying physics 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 subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results, and evaluate and communicate their findings. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Physics SL/HL Yr2 (Grade 12)

Physics SL Yr2 (IB) is the second year of a two-year course. 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. Models are developed to try to understand observations, and these models can become theories that attempt to explain the observations. Besides helping us better understand the natural world, physics gives us the ability to alter our environments. This raises the issue of the impact of physics on society, the moral and ethical dilemmas, and the social, economic and environmental implications of the work of physicists. By studying physics 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 subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. This course satisfies the Group 4: Sciences requirement for Full IB Diploma students.

Science

PHYSICS, ROBOTICS ENGINEERING CURRICULUM

School(s): **Pathways**

Course #: **405050**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
3 Terms	0.5	Science/Physics (.5) Science Elective (.5) or CTE Elective (.5)	None	

Robotics Engineering Curriculum (REC) provides a robust study of engineering concepts including physics, programming, mechanical systems, and electrical/electronic systems. Core concepts are delivered through interactive curriculum, relevant activities and projects using VEX robotics hardware.

SCIENCE, FOUNDATIONS OF I - GEOLOGY/ECOLOGY

School(s): **Community**

Course #: **406011**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	Earth Science (1.0)	None	**APPROVED**

This first course in the Foundations of Science sequence begins with an in-depth, multidisciplinary study of a local tributary to the Huron River. In this project, students conduct three assessments focusing on the physical parameters, biological indicators, and water chemistry of Traver Creek. In addition, students study the chemical concepts of water solubility, periodicity of elements and ionic reactions. A wide range of ecological concepts including ecosystem dynamics, environmental justice, and the topography and land usage of the watershed are also studied. The second semester focuses on energy transfers in the environment, including photosynthesis, cellular respiration and alternative energies. Students will research green technologies with a focus on engineering and reducing human-related environmental impact. Working in groups, students will then design a parcel of urban land within Ann Arbor using sustainable design techniques and alternative energies. Focusing on the Ann Arbor area, students will look at glacial and topographical evidence to analyze evidence of past climatic change. Geology, glaciology, paleoclimatology, and paleobiology are the main content areas.

*The four main goals of the Foundations of Science program are to: 1) integrate the separate science disciplines, 2) to do real science using projects as the driving force in the curriculum, 3) to create a classroom situation where the use of computational media is routine, and 4) to develop scientifically literate citizens. The development of FOS was supported by a grant from the National Science Foundation. Completion of three years of FOS is the equivalent of one year of college preparatory earth science, biology and chemistry.

SCIENCE, FOUNDATIONS OF II - BIO/PHYS

School(s): **Community**

Course #: **406012**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	Physics (.5) Biology (.5)	None	**APPROVED**

With an emphasis in Biology, Biochemistry, and Astronomy, the Foundations of Science II curriculum has students explore the question, “What is Life?” We start the year studying Mendelian genetics, cell division, DNA, protein synthesis, mutations, genetic diseases and DNA technology. Students will explore the questions, What’s in Your Genes? Why is no child identical to their parents? How do you grow? How does your DNA control your traits? In our next unit, we will explore the question, “Is Life On Earth Doomed To Extinction?” Students will be examining the interaction between two of the most important fundamental pillars of geology and biology. Evolution means change over time, and both the Earth and life undergo this process. Students will study the mechanisms of evolution and relate it to how the Earth has changed over time. Then we will expand our journey beyond the Earth and ask the question, “Is Anybody Out There?” Students will examine our solar system, stellar evolution, and cosmology. We will explore different theories of how life began on Earth.

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Science

SCIENCE, FOUNDATIONS OF III - BIO/CHEM

School(s): **Community**

Course #: **406013**

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	Chemistry (.5) Biology (.5)	None	**APPROVED**

The emphasis of this course is to integrate the tools of science and technology with broad scientific themes and apply these to major societal issues. Chemistry is the featured content area with biology being related to these topics. Content is organized around projects. The culminating design project of semester 1, Crash Test Dummies, requires students to use their knowledge of chemistry concepts to design, build, and test a vehicle that has a chemical air bag protecting an egg. Concepts required are periodicity, electron configuration, heats of reaction, equilibrium, moles, stoichiometry and gas laws. In semester 2, organic chemistry will be studied through researching and producing the organic molecule, soap, and debating the use of plastics in our society. Concepts of cell structure, bacterial and viral structure and function, and the immune system will be studied in the context of investigating emerging and reemerging infectious diseases.

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SCIENCE, FOUNDATIONS OF IV - THE PHYSICAL UNIVERSE

School(s): **Community**

Course #: **406014**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	Physics	None	**APPROVED**

The Physical Universe is an algebra-based, integrated science course that incorporates concepts from physics, biology, and chemistry. The class consists of four units, each with a different focus and approach to the physical universe. The first unit is mechanical physics, which includes kinematics, dynamics, vectors and forces. Students construct several machines and observe how these structures relate to mechanical phenomena. The second unit of the class involves particle physics where the students examine the interactions, forces, and attractions between elementary particles, and explore new research regarding particle accelerators and collisions. The astronomy and astrophysics unit addresses concepts regarding gravitation, light, and radiation. The students complete a project on a topic of their choosing related to the covered material. The course ends with a final unit on medical physics, biomechanics and biophysics. This portion of the course covers optics, work, energy, radiation exposure, nuclear medicine, and imaging in the context of how these topics relate to the human body.

The four main goals of the Foundations of Science program are to: 1) integrate the separate science disciplines, 2) to do real science using projects as the driving force in the curriculum, 3) to create a classroom situation where the use of computational media is routine, and 4) to develop scientifically literate citizens. The development of FOS was supported by a grant from the National Science Foundation. Completion of three years of FOS is the equivalent of one year of college preparatory earth science, biology and chemistry.

Social Studies

AFRICAN AMERICAN STUDIES

School(s): **Community, Huron*, Pathways*, Skyline**

Course #: **204031**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	**APPROVED**

The purpose of this course is to develop an appreciation and understanding of African-American culture, its historical, political, and social significance and its impact on the total society. It deals with the African origin and leads up through 21st century America.

*At **Huron and Pathways** this course is only offered in grades 11 & 12.

ASIAN/PACIFIC ISLANDER AMERICAN STUDIES

School(s): **Community**

Course #: **204034**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	US History & Geography	**APPROVED**

This course is an introduction to the history, culture, and interdisciplinary study of Asian/Pacific Islander Americans in the United States from the mid-1800s through present day. The course explores the topics of immigration, community formation, racism and resistance, labor, imperialism, global wars, politics, and economics, and the struggles for equity and justice. Through this course, students will understand the chronology of Asian/Pacific Islander American history in the United States, critically examine the traditional narrative of American history, and analyze the development of Asian/Pacific Islander American identities and communities across time and space as well as through intersections of race, class, gender, and other social identities and hierarchies.

ECONOMICS

School(s): **Community, Pathways, Pioneer, Skyline***

Course #: **201021**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Economics	None	**APPROVED**

This course is designed to promote the understanding of basic economic concepts on the local, national, and international level. It will also explore the roles of consumers and producers. Throughout this course students will learn from discussions, research, and interactive activities.

*At **Skyline**, this course is offered beginning 3rd Trimester for 10th grade.

ECONOMICS IB

School(s): **Huron**

Course #: **IB201021**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Economics	History & Geography World	**APPROVED**

Economics (IB) is intended to help students develop their understanding of the fundamental concepts of economics. The course will cover all of the economic social studies standards. This course is intended for 10th grade students. It will serve as an introductory class that will prepare students for upper level social studies courses and will meet the State of Michigan economics-social studies graduation requirement. The performance expectations of the course will focus on skills such as; analyzing economic systems, understanding changes in the market, evaluating changes in the business cycle, explaining monetary and fiscal policy responses to changes in the business cycle, and discussing the role of choice in regards to the usage of scarce resources from multiple perspectives that include households, firms, domestic economies, and the global economy.

Social Studies

ECONOMICS IB - ELL

School(s): **Huron**

Course #: **IB201029**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Economics	History & Geography World	**APPROVED**

This course is designed for English Language Learning (ELL) students. While meeting the academic Social Studies standards, it is also designed to meet the English language learning needs of students. Economics (IB) is intended to help students develop their understanding of the fundamental concepts of economics. The course will cover all of the economic social studies standards. This course is intended for 10th grade students. It will serve as an introductory class that will prepare students for upper level social studies courses and will meet the State of Michigan economics-social studies graduation requirement. The performance expectations of the course will focus on skills such as; analyzing economic systems, understanding changes in the market, evaluating changes in the business cycle, explaining monetary and fiscal policy responses to changes in the business cycle, and discussing the role of choice in regards to the usage of scarce resources from multiple perspectives that include households, firms, domestic economies, and the global economy.

ECONOMICS, BUSINESS

School(s): **Skyline**

Course #: **201023**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

This course is designed to help students become better participants in the economics process. The course draws upon a number of real-world events and problems to introduce and apply economic concepts. Students learn basic economic principles as well as business operations. The students learn how to operate their own business, prepare a business plan, conduct market research, raise capital, produce and sell product, and maintain records.

Credit given toward the Business Magnet at **Skyline**.

GENDER STUDIES

School(s): **Community*, Huron**

Course #: **204032**

Grade(s): **9*, 10*, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	**APPROVED**

This course provides students the opportunity to examine current issues in relation to women and gender roles. Students will look at the roles women had, and were expected to have, as well as what occurred when people have deviated from traditional roles and the consequences of that deviation for both men and women. Political, legal, religious and health issues are also discussed as they concern women and men historically and currently. The course takes a multicultural approach and utilizes a variety of class formats including lectures, discussions, and guest speakers. Primary source materials, and a project are included in the course requirements.

*At **Community**, this course is offered in grades 9-12.

GLOBAL POLITICS SL IB

School(s): **Huron**

Course #: **IB209300**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 terms	0.5 per term	US Government & Economics	None	**APPROVED**

Global Politics SL (IB) allows students to explore basic fundamental political concepts. It is designed for students to develop an understanding of the local, national, international, and global dimensions of political activity and processes, as well to explore political issues affecting their own lives. The course is intended for 11th and 12th grade students, and will serve as a component of the IB Diploma Program. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

Social Studies

GLOBAL RELATIONS, MODERN

School(s): **Community, Skyline**

Course #: **204036**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	**APPROVED**

This course will focus on significant topics in World History since the end of World War II. A major goal of the course is to encourage an understanding and evaluation of current world events in light of their historical background. Students will be expected to read current news publications in addition to assigned text materials and will be engaged in an examination of a key world conflict or problem throughout the course.

GOVERNMENT AND POLITICS, U.S., AP

School(s): **Huron*, Pathways, Pioneer**, Skyline**

Course #: **201042**
201043, 201044

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term	US Government***	None	**APPROVED**

The course is designed to give students a critical perspective on politics and government. This course involves both the study of general concepts used to interpret United States politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality.

This course includes preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

*At **Huron**, this course is offered in 10th grade.
At **Pioneer, this course is offered in grades 11 & 12.
***Students who complete only 1 term receive 0.5 credit as General Elective. Students must complete 2 terms to receive the 0.5 credit for U.S. Government.

GOVERNMENT, U.S.

School(s): **Community*, Pathways, Pioneer**, Skyline*****

Course #: **201041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	US Government	None	**APPROVED**

This course offers special emphasis on the purposes of government, the historical evolution of the American political system, the U.S. Constitution, the branches of the national government, the elective process, and a review of state and local government.

*At **Community,** this course is offered in grades 9-12.
At **Pioneer, this course is offered in grades 11 & 12.
***At **Skyline,** this course is offered in 10th grade in Trimester 3.

GOVERNMENT, U.S. IB

School(s): **Huron**

Course #: **IB201041**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	US Government	History & Geography World	**APPROVED**

Government, U.S. (IB) covers the Michigan Department of Education High School Content Expectations for U.S. Government. Units of study will include Conceptual Foundations of Civic & Political Life, Origins & Foundations of Government, Structure and Functions of Government, the U.S. & World Affairs, and Citizenship in the U.S. Emphasis in this course will be placed on connecting current events in our local, state, national, and international communities to the state standards.

Social Studies

GOVERNMENT, U.S. IB - ELL

School(s): **Huron**

Course #: **IB201049**

Grade(s): **10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	US Government	History & Geography World	**APPROVED**

This course is designed for English Language Learning (ELL) students. While meeting the academic Social Studies standards, it is also designed to meet the English language learning needs of students. Government, U.S. (IB) covers the Michigan Department of Education High School Content Expectations for U.S. Government. Units of study will include Conceptual Foundations of Civic & Political Life, Origins & Foundations of Government, Structure and Functions of Government, the U.S. & World Affairs, and Citizenship in the U.S. Emphasis in this course will be placed on connecting current events in our local, state, national, and international communities to the state standards.

HISPANIC AMERICAN STUDIES

School(s): **Community**

Course #: **204035**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	**APPROVED**

The purpose of this course is to develop an appreciation and understanding of Hispanic-American culture, its historical, political, and social significance and its impact on the total society. It deals with the Hispanic origin and leads up through 20th century America.

HISTORY AND GEOGRAPHY, U.S.

School(s): **Community, Pathways, Pioneer*, Skyline*, Huron ****

Course #: **203012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Terms-Pathways	0.5 per term	US History & Geography	None	**APPROVED**

The historical development of our nation is studied to help students know how its social, cultural and political institutions developed. Students will, therefore, comprehend the causes of the problems which exist in contemporary society. Attention will be given to an analysis of the effects of the unique multiethnic/multicultural composition of this country's population on the evolution of its national history. The first term covers a brief review of early American history to reconstruction and focus is on the late 1800's through the Great Depression. The second term covers the development of modern America through the 20th century to the present. Research projects and reading outside the text are required both terms. The course content covers a brief overview of early American history with focus on the late 1800's to the present.

*At **Pioneer & Skyline**, this course is offered in 10th grade.
At **Huron, this course is offered in 11th grade.

HISTORY AND GEOGRAPHY, U.S. - ELL

School(s): **Huron**

Course #: **203011**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term	US History & Geography	None	**APPROVED**

This course is designed to meet English language learning needs, provide the necessary cultural and historical background knowledge, as well as facilitate the U.S. History content demands for the English language learners. Students will discover American history beginning with the formation of the American nation and conclude with experiences of the United States in the modern era. American geography will also be a focus, including both state and physical maps, and the influence of geography on American growth. An emphasis will be placed on skills relating to graph, table, chart and image interpretation to assist students with their comprehension of history information.

Social Studies

HISTORY AND GEOGRAPHY, WORLD

School(s): **Community, Pathways, Pioneer, Skyline**

Course #: **203021**

Grade(s): **9*, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Terms-Pathways	0.5 per term	World History & Geography	None	**APPROVED**

This course examines the world chronologically and thematically. The purpose of this course is to enable students to understand their connections to the development of civilizations. They will examine the past to prepare for their futures as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to address contemporary problems in academic, civic, social, and employment settings.

***This course is the 9th grade course for high school students.**

HISTORY AND GEOGRAPHY, WORLD IB

School(s): **Huron**

Course #: **IB203021**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term	World History & Geography	None	**APPROVED**

World History and Geography (IB) is intended intended for 9th grade students and follows the World History class from 7th grade. It will serve as an introductory class that will prepare students for upper level social studies courses and will meet the State of Michigan world history graduation requirement. The performance expectations of the course will focus on inquiry-based exercises, research and collaborative projects as well as academic skills including note-taking, group and individual comprehension skills.

HISTORY AND GEOGRAPHY, WORLD IB - ELL

School(s): **Huron**

Course #: **IB203039**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term	World History & Geography	None	**APPROVED**

This course is designed for English Language Learning (ELL) students. While meeting the academic Social Studies standards, it is also designed to meet the English language learning needs of students. World History and Geography (IB) is intended for 9th grade students and follows the World History class from 7th grade. It will serve as an introductory class that will prepare students for upper level social studies courses and will meet the State of Michigan world history graduation requirement. The performance expectations of the course will focus on inquiry-based exercises, research and collaborative projects as well as academic skills including note-taking, group and individual comprehension skills.

Social Studies

HISTORY HL YR 1 IB
HISTORY HL YR 2 IB

School(s): **Huron**

Course #: **IB209200, IB209201**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms each	0.5 per term	US History & Geography		**APPROVED**

History HL Yr1 (Grade 11)

The History HL Yr1 (IB) is the first year of a two-year course that is based on a comparative and multi-perspective approach to history. It is evidence-based and involves a rigorous exploration of the past with an emphasis on the global perspective. The standard level IB course (year one of the HL) will explore themes of Global War, including the rise of Authoritarian States and the cause and effects of 20th Century Wars. It will also stress the role the United States played in the 20th Century. The content of this course will also cover all the Michigan High School Social Studies Content Expectations for U.S. History and Geography. The second year (HL) will focus on a history of Europe highlighting the Renaissance, Absolutism, Enlightenment and the First World War. This course satisfies the Individuals and Group 3: Societies requirement for Full IB Diploma students.

History HL Yr2 (Grade 12)

The History HL Yr2 (IB) course is the second year of a two-year course that is based on a comparative and multi-perspective approach to history. It is evidence-based and involves a rigorous exploration of the past with an emphasis on the global perspective. The standard level IB course (year one of the HL) will explore themes of Global War, including the rise of Authoritarian States and the cause and effects of 20th Century Wars. It will also stress the role the United States played in the 20th Century. The content of this course will also cover all the Michigan High School Social Studies Content Expectations for U.S. History and Geography. The second year (HL) will focus on a history of Europe highlighting the Renaissance, Absolutism, Enlightenment and the First World War. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

HISTORY OF RACISM AND RESISTANCE IN THE UNITED STATES

School(s): **Community, Huron, Pioneer, Skyline, Pathways**

Course #: **203061**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	US History & Geography	**APPROVED**

This course explores the history of racial oppression and resistance to that oppression in the United States with emphasis on the 19th and 20th Centuries. Grounded in a disciplinary historical approach, the course examines multiple, contemporary formats of documenting our nation's history with race. Students will conduct their own historical research about a local actor, place, time period, and/or event related to the course topics. The goal of this research will be to engage with the community to document local history for a public audience.

HISTORY OF ROCK AND ROLL

School(s): **Skyline, Pioneer**

Course #: **203042**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	

Rock and Roll music has played a major role in U.S. history. Popular music has been the "voice" of the people during the 20th century. Powerful social, political, and economic messages have existed in music. Students will examine the influence of rock and roll music on major historical trends: Harlem Renaissance, Great Depression, Native Americans, Women's Rights Movement, World War II, Civil Rights Movement, and the Vietnam War. Artists will include: Joan Baez, Cab Calloway, Johnny Cash, CSNY, George Clinton, Aretha Franklin, Jimi Hendrix, Billie Holiday, Iron Maiden, Spike Jones, etc. The eight genres of rock and roll will be studied: country, folk, pop, jazz, rhythm and blues, blues/soul, and gospel (white & black).

Social Studies

HISTORY OF THE 1960s

School(s): **Community**

Course #: **203032**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	US History & Geography	**APPROVED**

This course examines the political and cultural developments of the 1960s, a decade that has excited more popular and academic attention than any other in the American twentieth century. During this decade, powerful social currents of race, gender, class, and culture emerged to challenge mid-century society's status quo. This course explores the people, events, and movements of the 1960s that became transformational in U.S. history, including the Great Society, Civil Rights, Black Power, the war in Vietnam, political realignment, and Counterculture.

HISTORY OF THE HOLOCAUST

School(s): **Skyline**

Course #: **982024**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	World History & Geography	**APPROVED**

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multidisciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

HISTORY SL IB

School(s): **Huron**

Course #: **IB209101**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term	US History & Geography	None	**APPROVED**

The History SL (IB) course is based on a comparative and multi-perspective approach to history. It is evidence-based and involves a rigorous exploration of the past with an emphasis on the global perspective. The will explore themes of global war, including the rise of Authoritarian States and the cause and effects of 20th Century Wars. It will also stress the role the United States played in the 20th Century. The content of this course will also cover all the Michigan High School Social Studies Content Expectations for U.S. History and Geography. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

HISTORY, CURRENT

School(s): **Community, Huron, Pathways, Pioneer***

Course #: **203031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	**APPROVED**

Too often, we are inclined to look at history without assessing its relationship to current events from a global perspective. Conversely, we often experience and witness current events without understanding their roots and history. This course will allow students to investigate the historical roots of contemporary issues found in the realms of politics, economics, the media, popular culture, education and race and gender issues.

*At **Pioneer** this course is only offered in grades 11 & 12.

Social Studies

HISTORY, EUROPEAN AP

School(s): **Huron, Skyline**

Course #: **203023**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term		None	**APPROVED**

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the history of Europe between 1450 and the present. The program prepares students for college courses by making demands upon them equivalent to those made by freshman level college courses. Students will learn to assess historical materials - their relevance to a given interpretive problem, their validity, their nature of bias, the point of view, and their importance - and to weigh the evidence and interpretations presented in historical scholarship. One major goal is to develop and practice the skills necessary to arrive at conclusions or informed judgments and to present reasons and evidence clearly and persuasively in essay format. Students will be required to apply the effort necessary to act as an historian.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

HISTORY, U.S. - ALTERNATE PERSPECTIVES

School(s): **Community**

Course #: **203008**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 terms	0.5 per term	US History & Geography	None	**APPROVED**

This course will include the study of U.S. history from approximately 1860 to the present, but from different points of view. For example, we know about white abolitionists and their questions to slavery, but what were the thoughts, plans, actions of enslaved Americans and other people of color who contributed to the building of this nation? What was the Native American perception of the settlement of the West? These questions and many others will be addressed in this special course with a unique perspective on U.S. history.

HISTORY, U.S. AP

School(s): **Huron*, Pioneer**, Skyline**

Course #: **203016**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Terms-Skyline	0.5 per term	US History & Geography	None	**APPROVED**

This course undertakes a general survey of American history. It is distinguished from other high school American history courses in that it places emphasis on historiography, comparisons of historical interpretations, and the use of original resources. Students are expected to read a wide variety of materials and to pursue individual study. This course will focus on our country's major cultural, political and social institutions as well as the contributions and struggles of the people during the growth and development of the United States. The course also places a greater emphasis on writing. In his/her writing, the student is encouraged to use analytic techniques, to interpret data and points of view, to make generalizations, draw conclusions, to use footnotes and bibliography, as well as to improve skills in writing the essay.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

*At **Huron**, this course is offered in 11th grade.
At **Pioneer, this course is offered in 10th grade.

Social Studies

HISTORY, U.S. THROUGH MUSICAL THEATRE

School(s): **Community**

Course #: **203044**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	US History & Geography	**APPROVED**

The musical, like jazz, is a quintessentially American art form; and like our country, it has been forged from many influences. This course explores the evolution of the American musical theatre and centers this art form as historical artifact. The course focuses on how musical theatre has dealt with issues of identity, discrimination, representation, inclusion, and celebration. Historiography plays a central role in this course, as students learn to grapple with the values of very different historical eras, to practice historical empathy, and to assess how cultural norms and historical narratives change over time.

HISTORY, WORLD IN FILM

School(s): **Huron, Pioneer, Skyline**

Course #: **203041**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	

This is a class designed to look at how historical events are portrayed in film. We will view films related to different historical events and discuss their strengths and weaknesses in terms of portraying the events and the facts surrounding the events.

Social Studies

HUMANITIES, AFRICAN AMERICAN HISTORY AC
HUMANITIES, AFRICAN AMERICAN LITERATURE AC

School(s): **Huron*, Pioneer**, Skyline*****

Course #: **203015**
105014
105018, 105019

Grade(s): **10, 11, 12 (see notes)**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms (2 periods/term)	1.0 per term	**HIST:** US History & Geography or General Elective **LIT:** English 10 or English Elective	Must be enrolled in both courses	**APPROVED**

Traditional areas in U.S. history and literature are covered from an African-American perspective. An interdisciplinary approach is used incorporating African-American literature, art, music, and culture throughout the curriculum. This course utilizes a variety of materials and class activities including lectures, discussions, use of primary materials and projects. Research and reading outside the text are required for both terms. Students are required to do concentrated reading of challenging materials and formal expository writing.

Students must select both courses and are expected to take both terms.

*At **Huron,** this course is only offered in grade 10.
At **Pioneer, this course is only offered in grade 10.
***At **Skyline,** this course is only offered in grade 12.

HUMANITIES, SOCIAL STUDIES AC
HUMANITIES, LITERATURE AC

School(s): **Huron, Pioneer**

Course #: **203022**
105026
105027, 105028

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms (2 periods/term)	1.0 per term	General Elective (1.0) and English Elective (1.0)	Must be enrolled in both courses	**APPROVED**

This course is designed for high school seniors who wish to study recognized classics of the Western world in an interdisciplinary setting. These works are read against a cultural background of art, music, and intellectual history, and in a chronological sequence. Students read challenging materials and formal expository writing. The course covers major works of art, music, literature, and economic and political philosophers central to Western Civilization. An attempt is made to integrate these disciplines chronologically in order to make the student aware of the impact of one discipline upon the other. The formal lecture is used extensively, together with small group discussions.

Students enrolling are expected to take both terms. There is no prerequisite to enroll in Humanities AC, but it is recommended that students have taken at least one literature course.

Social Studies

HUMANITIES, WORLD HISTORY AC
HUMANITIES, WORLD LITERATURE AC

School(s): **Skyline**

Course #: **203054**
105029

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms (2 periods/term)	1.0 per term	General Elective (1.0) and English Elective (1.0)	Must be enrolled in both courses	**APPROVED**

This course is designed for high school seniors who wish to study world cultures in an interdisciplinary setting. Students are required to read challenging primary and secondary materials, participate in debate, and produce creative student-centered assignments. Students analyze literature, architecture, dance, philosophy, anthropology, history, theater, film, art, and music in a thematic sequence. The literature section uses the reading workshop and writing laboratory models as students engage in the rigorous exploration of world cultures. As a reading workshop, this course teaches students to do close analytical readings of challenging primary and secondary texts. Students work through these texts in an effort to make social, historical, ideological, and discursive connections among various cultures and time periods. Students should expect to thoroughly analyze a number of visual and printed mediums including critical essays, visual art, novels, poems, music, films, advertisements, plays, and television shows. Students will use a variety of analytical techniques such as dialogic journaling, annotated readings, and guided notes to delve into texts. As a writing laboratory, a great deal of attention is given to the writing process. Critical theory, focused readings, substantive research, visual media, and rich discussions provide the basis for student writing. Students are expected to write formally and informally both inside and outside of the classroom.

Students must select both courses and are expected to take both terms.

LAW

School(s): **Community, Huron, Pioneer*, Skyline****

Course #: **201011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	**APPROVED**

This course will focus on an examination of the purpose of law; fundamental principles and values underlying the U.S. Constitution; laws and legal systems; principles and procedures related to criminal law; the juvenile justice system; principles and procedures related to civil law; and current issues and controversies related to law and the legal system. This course will be an elective option.

*At **Pioneer,** this course is offered in grades 11 & 12.
At **Skyline, this course is offered in grades 10, 11, & 12.

LAW, ADVANCED

School(s): **Community, Huron, Skyline**

Course #: **201012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	Law	**APPROVED**

This course will focus on an examination of the purposes of law; fundamental principles and values underlying the Constitution, laws and legal systems of the United States; principles and procedures related to criminal law; principles and procedures related to civil law; current issues and controversies relating to law and the legal system. The material covered in Law will be reviewed briefly. While similar topics will be covered, they will be covered in greater depth. Less attention will be paid to defining crimes and more attention will be given to examining real cases and social problems. At least one mock trial will be held. Short papers will be required.

Social Studies

LEADERSHIP IN SOCIAL JUSTICE & DIVERSITY

School(s): **Skyline**

Course #: **208032**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		US History & Geography	

This course is designed for students of all races, ethnicities, gender orientation and backgrounds to develop their own cultural maturity and learn leadership skills that they can call on as they move on to higher education and careers in a multicultural society. Each quarter, students learn what Social Justice is through the lens of diversity, using history, literature, and the exploration of one's identity. The course scope and sequence requires students to have a deeper understanding of themselves, their school, their community, their nation and their world. Concurrently, students are learning the necessary leadership skills to make change in themselves and the larger community.

MACROECONOMICS, AP

School(s): **Huron, Pioneer, Skyline**

Course #: **201026**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Economics	None	**APPROVED**

AP Macroeconomics is a one term college-level course that provides an introduction to the principles of economics that apply to an economic system as a whole. Topics that will be discussed and examined in-depth will reflect the material included in the AP Macroeconomics Course Description from the College Board. These include an analysis of national income and its components, economic indicators, inflation and unemployment, money and banking, stabilization policies, and the United States and world trade. The course emphasizes the study of national income, price determination, economic performance measures, economic growth, and international economics.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

*At **Pioneer**, this course is offered in grades 11 & 12.

MICROECONOMICS, AP

School(s): **Huron, Pioneer, Skyline**

Course #: **201025**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Economics	None	**APPROVED**

AP Microeconomics is a one term college-level course that provides an introduction to the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. Topics that will be discussed and examined in-depth will reflect the material included in the AP Microeconomics Course Description from the College Board. The course provides particular emphasis on the function of consumers and producers within the economic system. The course also offers analysis of the markets in which consumers and producers interact as well as non-market economics.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

*At **Pioneer**, this course is offered in grades 11 & 12.

Social Studies

MOCK TRIAL

School(s): **Community, Huron**

Course #: **201051**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

Student teams prepare mock trial cases and participate in the Michigan High School Mock Trial Tournament. Students learn about trial procedure and rules and evidence and work with the teacher coach and attorney coaches to prepare a case for state competition in March or April. Team membership may include participation in the national tournament in May. Placement on a competitive team requires audition and coach approval. Teams meet outside of regular class hours, at night and on weekends.

Second term registration with meetings starting in October.

NATIVE AMERICAN STUDIES

School(s): **Community, Huron, Skyline**

Course #: **204033**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5 per term		None	**APPROVED**

This course focuses on Native American histories, cultures, and governance within North America. Native communities, tribes, and nations from various regions are featured in order to demonstrate the diversity of Native culture. Tribal governance, cultural practices, and economic systems are explored. This course emphasizes Native American perspectives and works by Native authors and scholars.

PEACE STUDIES

School(s): **Community**

Course #: **204034**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5 per term		None	

From inner peace to world peace, students will read the works of numerous messengers of Peace such as Mahatma Gandhi, Martin Luther King, Jr., Thich Nhat Hahn, Rigoberta Menchu and Marine Corp. Major General Smedley Butler. Students monitor contemporary peace celebrations, organizations and demonstrations. They will study an area of conflict in the world today and discover the inroads and challenges to peaceful resolution. Methods of peacemaking are explored and discussed. Creativity and activism are encouraged but not required.

PEER FACILITATING

School(s): **Community, Huron, Pioneer, Skyline**

Course #: **205021**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

The purpose of the course is to prepare students to serve as peer facilitators. Skills are developed through the study and practice of communication skills, self-exploration exercises, and decision-making and problem-solving techniques. Students are involved in class and small group discussions and role-playing situations. Students also work in pairs in practice peer facilitating sessions which are video taped and presented to the class for feedback and discussion. The students select the topics to study and speakers from the community are brought in to aid in the study. Topics generally center around the issues of family communication, divorce, stress, depression, suicide, death and grief, substance abuse, dating, sexuality, and the building of self esteem.

This course is open second term to 10th grade students.

Social Studies

PHILOSOPHY

School(s): **Community, Huron, *Pioneer**

Course #: **204021**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	**APPROVED**

This course will examine some of the traditional and contemporary issues and problems of philosophy. Areas of consideration will include ethics, aesthetics, theories of knowledge, logic, freedom, responsibility, and the role of the individual in society. Students will read selections relating to these topics and analyze and assess their relative merits and flaws. Students will draft their own responses/arguments to the various philosophical issues raised. Critical thinking will be the focus.

*At **Pioneer** this course is only offered in grades 11 & 12.

PSYCHOLOGY

School(s): **Community, Huron, Pathways Pioneer*, Skyline****

Course #: **205011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	**APPROVED**

Psychology is a survey course designed to clarify and build an understanding of ourselves, our peers, and other important relationships in our lives. The emphasis is placed upon learning the skills and approaches necessary to study human behavior and mental processes. This includes: how we learn to be ourselves, how we store memories and experiences, how we think, how our physical being affects our mind, factors motivating our behaviors, and learning basic skills to promote healthy relationships.

*At **Pioneer**, this course is only offered in grades 11 & 12.
At **Skyline, this course is only offered in grades 10-12.

PSYCHOLOGY SL IB

School(s): **Huron**

Course #: **IB209400**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term	General Elective	None	**APPROVED**

The Psychology SL (IB) course aims are to teach the students major principles in the field of Psychology, to understand research methods, and to educate students about human behavior and cognition. The course content will focus on biological, cognitive and sociocultural levels of analysis through the evaluation of research studies and theories. Students will also conduct an experiment and write a report on findings. They will also explore one of the following research topics in depth: abnormal psychology, developmental psychology, health psychology, psychology of human relationships. The goal of the course is to teach students how to be critical thinkers, analyze research, explore research methods and to understand the relationship between biopsychosocial events and our behaviors and mental processes. This course satisfies the Group 3: Individuals and Societies requirement for Full IB Diploma students.

PSYCHOLOGY, AP

School(s): **Pioneer, Skyline**

Course #: **205017**
205018

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term	General Elective	None	**APPROVED**

AP Psychology is a course for 11th and 12th graders and like other AP courses, is intended to be consistent with the content, level of difficulty, critical thought, and pacing students would experience in a freshman level university course. This survey course will introduce students to the major issues in psychology, the assumptions upon which it is based, and the goals and research methods it employs to achieve these goals. There will be an additional focus on experiential learning. Psychology/Introduction to Psychology functions as the prerequisite for this course.

Social Studies

PSYCHOLOGY, APPLIED

School(s): **Huron, *Pioneer, Skyline**

Course #: **205012**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	Psychology	**APPROVED**

This student-centered course personalizes the content and techniques from Psychology and applies them to our everyday life. Student-designed projects and interaction help build on our understanding of how best to absorb the importance of learning about human behavior and the consequences of our actions.

* At **Pioneer**, this course is only offered in grades 11 & 12.

SOCIOLOGY

School(s): **Community, Skyline**

Course #: **221081**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	General Elective	None	**APPROVED**

This course will allow students to look at the world in a much different way than they usually would. They will be looking at the world through the eyes of someone else. Students will use critical thinking and research methods to understand society through different points of view. Some topics to be discussed include crime, deviance, social control, social inequality, gender, racial and ethnic minorities, human relationships, family, the impact of groups on the individual, and social change. Students will have an opportunity to uncover the role they play in society and the role society has in shaping their identity.

WE THE PEOPLE: GOVERNMENT, POLITICS AND LAW

School(s): **Pioneer**

Course #: **203060**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 terms	0.5 per term	US Government & General Elective	US History & Geography	**APPROVED**

We the People: Government, Politics, and Law is a two-term academic course as well as a competitive team focused on government, politics, and law. The We the People: Government, Politics, and Law course satisfies the standards for the U.S. Government graduation requirement, emphasizing the purpose of government, the historical evolution of the American political system, the U.S. Constitution, branches of the government, the elective process, and state and local government. Additionally, the course covers advanced topics about political science and constitutional law.

Students enrolled in the We the People: Government, Politics and Law course can compete on the We the People team — an extracurricular team that participates in a series of interscholastic competitions organized by the Center for Civic Education.

Special Programs

RISING SCHOLARS

Education and Leadership Development 9

School(s): **Huron**

Course #: **903013**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 terms	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development 9 is the anchor course for the Rising Scholars Program. A yearlong course, the course focuses on foundational skills for success in high school. Main pillars of the 9th grade course include: Leadership, College and Career Readiness, Academic/Study Skills and Community Service. Students focus on developing soft skills that will be vital to their success in future AP and AC courses and higher education. Must be enrolled in the Rising Scholars program.

Education and Leadership Development 9-10 (A)

School(s): **Pioneer**

Course #: **903015**

Grade(s): **9 and 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 terms	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development 9-10 is the anchor course for the Rising Scholars Program. A yearlong course, the course focuses on foundational skills for success in high school. Main pillars of the 9th grade course include: Leadership, College and Career Readiness, Academic/Study Skills and Community Service. Students focus on developing soft skills that will be vital to their success in future AP and AC courses and higher education. 10th grade students who joined the program after 9g may opt to take this course. Must be enrolled in the Rising Scholars program.

Education and Leadership Development 9-10 (B)

School(s): **Pioneer**

Course #: **903016**

Grade(s): **9 and 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 terms	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development 9-10 is the anchor course for the Rising Scholars Program. A yearlong course, the course focuses on foundational skills for success in high school. Main pillars of the 9th grade course include: Leadership, College and Career Readiness, Academic/Study Skills and Community Service. Students focus on developing soft skills that will be vital to their success in future AP and AC courses and higher education. 10th grade students who joined the program after 9g may opt to take this course. Must be enrolled in the Rising Scholars program.

Education and Leadership Development 9-10 (B)

School(s): **Skyline**

Course #: **903017**

Grade(s): **9 and 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 terms	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development 9-10 is the anchor course for the Rising Scholars Program. A 2-trimester course, the course focuses on foundational skills for success in high school. Main pillars of the 9th grade course include: Leadership, College and Career Readiness, Academic/Study Skills and Community Service. Students focus on developing soft skills that will be vital to their success in future AP and AC courses and higher education. 10th grade students who joined the program after 9g may opt to take this course. Must be enrolled in the Rising Scholars program.

Special Programs

Education and Leadership Development Studies 11

School(s): **Huron**

Course #: **208036**

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development Studies 11 is a 1-semester junior year course designed to help Rising Scholars prepare for their post-secondary education. In this course, students explore their options for colleges, explore career paths, begin identifying and applying for scholarships and learning financial literacy. Must be enrolled in the Rising Scholars program.

Education and Leadership Development Study (B) 11

School(s): **Pioneer**

Course #: **208039**

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 term	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development Studies 11 is a 1-semester junior year course designed to help Rising Scholars prepare for their post-secondary education. In this course, students explore their options for colleges, explore career paths, begin identifying and applying for scholarships and learning financial literacy. Must be enrolled in the Rising Scholars program.

Education and Leadership Development Study (A) 11

School(s): **Skyline**

Course #: **208038**

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 term	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development Studies 11 is a 1-trimester junior year course designed to help Rising Scholars prepare for their post-secondary education. In this course, students explore their options for colleges, explore career paths, begin identifying and applying for scholarships and learning financial literacy. Must be enrolled in the Rising Scholars program.

Education and Leadership Development Study (C) 11

School(s): **Skyline**

Course #: **208040**

Grade(s): **11**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 term	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development Studies 11 is a 1-trimester junior year course designed to help Rising Scholars prepare for their post-secondary education. In this course, students explore their options for colleges, explore career paths, begin identifying and applying for scholarships and learning financial literacy. Must be enrolled in the Rising Scholars program.

Education and Leadership Development Studies 12

School(s): **Huron**

Course #: **208037**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development Studies 12 is a 1-semester senior year course designed to help Rising Scholars prepare for their post-secondary education. In this course, students explore their options for colleges, explore career paths, complete the admission process for an institution(s) of their choosing, create a transition plan and work to identify and secure scholarships. Must be enrolled in the Rising Scholars program.

Special Programs

Education and Leadership Development Study (A) 12

School(s): **Pioneer**

Course #: **208041**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 term	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development Studies 12 is a 1-semester senior year course designed to help Rising Scholars prepare for their post-secondary education. In this course, students explore their options for colleges, explore career paths, complete the admission process for an institution(s) of their choosing, create a transition plan and work to identify and secure scholarships. Must be enrolled in the Rising Scholars program.

Education and Leadership Development Study (C) 12

School(s): **Skyline**

Course #: **208043**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 term	0.5	Elective	Must be a Rising Scholar	

Education and Leadership Development Studies 12 is a 1-trimester senior year course designed to help Rising Scholars prepare for their post-secondary education. In this course, students explore their options for colleges, explore career paths, complete the admission process for an institution(s) of their choosing, create a transition plan and work to identify and secure scholarships. Must be enrolled in the Rising Scholars program. Must be enrolled in the Rising Scholars program.

TRAILBLAZERS

TRAILBLAZERS

School(s): **Pioneer**

Course #: **904010**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	General Elective	None	

Trailblazers is an experiential learning course offered to seniors who are interested in learning and practicing the skills necessary to be an effective teacher and mentor. Trailblazers is a combination of instruction from a certified secondary teacher and direct experience in an elementary classroom, supervised by the elementary teacher and site supervisor.

Visual and Performing Arts: Art

ART: AREA OF EMPHASIS: Students are required to plan and complete a 2.5 credit program of study or area of emphasis. In preparation for further study beyond high school or for careers in the art and design field, students may plan a program with an art emphasis. Art courses may also be combined with other areas of the curriculum to create a combined focus. Students are encouraged to work with a member of the art staff to plan a program of study that will meet their post-high school goals.

ART AND DESIGN

School(s): **Pathways, Pioneer, Skyline**

Course #: **711011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

Pathways, Pioneer

Students examine the significance of the visual arts in our lives. Design elements and compositional principles are studied as part of learning studio techniques. This course will help students appreciate the joy of creating art and deepen their understanding of the role of art and design in society. Students of all levels and abilities are welcome in this course of study. Students will be evaluated according to their studio participation, quality of work, critical thinking, and class discussions. This course is intended for students with a strong interest in art who are considering professional study or an art career.

Skyline

In this introductory-level class, students examine the significance of the visual arts in our lives. Design elements and compositional principles are studied as studio techniques are applied. This course will help students appreciate the joy of creating art and increase their understanding of the role of art and design in society. Students will be evaluated according to their studio habits, effort, critical thinking, and participation in class discussions. This course is intended for students interested in gaining an introductory-level understanding and appreciation of art fundamentals, as well as in studying or strengthening their art skills in preparation for higher-level classes.

ART AND DESIGN AP

School(s): **Pioneer, Skyline**

Course #: **711015, 711016, 711017**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

AP Art & Design (Studio Art) course requires students to create a portfolio over two trimesters that demonstrates their skills in one of the following areas of concentration: 2-D Art and Design, 3-D Art and Design, or Drawing. The portfolio submitted to the College Board will include a "Sustained Investigation" of a topic, featuring 15 art pieces that demonstrate development, experimentation, and revision, along with a supporting written component. Students must also submit a separate portfolio to the College Board with 5 additional works of art that showcase their best work in either 2-D Art and Design, 3-D Art and Design, or Drawing.

ART AND DESIGN AT COMMUNITY

School(s): **Community**

Course #: **711012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

The purpose of this class is for the student to become enthused and curious about 2-dimensional art and design. We'll do this by learning what makes an effective composition, why some designs catch our attention, and why others do not. A successful art student is not defined by how well you draw a straight line, but by the desire and effort you put into the creative process. Media used include: graphite, charcoal, watercolor, oil pastel, soft paste, ink, and printmaking.

Visual and Performing Arts: Art

ART AND DESIGN IB

School(s): **Huron**

Course #: **IB711011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Semester	0.5	VPAA: Art	None	

Art and Design IB students examine the significance of the visual arts in our lives. Design elements and compositional principles are studied as part of learning studio techniques. This course will help students appreciate the joy of creating art and deepen their understanding of the role of art and design in society. Students will be evaluated according to their studio participation, quality of work, critical thinking, and class discussions. Emphasis is placed on materials exploration and artistic reflection using visual journals. Group and individual critiques are an essential part of the evaluation and reflection process. This course is intended for students of all levels and abilities. It is also the foundational course for students with a strong interest in art who are considering professional study or an art career.

ART HISTORY, AP

School(s): **Skyline**

Course #: **712033**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5 per term	VPAA or General Elective	None	

The AP Art History course is equivalent to a two-trimester introductory college course that explores the nature of art, art making, and responses to art. By investigating the specific course content of 250 works of art, characterized by diverse artistic traditions and cultures from prehistory to the present, the course cultivates an in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the worldwide art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art-making, responses to, and interpretations of art.

ART PORTFOLIO, ADVANCED

School(s): **Community, Skyline**

Course #: **712032**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	● Teacher recommendation-Community ● Drawing, Painting, and another 2D/3D art class-Skyline	

This course emphasizes traditional and nontraditional painting and drawing skills and how to express personal concepts using these skills. We will address the articulate use of visual language, focusing on the formal visual elements, philosophical issues, responses to the world around us, global issues, interior life, and personal history. This course also helps students develop high-quality portfolios for admission to art schools, programs, and future artistic endeavors. Critiques are an essential part of the course.

ART PORTFOLIO, ADVANCED AC

School(s): **Huron**

Course #: **712031**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design; Drawing, Painting & Printing, a 3rd Art elective; or teacher recommendation	

This course is recommended for students with a strong interest in art who are capable of working independently, have a basic knowledge of composition principles, have worked with a variety of art materials, and are motivated to complete assigned tasks. Units of study are planned to achieve a balance between the mastery of specific skills, personal expression, and creative problem-solving. Media experiences in design, drawing, painting, printmaking, illustration, sculpture, and/or ceramics may be included. Students will create a portfolio of their artwork that is acceptable for college admission review.

May be repeated for additional credit.

Visual and Performing Arts: Art

ART, MIXED-MEDIA

School(s): **Community, Huron**

Course #: **714012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design IB (Huron only)	

Students will be guided in producing visual art that combines traditional and non-traditional media. Various techniques involving the use of two or more media, such as ink and pastel or painting and collage, will be combined in single compositions. There will be an emphasis on studying the elements and principles of design, with a focus on creating a unified composition. Critiques and field trips will be an essential aspect of this course.

ART, SALVAGE

School(s): **Community, Skyline**

Course #: **713030**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

In this course, students will be involved in making art from found material. You will use discarded objects, scrap, wrapping/packaging, and recyclable material to make new things that exist as Art.

CERAMICS AND SCULPTURE I

School(s): **All High Schools**

Course #: **713011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	● Art & Design-Huron ● Teacher Recommendation-Community, Pathways, Pioneer	

In this course, students will explore a broad range of techniques and approaches to creating three-dimensional works of art. Students will be guided in creating original works of art that demonstrate knowledge of design principles. Although the ceramic process will be the focus of most lessons, there will also be an emphasis on other media, including, but not limited to, wood, plaster, wire, metal, and paper.

The ceramic component of the class will involve using clay by hand-building or throwing on the wheel. The development of technical skills and artistic vocabulary will include scoring, slipping, slab, coil, and pinch techniques, bisque firing, painting, and various glazing techniques.

CERAMICS AND SCULPTURE I IB

School(s): **Huron**

Course #: **IB713011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design	

In this course, students will explore a broad range of techniques and approaches to creating three-dimensional works of art with clay. Students will be guided in creating original works of art that demonstrate knowledge of design principles. The ceramic component of the class will involve using clay by hand-building or throwing on the wheel. The development of technical skills and artistic vocabulary will include scoring, slipping, slab, coil, pinch, and sculptural techniques, bisque firing, painting, and various glazing techniques.

Visual and Performing Arts: Art

CERAMICS AND SCULPTURE II

School(s): **Community, Huron, Pioneer, Skyline**

Course #: **713012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Ceramics & Sculpture I	

Huron, Pioneer, Skyline

This course is a continuation of the beginning ceramics and sculpture class with emphasis on advanced techniques. In addition to clay formation processes, advanced study encompasses glaze mixing, and personal experimentation is encouraged. Through these experiences, the students will study the history of three-dimensional forms and develop an understanding of how clay forms have recorded the phases of human culture.

May be repeated for credit.

Community

This class is a continuation of "Ceramics & Sculpture I". Students will explore more advanced concepts beyond the basics. This class will involve ceramic instruction, including, but not limited to, hand-building and sculpting with stoneware clay, as well as glazing. In addition to ceramics instruction, students will engage in art that involves creating and constructing sculpture using plaster, wood, paper, and foam board. The historic and cultural significance of all three-dimensional sculpture will be an essential component of this course.

DIGITAL ARTS

School(s): **Pioneer, Skyline**

Course #: 715035

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

Introductory visual art course open to all grades, 9-12. Digital Arts is a technology-based art course in which students explore several methods of art production through digital studio projects, creative thinking processes, and critical discussions and reflection. Blending visual arts with modern ways of creating, this course emphasizes self-expression and prepares students for a fast-paced future. Students will learn to navigate digital platforms, develop visual literacy, create captivating digital illustrations, and learn the basics of animation.

DRAWING & PAINTING

School(s): **Pathways**

Course #: **712011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art and Design	

Students will develop a range of skills that will build into a visual language enabling them to tackle areas such as basic drawing and perception techniques, use of various drawing media, and understand the basic elements of design: line, shape, form, value, proportion, spatial illusion, perspective, and ways of "seeing" and appreciating the art of drawing. Assignments will include figure drawing, architecture, still life, landscape, portraiture, environments, mixed-media compositions, and random subjects chosen by students. Participation in this course will improve the student's drawing and perceptual skills and develop a good foundation for future art making. Students will be engaged in the discussion, analysis, and appreciation of the historical and cultural aspects of art. Critique of their own artwork and the work of other students will be an essential part of this course.

Visual and Performing Arts: Art

DRAWING, BEGINNING

School(s): **Community**

Course #: **712009**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

Students will develop a range of skills that will build into a visual language enabling them to tackle areas such as basic drawing and perception techniques, use of various drawing media, and understand the basic elements of design: line, shape, form, value, proportion, spatial illusion, perspective, and ways of "seeing" and appreciating the art of drawing. Assignments will include figure drawing, architecture, still life, landscape, portraiture, environments, mixed-media compositions, and random subjects chosen by students. Participation in this course will improve the student's drawing and perceptual skills and develop a good foundation for future art making. Students will be engaged in the discussion, analysis, and appreciation of the historical and cultural aspects of art. Critique of their own artwork and the work of other students will be an essential part of this course.

DRAWING, PAINTING, AND PRINTMAKING

School(s): **Huron, Pathways, Pioneer, Skyline**

Course #: **712012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	● Art & Design-Huron ● Teacher recommendation-Pathways, Pioneer	

The focus of this course is on creating two-dimensional artwork. Basic drawing and painting techniques are reinforced. Compositions in watercolor, pastels, pen and ink, charcoal, and pencil may be planned to encourage students to explore personal themes and work through the creative process. Silk screening, etching, and relief printing processes may also be included. Works from various artists, both past and present, will be incorporated to learn how others have solved similar problems. Subject matter may range from creating landscapes and abstract designs to recording observations of figures and still life.

May be repeated for credit.

GRAPHIC ART PRODUCTION: YEARBOOK

School(s): **Community**

Course #: **712041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Teacher recommendation	

The class will be involved in the editing, design, and production of the school's yearbook, Midnight Sun. Students selected for participation will enjoy a high degree of freedom and independence in determining the book's content (theme and scope) and appearance. They will be expected to learn to organize themselves into a staff and to recruit students from other areas as required. Applicants should expect to attend to details of research, budgeting, and/or scheduling as well as photography, digital imaging, publishing, typesetting (on computer), and sales.

GRAPHIC COMMUNICATIONS I

School(s): **Community**

Course #: **653011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

This course introduces the fundamental skills and knowledge needed to understand graphic communications. The course focuses on the computer skills, design decisions, and printing processes required to create print and digital media that effectively convey information. Students who enjoy creative activities and like hands-on activities should elect this course.

GRAPHIC COMMUNICATIONS II

School(s): **Community**

Course #: **653012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Graphic Communications I	

This course builds on the knowledge and skills gained in Graphic Communications I. The subject areas of graphic design, digital photography, color theory, typography, offset printing, and screen-printing are explored to communicate information. Students who enjoy creative activities and like hands-on activities should elect this course.

GRAPHIC DESIGN I

School(s): **Community, Pioneer, Skyline**

Course #: **712021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design (Huron)	

In this course, students solve visual communication problems by developing ideas and creating graphic solutions for various clients. Students will discuss the historical significance of the graphic arts and become more familiar with the styles and practical applications of typefaces. A variety of materials and techniques will be used to create posters, logos, trademarks, packaging, and illustrations. Careers, issues, and techniques of the contemporary design field.

Skyline:

Graphic Design: I will use Adobe Illustrator to create client-based images, including avatars, book covers, t-shirts, postcards, fonts, graffiti, etc. Students will learn techniques for combining photos, types, colors, and patterns to create designs using their illustrations and photographs. Students will develop a portfolio of their work.

GRAPHIC DESIGN II

School(s): **Community, Huron, Pioneer, Skyline**

Course #: **712022**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Graphic Design I	

Community, Huron & Pioneer:

This course is a continuation of Graphic Design I. Using original ideas, students are expected to refine their skills in communicating ideas & concepts visually. This will be done by developing personal style, lettering and typography, logo designs using computer programs, package design, and designing storyboards. A portfolio of quality Graphic Design images will be created and produced.

Skyline:

This course is a continuation of Graphic Design I. Students will learn more advanced techniques for combining image, type, color, illustration, and photography to create dynamic media using Adobe Creative Suite. Students will have the opportunity to work on school and community projects involving graphics to further develop their knowledge and skills. Students will create a portfolio of their work.

May be repeated for credit.

Visual and Performing Arts: Art

GRAPHIC DESIGN IB

School(s): **Huron**

Course #: **IB712021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design	

Students examine the significance of graphic design in our lives. Design elements and compositional principles are studied as part of learning studio techniques. This course will help students appreciate the joy of communicating through graphic illustration and increase their understanding of the role of graphic design in society. Students will be evaluated according to their studio participation, quality of work, critical thinking, and class discussions. Emphasis is placed on proficiency in Adobe Illustrator and on artistic reflection through visual journals. Group and individual critiques are an essential part of the evaluation and reflection process. This course is intended for students of all levels and abilities. It is also the foundational course for students with a strong interest in graphic design professional study or a career in graphic design.

ITALIAN ART & CULTURE

School(s): **Community**

Course #: **711025**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

Students enrolled in this survey course will be immersed in various aspects of Italian culture, geography, basic conversational Italian, visual art and design, theater, music, fashion, architecture, and Italy's rich artistic history from the Roman Empire to the present.

ITALIAN ART & CULTURE II

School(s): **Community**

Course #: **711026**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Italian Art & Culture	

Students enrolled in this course will engage in the continuation and deeper investigation of Italian arts and culture, from the onset of the Roman Empire to the present, with particular emphasis on post-Renaissance art history, cultural shifts post WWII, and contemporary trends in the arts, and a refined understanding and appreciation of the ever-changing Italian social institutions. The course will also explore the issues of immigration and geo-global migration as catalysts for artistic and cultural change. Course requirements include weekly projects, class discussion, and periodic exams.

JEWELRY DESIGN I

School(s): **Huron, Pioneer, Skyline**

Course #: **713021**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design	

This course teaches students about the design and creation of original jewelry and metalwork. Basic design skills are taught. Sequentially planned assignments help students develop high-quality designs. Through these experiences, it is hoped that students acquire an appreciation for past and present jewelry/metal forms and a pride in their own accomplishments.

May be repeated for credit.

JEWELRY DESIGN II

School(s): **Huron, Pioneer, Skyline**

Course #: **713022**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Jewelry Design I	

Students are expected to expand upon the skills learned in the beginning jewelry course. Time may be included for experimental and independent artwork. Required assignments will focus on new and advanced techniques exhibiting personal creativity and inventiveness. Participation in school and community exhibits is encouraged.

May be repeated for credit.

OPEN STUDIO

School(s): **Community, Huron, Pathways, Skyline**

Course #: **714041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	● Art & Design-Huron and Pathways ● Drawing, Painting & Printmaking, and another 2D/3D art class-Skyline	

Huron

This class will provide students with an opportunity to experiment with various media and ideas in an unstructured format. The teacher will work with students toward individualizing stylization.

Community and Pathways

In this class, students concentrate on independent projects of their choice. They work under contract with the instructor and are evaluated based on the quality of the final product and the effort they put into each project. Students should have basic knowledge of drawing, painting, and ceramics, and be able to work independently in an unstructured studio atmosphere.

Skyline - may be repeated for credit.

PAINTING AND COLOR THEORY

School(s): **Community, Pathways**

Course #: **712013**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art and Design (Pathways)	

In this course, the beginner to advanced student of art will be exploring color theory, technique, and composition in painting. Examination and analysis of traditional and contemporary art in a historical and cultural context will be integral to learning. Media will include: acrylic, color inks, pastels, watercolor, printmaking, and color pencil. Students will review basic drawing principles to successfully tackle the art and techniques of painting. Critique of their own artwork and the work of other students will be an essential part of this course.

PAINTING AND COMPOSITION

School(s): **Huron**

Course #: **712014**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design	

This course introduces creative techniques and composition in watercolor and acrylic painting, as well as developing visual awareness. An introductory class exploring the visual elements and techniques as a tool for problem-solving with a special emphasis on controlling the paint, using either gouache (opaque watercolor) or acrylic, while experimenting with various surfaces. Students are allowed to work in greater depth to develop individual approaches, techniques, and forms of creative expression.

PHOTOGRAPHY I, FILM DARKROOM

School(s): **Community**

Course #: **715011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design	

This course studies the art of photography. Students will learn introductory chemistry related to developing and printing black-and-white film, the history of photography, light, film, lenses, cameras, pinhole photography, composition, and the personal enjoyment of photography. Students will engage in an actual camera and darkroom experience. An adjustable 35 mm film camera is suggested.

PHOTOGRAPHY I, DARKROOM IB

School(s): **Huron**

Course #: **IB715011**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design	

In this course, students learn about and experience photography as a form of visual communication. The students learn the fundamental processes of black-and-white film photography through hands-on experience in the darkroom. Visual literacy, composition, operation of a 35 mm camera, developing film, use of contact prints, enlargements, and presentation of the photograph are components of this course. Creative thinking, patience, and persistence are essential aspects of this course.

PHOTOGRAPHY II

School(s): **Community**

Course #: **715021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Photography I	

This will be mainly a lab class with weekly lectures and demonstrations covering studio art, product photography, medium format, alternative process, advanced darkroom technique, and flash photography, with greater emphasis on composition and conceptual development.

PHOTOGRAPHY II, DARKROOM

School(s): **Huron**

Course #: **715022**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Photography I	

This course is planned for students who are seriously interested in photography. A portfolio of quality photographs will be created and produced. Experimental techniques and classic darkroom processes, such as bas relief, color appliqué, digital photography, and composite imagery, may be explored.

May be repeated for credit.

PHOTOGRAPHY, DIGITAL I

School(s): **Community, Pioneer, Skyline**

Course #: **715031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design (Huron)	

Pioneer, Skyline

Photography captures moments in time and allows us to view the world from different perspectives. The technology of photography is ever-changing, but the excitement of combining art and technology remains the same. The photography courses are designed to give students experiences with the creative and technical aspects of photography. Students will use digital cameras and Adobe Photoshop to compose, shoot, and edit digital photography.

Community

Active participation in this course will serve you in many ways. We will experience the realm of digital photography via specific assignments and projects, play, hard work, critiques, exhibitions, technical demos, sharing, and support of each other as photographic artists. You will learn about: cameras, image capture, pixels, scanning, computing, image-editing and management software (Photoshop), composition, printing, image sharing/storage, art elements and principles in photography, photo history, light, and perception.

PHOTOGRAPHY, DIGITAL I IB

School(s): **Huron**

Course #: **IB715031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Art & Design	

Photography captures moments in time and allows us to view the world from different perspectives. The technology of photography is ever-changing, but the excitement of combining art and technology remains the same. The digital photography courses are designed to give students experiences with the creative and technical aspects of photography. Students will use digital cameras and Adobe Photoshop to compose, shoot, and edit digital photography. Students will investigate the four MYP criteria: Knowledge, Developing Skills, Creative Thinking, and Responding throughout the course.

PHOTOGRAPHY, DIGITAL II

School(s): **Huron, Pioneer, Skyline**

Course #: **715032**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Digital Photography I	

This course is a continuation of Digital Photography I. Areas of study include camera operation for digital SLR cameras, lighting, composition, image processing, printing, and final presentation techniques. Field trips will allow students to learn how to photograph a variety of situations. Students will also study the history of photography.

Skyline:

Photography captures moments in time and allows us to view the world from different perspectives. The technology of photography is ever-changing, but the excitement of combining art and technology remains the same. The digital photography courses are designed to give students experiences with the creative and technical aspects of photography. Students will use digital cameras and Adobe Photoshop and Lightroom to compose, shoot, and edit digital photography.

May be repeated for credit.

PHOTOGRAPHY, FILM, AND DIGITAL VIDEO, ADVANCED

School(s): **Community**

Course #: **715023**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Photography I	

This course offers the study of still photography, motion picture film, and video production as an art form. Lab work and critiques are essential components of the course.

Visual and Performing Arts: Art

THEATER DESIGN I School(s): **Pioneer, Skyline**

Course #: **731021** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

This course will focus on the design and practical application of technical theater. Students will study every aspect of technical theater, including set design, lighting design, and costume design.

VISUAL ARTS SL/HL YR1 IB
VISUAL ARTS SL YR2 IB
VISUAL ARTS HL YR2 IB

School(s): **Huron**

Course #: **IB719100, IB719101, IB719102** Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 year each (2-year course)	1.0 per year	VPAA	Art & Design	

This is a two-year course.

Visual Arts SL/HL Yr1 (Grade 11)

The Visual Arts SL/HL Year 1 is the first year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher-order thinking and reflection among students while developing heightened technical ability across multiple media. In addition to exploring and comparing visual arts from different perspectives and in other contexts, students are expected to experiment with and reflect upon their work in multiple media. The course is designed for students who are interested in post-secondary visual arts and in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Visual Arts SL Yr2 (Grade 12)

Visual Arts SL Yr2 (IB) is the second year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher-order thinking and reflection among students while developing heightened technical ability across multiple media. In addition to exploring and comparing visual arts from different perspectives and in other contexts, students are expected to experiment with and reflect upon their work in multiple media. The course is designed for students who are interested in post-secondary visual arts and in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

Visual Arts HL Yr2 (Grade 12)

Visual Arts HL Yr2 (IB) is the second year of a two-year course that encourages students to challenge their own creative and cultural expectations and boundaries. This course promotes higher-order thinking and reflection among students while developing heightened technical ability across multiple media. In addition to exploring and comparing visual arts from different perspectives and in other contexts, students are expected to experiment with and reflect upon their work in multiple media. The course is designed for students who are interested in post-secondary visual arts and in developing a lifelong love of the subject. The role of the teacher in this course is to organize their students in a studio environment and provide engaged support for the individual exploration of art. This course satisfies the Group 6: Arts requirement for Full IB Diploma students.

BAND, CONCERT (Marching)

School(s): **Huron (Green), Huron (Gold), Pioneer (Purple), Skyline**

Course #: **752020**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	Audition	

This course is open to wind and percussion instrumentalists. The Concert Band (Marching) curriculum teaches technical, rhythmic, listening, translative, analytical, and performance skills through advanced literature in a historical and multi-cultural context. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate. Concert Band (marching) combines with the Symphony Band, which forms the Marching Band during the fall quarter and appears at all home varsity football games.

A placement audition is required. Concert Band (marching) must participate in band camp in August at the Interlochen Center for the Arts, Interlochen, Michigan. After school rehearsals and performances are required. Members participate in all varsity football game performances with the Symphony Band. This course meets the State of Michigan Fine Arts graduation requirement. May be repeated for credit.

BAND, CONCERT

School(s): **Pioneer (White)**

Course #: **752021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	Audition	

This course is open to wind and percussion instrumentalists. The Concert Band curriculum teaches technical, rhythmic, listening, translative, analytical, and performance skills through advanced literature in a historical and multi-cultural context. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate. Concert Band combines with the Marching Band during the fall quarter and appears at one home varsity football game.

Placement audition is required. Concert Band must participate in band camp in August at the Interlochen Center for the Arts, Interlochen, Michigan. After school rehearsals and performances are required. Members participate in all varsity football game performances with the Symphony Band. This course meets the State of Michigan Fine Arts graduation requirement. May be repeated for credit.

BAND, JAZZ

School(s): **Huron, Pioneer, Skyline**

Course #: **751031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year (Hur/Pio) 1 Term (Skyline)	0.5	VPAA	Audition	

Jazz Band is open to all qualified saxophone, trumpet, trombone, guitar, keyboard, bass, and percussion players. This course provides opportunities to perform outstanding jazz literature and to study jazz styles, history, and improvisation. This band performs in numerous concerts throughout the year.

After school rehearsals and performances are required. This course meets the State of Michigan Fine Arts graduation requirement. This class meets daily and may be repeated for credit.

Visual and Performing Arts: Music

BAND, SYMPHONY

School(s): **Huron, Pioneer, Skyline**

Cours #: **752030**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	Audition	

This select group of wind and percussion instrumentalists is our finest ensemble in wind music performance. The Symphony Band curriculum teaches technical, rhythmic, listening, translative, analytical, and performance skills through the most advanced literature in the band repertoire in a historical and multi-cultural context. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate.

Skyline: This course is open to wind and percussion instrumentalists. During the 1st trimester, this class is open to any student (varsity/concert/symphony) who wishes to march in the Skyline marching band. This band will march at all home Varsity Football games and appear in concerts and festivals throughout the year. During trimesters 2 and 3, members of this ensemble will participate in the full orchestra during class. After school rehearsals and performances are required. All bands participate in band camp in August at Interlochen Center for the Arts. All students will be placed in Varsity, Concert, or Symphony Band for trimesters 2 and 3 based on their Spring audition.

Students participate in band camp in August at the Interlochen Center for the Arts, Interlochen, Michigan. After school rehearsals and performances are required. At Huron and Pioneer, the Symphony Band combines with the Concert Band (marching) to become the Marching Band during the fall quarter and appears at all home varsity football games. This course meets the State of Michigan Fine Arts graduation requirement.
This class meets daily and may be repeated for credit.

BAND, VARSITY

School(s): **Pioneer**

Course #: **752012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	Audition	

This course provides instruction in the fundamentals of tone production, articulation, music reading, and scales. The Varsity Band provides all interested students who play wind and percussion instruments an opportunity to study and perform a variety of music. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate.

Placement auditions are a requirement. Students may participate in band camp in August at the Interlochen Center for the Arts, Interlochen, Michigan. After-school rehearsals and performances are required. This course meets the State of Michigan Fine Arts graduation requirement. May be repeated for credit.

BAND, VARSITY IB

School(s): **Huron**

Course #: **IB752010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	None	

This course provides instruction in the fundamentals of tone production, articulation, music reading, and scales. The Varsity Band provides all interested students who play wind and percussion instruments an opportunity to study and perform a variety of music. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate.

Placement auditions are a requirement. Students may participate in band camp in August at the Interlochen Center for the Arts, Interlochen, Michigan. After-school rehearsals and performances are required. This course meets the State of Michigan Fine Arts graduation requirement.
May be repeated for credit.

CHOIR, A CAPPELLA MIXED

School(s): **Huron, Pioneer, Skyline**

Course #: **754040**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	Audition	

A Cappella is an auditioned mixed chorus of all voice parts, grades 9-12, who have demonstrated superior musical ability. Students will study advanced choral literature written for mixed voices from a variety of musical time periods and styles. This class is designed for the self-motivated singer who is interested in preparing and performing at a high level. The student must be ready to pursue advanced music-reading skills. Members are expected to participate in MSVMA Events. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate. After school rehearsals and performances are required.

Students are expected to participate in choir camp in August at the Interlochen Center for the Arts, Interlochen, Michigan.
May be repeated for credit.

CHOIR, BEL CANTO TREBLE

School(s): **Huron, Pioneer, Skyline**

Course #: **754030**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	Audition	

Bel Canto is an auditioned treble choir comprising students in grades 9-12 who have demonstrated superior musical ability. Students will study music written for treble voices from a variety of musical time periods and styles. Members are expected to participate in MSVMA Events. This class is designed for the self-motivated singer who is interested in preparing and performing at a high level. The student must be ready to pursue advanced music-reading skills. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate. After school rehearsals and performances are required.

Students are expected to participate in choir camp in August at the Interlochen Center for the Arts, Interlochen, Michigan.
May be repeated for credit.

CHOIR, CANTANDO TREBLE

School(s): **Pioneer, Skyline**

Course #: **754020**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	None	

Cantando is open to all students with treble voices who are interested in singing, grades 9-12. Students develop vocal technique and music literacy, studying literature from a variety of styles and time periods. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate. After school rehearsals and performances are required.

Students are encouraged to participate in the choir camp in August at the Interlochen Center for the Arts, Interlochen, Michigan.
May be repeated for credit.

CHOIR, CANTARE TENOR-BARITONE-BASS

School(s): **Pioneer, Skyline**

Course #: **754010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	None	

Cantare is open to all students with tenor, baritone, and bass voices who are interested in singing, grades 9-12. Students develop vocal technique and music literacy, studying literature from a variety of styles and time periods. Performances are an integral part of the music curriculum and may include concerts, festivals, solos, ensembles, recitals, and community appearances when appropriate. After school rehearsals and performances are required.

Students are encouraged to participate in the choir camp in August at the Interlochen Center for the Arts, Interlochen, Michigan.
May be repeated for credit.

CHOIR, CANTANDO TREBLE IB

School(s): **Huron**

Course #: **IB754020**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	None	

The Cantando Choir (IB) is open to all students who are interested in singing. Students develop vocal technique and music literacy as they perform literature from a variety of styles and time periods. The curricular objectives follow the Michigan Performing Arts Standards. International Baccalaureate Middle Years Program Unit Plans have been drawn up using the Michigan Vocal Music Association Choral Festival Rubric.

CHOIR, CANTARE BASS IB

School(s): **Huron**

Course #: **IB754010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	None	

The Cantare Choir (IB) is open to all students who are interested in singing. Students develop vocal technique and music literacy as they perform literature from a variety of styles and time periods. The curricular objectives follow the Michigan Performing Arts Standards. International Baccalaureate Middle Years Program Unit Plans have been drawn up using the Michigan Vocal Music Association Choral Festival Rubric.

JAZZ STUDIO ENSEMBLE
JAZZ IMPROVISATION ENSEMBLE
BEPOP JAZZ ENSEMBLE
ADVANCED JAZZ COMBO ENSEMBLE

School(s): **Community**

Course #: **751021, 751022, 751023, 751025**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	● Levels II/III/IV: Audition; teacher recommendation	

In this unique performance program, instrumental groups study and perform contemporary jazz in a combo setting. This distinguishing characteristic of these classes/groups is the focus on improvisation. Students learn jazz theory, reading, rhythm, improvisation, and performance techniques in traditional and contemporary jazz styles. Students gain skills in navigating small-group jazz playing and acquire musical vocabulary for utilization during improvisation. Historical and social relevance are also explored throughout each semester. Any band or orchestra instrument is welcome, including guitar and drum set.

Jazz Studio and Jazz Improvisation Ensembles perform in a few concerts each year. The Jazz Lab, Bebop Jazz, and Advanced Jazz Combo Ensembles are comprised of a total of six advanced jazz combos. These advanced groups regularly perform in local and regional gigs and sometimes beyond. They also perform in concerts, competitions, and recording sessions.

ENSEMBLE, JAZZ LAB

School(s): **Community**

Course #: **751039**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Semesters	0.5	VPAA	Audition; teacher recommendation	

In this unique performance program, instrumental groups study and perform contemporary jazz in a combo setting. The distinguishing characteristic of these classes/groups is the focus on improvisation. Students learn jazz theory, reading, rhythm, improvisation, and performance techniques in traditional and contemporary jazz styles. Students gain skills in navigating small-group jazz playing and acquire musical vocabulary for utilization during improvisation. Historical and social relevance are also explored throughout each semester. Any band or orchestral instrument is welcome, including guitar and drum set.

Jazz Studio and Jazz Improvisation Ensembles perform in a few concerts each year. The Jazz Lab, Bebop Jazz, and Advanced Jazz Combo Ensembles are comprised of a total of six advanced jazz combos. These advanced groups regularly perform in local and regional gigs and sometimes beyond. They also perform in concerts, competitions, and recording sessions.

GUITAR I

School(s): **Huron, Pioneer, Skyline**

Course #: **755031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

Each student will learn to play the classical (nylon-stringed) guitar, read music notation and guitar tablature, and develop a rudimentary understanding of various guitar-playing styles, with an emphasis on the classical style.
No experience with the guitar is necessary.

This course meets the State of Michigan Fine Arts graduation requirements.
This class meets daily and may be repeated for credit.

GUITAR II

School(s): **Huron, Pioneer, Skyline**

Course #: **755032**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Guitar I	

Each student will learn to play the classical (nylon-stringed) guitar. Students will expand upon techniques learned in Guitar I and also learn new ones, with an emphasis on the classical style. Students will be expected to know introductory note- and rhythm-reading, basic chords, and fundamental right-hand technique (p, i, m, a).

This course meets the State of Michigan Fine Arts graduation requirements.
This class meets daily and may be repeated for credit.

GUITAR III

School(s): **Huron, Pioneer**

Course #: **755033**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Guitar II	

Each student will learn to play the classical (nylon-stringed) guitar. Much of the learning will be done independently, with guidance from the instructor. Students will be expected to have full knowledge of note- and rhythm-reading, basic scales, basic chords, barre chords, and right-hand technique (p, i, m, a).

This course meets the State of Michigan Fine Arts graduation requirements.
This class meets daily and may be repeated for credit.

MUSIC INDUSTRY

School(s): **Pathways, Pioneer**

Course #: **750001**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

Music Industry is a general music class curriculum grounded in project-based learning. The project models the music industry as four specific roles (Managers, Musicians, Advertising/Marketing, and Writers) that students play out. Students choose one or more roles to find creative ways to support the success of a band that produces both cover and original songs. This course meets the State of Michigan Fine Arts graduation requirements. This class meets daily and may be repeated for credit.

This course meets the State of Michigan Fine Arts graduation requirements. This class meets daily and may be repeated for credit.

MUSIC THEORY AND TECHNOLOGY I

School(s): **Pioneer**

Course #: **756011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

Students will be introduced to the creative use of music technology and the fundamentals of music using the latest electronic music equipment, such as synthesizers, computers, Musical Instrument Digital Interface (MIDI) keyboards, sequencers, and the appropriate software. Students will learn to use the equipment through a hands-on lab experience and to create their own compositions. Areas of instruction will include the fundamentals of music notation, ear training, theory, composition, and the basics of synthesizing sound and MIDI sequencing.

This course meets the State of Michigan Fine Arts graduation requirements. This class meets daily and may be repeated for credit.

MUSIC THEORY AND TECHNOLOGY II

School(s): **Pioneer**

Course #: **756012**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Music Theory & Technology I	

A continuation of Music Theory and Technology. Students will be introduced to the creative use of music technology and the fundamentals of music using the latest electronic music equipment, such as synthesizers, computers, Musical Instrument Digital Interface (MIDI) keyboards, sequencers, and the appropriate software. Students will learn to use the equipment through a hands-on lab experience and to create their own compositions. Areas of instruction will include the fundamentals of music notation, ear training, theory, composition, and the basics of synthesizing sound and MIDI sequencing. This course meets the State of Michigan Fine Arts graduation requirements.
This class meets daily and may be repeated for credit.

MUSIC THEORY AP

School(s): **Pioneer, Skyline**

Course #: **756019**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year (Pio) 2 Terms (Sky)	0.5	VPAA	Instructor approval or successful completion of the music theory assessment	

Students will study the tools used in reading, writing, and listening to music. The course will focus on vocal and instrumental compositions primarily from 1600-1900, though 20th-century contemporary music will also be explored. Students will engage in score analysis, sight-singing, aural recognition (including rhythmic, melodic, and harmonic dictation), composition, and fundamental keyboard harmony.

ORCHESTRA, CONCERT

School(s): **Huron, Pioneer, Skyline**

Course #: **753020**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	Audition	

Concert Orchestra is open to all string instrumentalists in grades 9-12 who pass the audition. The scope of the class is to perform some great literature and fine-tune technical and musical skills in preparation for membership in the Symphony Orchestra. This ensemble rehearses three days a week as a string orchestra. The string players are joined twice a week (once a week at Skyline) by wind, brass, and percussionists, recommended by the band director, from the Concert Band after the Marching Band season ends.

Concert Orchestra is subject to being divided into two (2) classes as needed. The audition process will remain the same for both ensembles.

Students are expected to participate in the orchestra camp in August at the Interlochen Center for the Arts in Interlochen, Michigan. After school rehearsals and performances are required.
May be repeated for credit.

ORCHESTRA, PHILHARMONIC

School(s): **Pioneer, Skyline**

Course #: **753010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	None	

Philharmonic Orchestra is open to all traditional orchestra string instrumentalists. The emphasis is on building basic individual and ensemble skills, developing musical strength and sensitivity, and preparing students for membership in the Concert or Symphony Orchestra.

Students are expected to participate in the orchestra camp in August at the Interlochen Center For The Arts in Interlochen, Michigan. After school rehearsals and performances are required.
May be repeated for credit.

ORCHESTRA, PHILHARMONIC IB

School(s): **Huron**

Course #: **IB753010**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	None	

This course continues the development of music fundamentals, focusing on posture, instrument setup, tone production, rhythm, and articulation through music reading and scales. The primary goal of this course is to encourage students to become communicators through the art form of music performance. The Philharmonia Orchestra provides interested string-instrument students with an opportunity to study and perform a variety of music. Performances are an integral part of the music curriculum, which may include concerts, festivals, solos, and small ensembles.

Students are expected to participate in the orchestra camp in August at the Interlochen Center For The Arts in Interlochen, Michigan. After school rehearsals and performances are required.
May be repeated for credit.

ORCHESTRA, SYMPHONY

School(s): **Huron, Pioneer, Skyline**

Course #: **753040**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
Year	0.5	VPAA	Audition	

This orchestra is a select group of string, wind, brass, and percussion players who perform symphonic orchestra literature. Membership in this class is determined by audition. This ensemble rehearses as a string orchestra three days a week; wind and percussion players join the string orchestra twice a week to rehearse as a full orchestra.

Students are expected to participate in the orchestra camp in August at the Interlochen Center For The Arts in Interlochen, Michigan. After school, rehearsals and performances are required.
May be repeated for credit.

PIANO

School(s): **Huron, Pioneer, Skyline**

Course #: **755021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

This course is designed for students who wish to learn to read music and play the piano, or to continue their previous study of the piano. Students at all performance levels may enroll. Emphasis will be placed on improving performance skills and reading music. Each student will receive individual coaching. Time for practice will be a part of the course design.

May be repeated for credit.

VOICE

School(s): **Huron, Pioneer, Skyline**

Course #: **755011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	None	

This course is for those who would like to improve their natural voice and increase their knowledge of singing. It is open to beginners as well as those who have had voice lessons or experience in choral groups. Emphasis will be on the fundamentals of singing, with time given for solo work, individual instruction, and practice. The voice class focuses primarily on solo singing in classical and contemporary genres.

Students may participate in choir camp in August at the Interlochen Center for the Arts, Interlochen, Michigan. After school rehearsals and performances are required. May be repeated for credit.

Visual and Performing Arts: Theater

ACTING I

School(s): **All High Schools**

Course #: **106011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA or English Elective	None	

Acting I is an introductory course in the fundamentals of stage acting. Through games, activities, exercises, and performances that include but are not limited to storytelling, scenes, and monologues, students gain confidence in presenting themselves before an audience and develop their skills in focus, concentration, movement, and vocal delivery. In a safe and positive environment that students build together, they have the opportunity to take risks and reflect upon themselves and their experiences with the goal of expressing emotion and thought on stage in a believable and fulfilling way. Students engage in critical, thoughtful discussions, language study, and various forms of writing.

This course is aligned to the Michigan Standards in VPAA and ELA.

ACTING II

School(s): **All High Schools**

Course #: **106012**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA or English Elective	Acting I & Theater I (Skyline)	

Successful completion of Acting I is a prerequisite, but this can be waived with teacher permission. Acting II builds upon the skills of Acting I but focuses more on performing monologues, scenes, and one-act plays. Performances are attended by invited audiences and guests, including a performing arts festival. The class also takes field trips to a professional theater performance. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing. Acting II is the ideal course for students who desire to act in “straight theater” (as opposed to musical theater) and seek opportunities to develop their skills.

This course is aligned to the Michigan standards in VPAA and ELA.

THEATER I

School(s): **Huron, Pioneer, Skyline**

Course #: **731011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA or English Elective	None	

The purpose of this course is to introduce the student to the power of the theater to reflect the world. The first part of the course will concentrate on the listening and communication skills necessary to develop the actor within and create a safe environment in which each student can explore freely. Some of the activities students will participate in will include improvisation, pantomime, monologue, and scene performance; basic set, lighting, and text analysis; and the role theater plays in our society. Students engage in critical reading, thoughtful discussions, language study, and various forms of writing.

THEATER II

School(s): **Huron, Skyline**

Course #: **731012**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA or English Elective	Theater I	

Theater II is designed as an intermediate-level study of theater arts. It uses individual and group assignments as well as ensemble productions to provide students with hands-on experience in the world of theater. Students will learn intermediate acting, technical theater concepts, theater vocabulary, and theater history.

Visual and Performing Arts: Theater

THEATER DESIGN I School(s): **Pioneer, Skyline***

Course #: **731021** Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	*Theater I (Skyline only)	

This course will focus on the design and practical application of technical theater. Students will study every aspect of technical theater, including set design and construction, lighting design and construction, sound design and construction, costume design and construction, and marketing techniques. This class will prepare students to perform in productions.

THEATER DESIGN II School(s): **Pioneer, Skyline***

Course #: **731022** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Theater Design I, *Theater I (Skyline only)	

This course will continue to focus on the design and practical application of all technical aspects covered in Theater Design I. A more in-depth focus will be placed on design. Students will be asked to create set and light designs. In addition, students in this course will be trained in the technical aspects of the auditorium and will have the opportunity to work for groups that use the auditorium.

THEATER, MUSICAL School(s): **Skyline**

Course #: **731031** Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5	VPAA	Theater I and placement audition	

This course is designed for vocal music or theater students who want to learn the unique techniques required for musical theater performance. The course will culminate in a Broadway review performance.

World Languages

THE STATE OF MICHIGAN SEAL OF BILITERACY

The Ann Arbor Public Schools participates in the State of Michigan's Seal of Biliteracy initiative. The Michigan Seal of Biliteracy (MI-SoBL) recognizes high school graduates who exhibit proficiency in English and at least one additional world language via several approved pathways. It encourages students to study world languages and embrace their native and heritage languages. The MI-SoBL will provide employers with a way to identify individuals with strong language and biliteracy skills.
(https://www.michigan.gov/mde/services/flexible-learning/michigan-seal-of-biliteracy)

Multilingual Seniors in AAPS can apply for the Seal of Biliteracy by meeting all graduation requirements and by demonstrating an Intermediate-High proficiency level in a language other than English for all four skills: listening, speaking, reading and writing.

AMERICAN SIGN LANGUAGE I

School(s): **Community, Pioneer, Skyline**

Course #: **504510**
504512, 504513

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

This course is designed to teach basic American Sign Language over one full year. Areas of study will include: Vocabulary Development, Grammatical Features, Cultural Awareness, and Conversational Fluency. These components will enable the students to develop visual language skills. Discussion topics include historical information such as sign origin, variations, production, and use of non-manual features. Students will compare and contrast Deaf and Hearing cultural perspectives, as well as master basic linguistic structures in English and American Sign Language. Classroom discussions will present opportunities to increase visual language fluency, analyze current level of function, and practice both receptive and expressive sign language skills. This class is in accordance with the Five C's of the Michigan World Language curriculum—communication, communities, comparisons, connections, and cultures—and accommodates the Michigan World Language Standards and Benchmarks.

AMERICAN SIGN LANGUAGE II

School(s): **Community, Pioneer, Skyline**

Course #: **504511**
5045014, 504514

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	American Sign Language I	**APPROVED**

This course is a continuation of American Sign Language 1, and fulfills the second year of the World Language requirement. This course will continue to explore vocabulary development, grammatical features, history (may include but not limited to: sign origin, variations, production, and use of non-manual features), legislation, cultural awareness, and conversational fluency. The course will also continue to build on the natural signed topics learned in ASL 1. This course will continue to not only teach the language, it will also continue to incorporate projects, reports, reflection papers, games, activities, quizzes, tests, etc. that encompass the history and culture behind the language. This class is in accordance with the Five C's of the Michigan World Language curriculum and accommodates the Michigan World Language Standards and Benchmarks.

World Languages

AMERICAN SIGN LANGUAGE III

School(s): **Community, Pioneer, Skyline**

Course #: **504516**
504517, 504518

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	American Sign Language I & II	**APPROVED**

This course is a continuation of American Sign Language I and II, and while it is not necessary as a high school requirement, it allows students who have completed two years of American Sign Language to continue their studies and further develop their language skills to prepare for college or a possible career using ASL. This course will continue to explore vocabulary development, grammatical features, history (may include but not limited to: sign origin, variations, production, and use of non-manual features), legislation, cultural awareness, and conversational fluency. The course will also continue to not only teach the language, it will also continue to incorporate projects, reports, reflection papers, games, activities, quizzes, tests, etc. that encompass the history and culture behind the language. This class is in accordance with the Five C's of the Michigan World Language curriculum and accommodates the Michigan World Language Standards and Benchmarks.

AMERICAN SIGN LANGUAGE IV

School(s): **Community, Pioneer, Skyline**

Course #: **504520**
504521, 504522

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	American Sign Language I, II & III	**APPROVED**

This course is a continuation of American Sign Language 1, 2 and 3, and while it is not necessary as a high school requirement, it allows students who have completed three years of American Sign Language to continue their studies and further develop their language skills to prepare for college or a possible career using ASL. In addition, ASL will be comparable to all other language courses in the district by offering at least four levels., therefore satisfying colleges who prefer to see students take four years of a language.

This course will continue to explore vocabulary development, grammatical features, history, legislation, cultural awareness, and conversational fluency. This course will continue to not only teach the language, it will also continue to incorporate projects, reports, reflection papers, games, activities, quizzes, tests, etc., that encompass the history and culture behind the language.

ARABIC I IB

School(s): **Huron**

Course #: **IB506011**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

This course introduces basic vocabulary and the fundamentals of Modern Standard Arabic grammar, structure, pronunciation as well as reading, writing, and speaking. Using natural and audio-lingual approaches, the course prepares students to understand spoken Arabic, to hold simple conversations, read, and write short descriptive compositions in Arabic. Aspects of contemporary Arabic culture and Arabic history are covered as well.

ARABIC II IB

School(s): **Huron**

Course #: **IB506021**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Arabic I	**APPROVED**

This course follows Arabic I and continues with more vocabulary acquisition and the fundamentals of Modern Standard Arabic grammar, structure, pronunciation as well as reading, writing, and speaking. Using natural and audio-lingual approaches, the course prepares students to understand spoken Arabic, to hold conversations, read, and write descriptive compositions in Arabic. Aspects of contemporary Arabic culture and Arabic history are covered as well.

World Languages

ARABIC III

School(s): **Huron**

Course #: **506031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Arabic II	**APPROVED**

This course follows Arabic II and continues with more vocabulary acquisition and the fundamentals of Modern Standard Arabic grammar, structure, pronunciation as well as reading, writing and speaking. Using the natural and audio-lingual approaches, the course prepares students to understand spoken Arabic: hold conversations, read and write descriptive compositions. Aspects of contemporary Arabic culture and history will be covered. Students will begin to interpret and present Arabic at the Intermediate Low proficiency level. Upon successful completion of this course, students should select Arabic SL/HL Year 1 IB.

ARABIC SL/HL YR1 IB
ARABIC SL YR2 IB
ARABIC HL YR2 IB

School(s): **Huron**

Course #: **IB506100, IB506121, IB506122**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Term	0.5	World Language	Arabic II	**APPROVED**

Arabic SL/HL Yr1 (Grade 11)

Arabic SL/HL Yr1 (IB) focuses on the development of students' communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. Students will learn to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to communicate orally and in writing. The course allows students to access the target language by studying it as a beginner or as someone with prior experience of the language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

Arabic SL Yr2 (Grade 12)

Arabic SL Yr 2 (IB) is the second year of a two-year course, for students with an Intermediate /Advanced proficiency level of Arabic. It focuses on the development of students' communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. While acquiring a language, students will explore the culture(s) connected to it. The class is conducted entirely in Arabic and requires the student to be an independent and highly motivated learner. Students in this level will be able to discuss a topic in writing and speaking about cultural differences between Arabic speaking countries and other parts of the world in the target language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

Arabic HL Yr2 (Grade 12)

Arabic HL Yr 2 (IB) is the second year of a two-year course, for students with Advanced Proficiency level of Arabic. It focuses on the development of students' communicative competence in Arabic and their understanding of the culture(s) of Arabic-speaking countries. While acquiring a language, students will explore the culture(s) connected to it. The class is conducted entirely in Arabic and requires the student to be an independent and highly motivated learner. Students in this level will be able to discuss a topic in writing and speaking about cultural differences between Arabic speaking countries and other parts of the world in the target language. This course satisfies the Group 2: Language, Acquisition requirement for Full IB Diploma students.

World Languages

CHINESE, MANDARIN AB INITIO SL YR1 IB
CHINESE, MANDARIN AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB509211, IB509212**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

Chinese, Mandarin Ab Initio Yr1 (Grade 11)

Mandarin Chinese ab initio year I course is an entry-level course, no pre-requirement. The purpose for this course is for DP students with opportunities to practice and explore the beginning level Mandarin Chinese, as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a range of everyday situations. Mandarin Chinese ab initio is available at Standard Level only. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Chinese, Mandarin Ab Initio Yr2 (Grade 12)

Mandarin Chinese ab initio year 2 course is a novice mid/high level course, which requires students to finish Mandarin Chinese ab initio year I. The purpose for this course is for DP students with opportunities to practice and explore the second year Mandarin Chinese as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a range of contexts and for a variety of purposes. Mandarin Chinese ab initio is available at Standard Level only. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

CHINESE, MANDARIN AP

School(s): **Pioneer, Skyline**

Course #: **504040**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Chinese Mandarin IV or teacher recommendation	**APPROVED**

This course will prepare you to successfully take the Chinese AP test, and more importantly, to deeply understand and fully express yourself in Chinese language and culture. The topics include: Families in Different Societies; The Influence of Language and Culture on Identity; Influence of Beauty and Art; How Science and Technology Affect Our Lives; Factors That Impact the Quality of Life; Environmental, Political, and Societal Challenges. This AP class will be conducted 100% in Chinese and the students are expected to communicate mainly in Chinese Instruction and assessment will be aligned to district, state and national world language standards Language study will be complemented by the study of traditional and contemporary Chinese culture. Reading and writing instruction will focus on simplified Chinese characters.

CHINESE, MANDARIN I

School(s): **Pioneer, Skyline**

Course #: **504011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

This course serves as a novice low introduction to Mandarin Chinese. The emphasis is on developing communication proficiency in listening, speaking, reading and writing Chinese relating to everyday topics, including: Who Am I; Family and Community; Dates and Time: Hobbies and Interests; and Hangout with Friends. Instruction and assessment will be aligned to district, state and national world language standards Language study will be complemented by the study of traditional and contemporary Chinese culture. Reading and writing instruction will focus on simplified Chinese characters. Textbook and workbook: Integrated Chinese, Level I, Part I.

World Languages

CHINESE, MANDARIN I IB

School(s): **Huron**

Course #: **IB504011**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

Chinese, Mandarin I (IB) course is an introductory course, no pre-requirement. The purpose for this course is for MYP students with opportunities to practice and explore the beginning level Mandarin Chinese as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations.

CHINESE, MANDARIN II

School(s): **Pioneer, Skyline**

Course #: **504021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Mandarin Chinese I	**APPROVED**

This course serves as novice high or interpretive low level Mandarin Chinese. The emphasis is on developing communication proficiency in listening, speaking, reading and writing Chinese relating to everyday topics, including: Making Appointments, Studying Chinese, School Life, Shopping, and Transportation. Instruction and assessment will be aligned to district, state and national world language standards. Language study will be complemented by the study of traditional and contemporary Chinese culture. Reading and writing instruction will focus on simplified Chinese characters. Textbook and workbook: Integrated Chinese, Level I, Part I

CHINESE, MANDARIN II IB

School(s): **Huron**

Course #: **IB504021**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Chinese Mandarin I	**APPROVED**

Chinese, Mandarin II (IB) course is a Novice high/Intermediate Low level course, which requests students to finish MYP Mandarin Chinese phase I. The purpose for this course is for MYP students with opportunities to practice and explore the second year Mandarin Chinese as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in straightforward social situations.

CHINESE, MANDARIN III

School(s): **Pioneer, Skyline**

Course #: **504031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Chinese Mandarin II	**APPROVED**

Chinese, Mandarin III course is an Intermediate Low/Mid level course. Students will learn from Chapter 11 to Chapter 15 in the textbook (Integrated Chinese), Includes: Talking about the Weather, Dining, Asking Directions, Birthday Party, and Health. Instruction and assessment will be aligned to district, state and national world language standards. Language study will be complemented by the study of traditional and contemporary Chinese culture. Reading and writing instruction will focus on simplified Chinese characters. Textbook and workbook: Integrated Chinese, Level I, Part II

World Languages

CHINESE, MANDARIN IV

School(s): **Pioneer, Skyline**

Course #: **504028**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Chinese Mandarin III	**APPROVED**

Chinese, Mandarin IV course is an Intermediate high/advanced Low-level course. Students will learn from Chapter 16 to Chapter 20 in the textbook (Integrated Chinese) which includes: Hangout with Friends, Rent an Apartment, Sports, Travel, and at Airport. Instruction and assessment will be aligned to district, state and national world language standards. Language study will be complemented by the study of traditional and contemporary Chinese culture. Reading and writing instruction will focus on simplified Chinese characters. Textbook and workbook: Integrated Chinese, Level 1, Part II

CHINESE, MANDARIN SL/HL YR1 IB
CHINESE, MANDARIN SL YR2 IB
CHINESE, MANDARIN HL YR2 IB

School(s): **Huron**

Course #: **IB509200, IB509201, IB509202**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Chinese, Mandarin II	**APPROVED**

Chinese, Mandarin SL/HL Yr1 (Grade 11)

Chinese, Mandarin SL/HL Yr l (IB) is the first year of a two-year course, for students with an intermediate proficiency level of Mandarin. Through the development of receptive, productive and interactive skills, students should be able to develop mastery of Chinese language skills and intercultural understanding. The core topics are: Identities; Human ingenuity; Social organization; Sharing the planet. This course also prepares students for the DP internal and external assessments. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students and course DP students.

Chinese, Mandarin SL Yr2 (Grade 12)

Chinese, Mandarin SL Yr 2 (IB) is the second year of a two-year course, for students with an Intermediate /advanced proficiency level of Mandarin Chinese. Through the development of receptive, productive and interactive skills, students should be able to develop Chinese skills through the study and use of a range of written and spoken authentic materials. Such materials will extend from everyday oral exchanges to literary texts, and will be related to Chinese culture(s). The core topics are: Identities; Human ingenuity; Social organization; Sharing the planet. This course also prepares students for the DP internal and external assessments. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students and course DP students.

Chinese, Mandarin HL Yr2 (Grade 12)

Chinese, Mandarin HL Yr 2 (IB) is the second year of a two-year course, for students with Advanced Proficiency level of Mandarin Chinese. There is a common syllabus at SL and HL (with literature as an additional component of the HL course). The authentic materials are chosen to enable students to master high level language skills and intercultural understanding. The differences between SL and HL are determined by the assessment objectives, the depth and breadth of syllabus coverage, the assessment details, the assessment criteria, and literature coverage. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

ETYMOLOGY

School(s): **Skyline**

Course #: **503061**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Term	0.5		None	

This is a class about words. Most students take a class like this because they want to succeed in school, on examinations, or in the professional world. In short, they want to build their vocabulary. In taking this class, students will indeed learn new words, but - more importantly - they will master the meanings of a wide variety of prefixes, word bases, and suffixes. Students will understand how words are built and will be able to use their knowledge to analyze and understand new words that they encounter outside the classroom. They will become sensitized to words and will have at their command a set of tools that can greatly increase their chances of success in life.

FRENCH AB INITIO SL YR1 IB
FRENCH AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB501101, IB501102**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

French Ab Initio Yr1 (Grade 11)

French ab initio year 1 course is a novice low-high level course, no pre-requirement. The purpose for this course is for DP students with opportunities to practice and explore the beginning level French, as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations. French ab initio is available at SL only. The topics are: Who am I?, Daily Routine, Gastronomy (art of food), Getting there, Getting around, Health, and Free time activities. This course satisfies the Group 2: Language Acquisition requirement for the IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. Students enrolled in the Ab Initio languages do not need to have any prior experience with the language.

French Ab Initio Yr2 (Grade 12)

French ab initio year 2 course is a Novice Mid/high level course, which requests students to finish ab initio year 1. The purpose for this course is for DP students with opportunities to practice and explore the third year of French as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations. French ab initio is available at SL only. The topics are: What is “la Francophonie” ?, la musique, La technologie, and l’environnement. This course satisfies the Group 2: Language Acquisition requirement for the IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan.

FRENCH I

School(s): **Community, Pioneer, Skyline**

Course #: **501011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

French I offers the opportunity to study both the language and culture of France and French-speaking countries. Students will engage in listening, speaking, reading, writing, viewing, and interpreting activities. By the end of the course, students are expected to reach novice low to novice mid-proficiency levels based on the ACTFL (American Council on the Teaching of Foreign Languages) guidelines.

FRENCH I IB

School(s): **Huron**

Course #: **IB501011**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	World Language	None	**APPROVED**

French I (IB) offers the opportunity to study both the language and culture of France and francophone countries. Students will be assessed on the following MYP criteria: listening comprehension (A); reading comprehension (B); speaking (C); and writing (D). In order to meet these objectives, students will engage in listening, speaking, reading, writing. By the end of the course, students are expected to reach Novice Mid or Novice High proficiency levels based on the ACTFL (American Council on the Teaching of Foreign Languages) guidelines.

World Languages

FRENCH II

School(s): **Community, Pioneer, Skyline**

Course #: **501021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	French I	**APPROVED**

Continued study of the structure of the French language but with a progressively greater emphasis on the acquisition of the four basic skills. By the end of the second year the student should have a basic knowledge of the principal structures of the French language.

FRENCH II IB

School(s): **Huron**

Course #: **IB501021**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	French I	**APPROVED**

French II (IB) offers the opportunity to continue studying the language and culture of France and francophone countries. Students will be assessed on the following MYP criteria: listening comprehension (A); reading comprehension (B); speaking (C); and writing (D). In order to meet these objectives, students will engage in listening, speaking, reading, writing. By the end of the course students are expected to reach Novice High or Intermediate Low proficiency levels based on the ACTFL (American Council on the Teaching of Foreign Languages) guidelines.

FRENCH III

School(s): **Community, Pioneer, Skyline**

Course #: **501031**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	French II	**APPROVED**

French III offers the opportunity to continue studying the language and culture of France and francophone countries. Students will continue to demonstrate their proficiency through their engagement in the thematic units. These units will include the three modes of communication (interpersonal, interpretive and presentational) and incorporate all four skills of reading, listening, reading and writing in the French language.

Upon successful completion of this course students should select French IV.

FRENCH III IB

School(s): **Huron**

Course #: **IB501031**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	French II IB	**APPROVED**

MYP French III offers the opportunity to continue studying the language and culture of France and francophone countries. Students will be assessed on the following MYP criteria: Listening (A); Reading (B); Speaking (C); Writing (D). The topics are: What is “la Francophonie” ?, la musique, La technologie, and l’environnement. This course satisfies the Group 2 language requirement for the IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. By the end of the course students are expected to reach Intermediate Low or Intermediate Mid-proficiency levels based on the ACTFL (American Council on the Teaching of Foreign Languages) guidelines. Upon successful completion of this course, students should select French SL/HL Year 1 IB.

World Languages

FRENCH IV

School(s): **Community, Pioneer, Skyline**

Course #: **501041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	French III	**APPROVED**

In French IV, students will continue to develop proficiency to communicate with native speakers in real life situations. Teachers will offer activities that allow them to work on developing their interpretive reading and listening skills, as well as interpersonal and presentational speaking and writing skills with support from the teacher and classmates. Students will have opportunities to use authentic resources from the target language that will focus on culture, comparisons and connections. Students do extensive culture readings, research on various culture topics and practice writing skills through several essay assignments. Students at this intermediate language level are expected to demonstrate greater and more sophisticated proficiency of the target language through literature, culture and history.

Upon successful completion of this course, students should select a CR at U of M, or AP French.

FRENCH LANGUAGE, AP

School(s): **Pioneer, Skyline**

Course #: **501051**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Terms (Skyline)	0.5	World Language	French IV	**APPROVED**

The AP French Language course stresses the use of French for active communication, emphasizing oral skills, composition, and grammar. The students may read current French magazines and newspapers as well as French literature. Students will be expected to demonstrate the ability to understand spoken French in formal and conversational situations, and to express ideas both orally and in writing with reasonable fluency. Written compositions will be required. Students are required to use only French in the classroom.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

FRENCH SL/HL YR1 IB
FRENCH SL YR2 IB
FRENCH HL YR2 IB

School(s): **Huron**

Course #: **IB509300, IB509301, IB509302**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	World Language	French II	**APPROVED**

French SL/HL Yr1 (Grade 11)

French SL/HL Yr 1 (IB) is the first year of a two-year course that approaches the learning of French through culturally contextualized units. Through the study of thematic units, students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During this first year course, all students will read an authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

French SL Yr2 (Grade 12)

French SL Yr 2 (IB) is the second year of a two-year course. The French SL/HL (IB) class approaches the learning of French through culturally contextualized units. Through the study of thematic units, students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During this second year of the two-year course, all students will read an authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

French HL Yr 2 (Grade 12)

French HL Yr 2 (IB) is the second year of a two-year course. The French SL/HL (IB) class approaches the learning of French through culturally contextualized units. Through the study of thematic units, students will explore French-speaking culture around the world, while simultaneously increasing their proficiency. During the course of this second year, students will read another authentic piece of French-language literature. Students will build the necessary skills to reach the assessment objectives of the French Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in French. In addition, all reading, writing, and oral dialogues and presentations will be in French. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Students who complete both years of the DP language sequence are eligible to take both the IB Diploma Programme Language B exam and the Advanced Placement (AP) Language exam. DP Full Diploma Students MUST take the DP Language B exam. Students who wish to take the AP exam should consult the College Board website for study materials, sign-up, and fees.

GERMAN AB INITIO SL YR1 IB
GERMAN AB INITIO SL YR2 IB

School(s): **Huron**

Course #: **IB502101, IB502102**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language		**APPROVED**

German Ab Initio Yr1 (Grade 11)

German ab initio ("from the beginning") year 1 course designed for 11th grade students who are enrolled in the Full IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. Students enrolled in the Ab Initio languages do not need to have any prior experience with the language. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German Ab Initio Yr2 (Grade 12)

German ab initio ("from the beginning") year 2 course designed for 12th grade students who are enrolled in the Full IB Diploma Programme. This course adheres to the standards adopted by the State of Michigan. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

World Languages

GERMAN I

School(s): **Pioneer**

Course #: **502011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

The emphasis in German I is on speaking the language and on oral comprehension. Extensive use of technology helps in the acquisition of communication skills, which include reading and writing. Language production and active communication in all its forms is stressed.

Upon successful completion of this course students should select German II or German II AC with teacher recommendation.

GERMAN II

School(s): **Pioneer**

Course #: **502021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	German I	**APPROVED**

In German II, basic grammar, vocabulary, and listening, speaking, reading and writing skills are emphasized. Various aspects of German culture also continue to be studied. Student language production is emphasized.

GERMAN III

School(s): **Huron, Pioneer**

Course #: **502031**

Grade(s): **10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	German II	**APPROVED**

In this accelerated course, a brief review of general grammar is presented, followed by intensive study of more complex grammatical forms and idiomatic expressions. All four language skills are stressed (listening, speaking, reading and writing) on an accelerated basis. German culture is presented through the study of current events, customs, and some German history.

Upon successful completion of this course, students should select German IV.

GERMAN IV

School(s): **Pioneer**

Course #: **502041**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	German III	**APPROVED**

In this fourth year course, primary emphasis is placed on advancing the students' communicative skills through the study of advanced grammatical structures, writing of compositions, oral presentations and reading of authentic German materials, newspapers, magazines, short stories and excerpts of longer German works. Art, culture and current events are also studied. Students are encouraged to use German every day. Instruction is given primarily in German.

Upon successful completion of this course, students should select AP German Language with teacher recommendation.

World Languages

GERMAN LANGUAGE, AP

School(s): **Pioneer**

Course #: **502051**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	German IV AC; and teacher recommendation	**APPROVED**

The AP German Language course is the culmination of the German language program that emphasizes speaking, reading and writing. The goal is a high level of proficiency in understanding spoken German in formal and conversational situations and in the use of vocabulary and grammar. Students should be able to read and understand authentic texts and authentic videos, fiction and non-technical writing. They should be able to express a variety of ideas orally and in writing by the end of the year.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

GERMAN SL/HL YR1 IB
GERMAN SL YR2 IB
GERMAN HL YR2 IB

School(s): **Huron**

Course #: **IB509400, IB509401, IB509402**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year each	0.5	World Language	German II	**APPROVED**

German SL/HL Yr1 (Grade 11)

German SL/HL Yr1 (IB) is the first year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German SL Yr2 (Grade 12)

German SL Yr2 (IB) is the second year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

German HL Yr2 (Grade 12)

German HL Yr2 (IB) is the second year of a two-year course. This course provides students with the opportunity to promote an understanding of other cultures through the study of language. This two year course is intended for 11th and 12th grade students and designed for students who possess a degree of knowledge and experience in German. This course satisfies the foreign language requirement for Full IB Diploma students. Selecting the Higher Level option in senior year should be able to follow university courses in German. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Students who complete both years of the DP language sequence are eligible to take both the IB Diploma Programme Language B exam and the Advanced Placement (AP) Language exam. DP Full Diploma Students MUST take the DP Language B exam. Students who wish to take the AP exam should consult the College Board website for study materials, sign-up, and fees.

World Languages

SPANISH I

School(s): **Community, Pathways, Pioneer, Skyline**

Course #: **505011**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	None	**APPROVED**

Spanish I offers the opportunity to study both the language and the culture of the Spanish-speaking community. The course focuses on building a basic proficiency that allows students to communicate in the target language in realistic and common situations. Class activities and assessments will emphasize interpretive reading and listening skills, as well as interpersonal and presentational speaking and writing skills. Students will utilize authentic resources from the target culture to concentrate on culture, comparisons and connections.

Upon successful completion of this course, students should select Spanish II with teacher recommendation.

SPANISH I IB

School(s): **Huron**

Course #: **IB505011**

Grade(s): **9**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
1 Year	0.5	o	None	**APPROVED**

Spanish I (IB) is intended to help students develop their understanding of the fundamental concepts of Spanish language and Spanish-speaking cultures. The course will cover all the novice ACTFL and Michigan standards for foreign language. This course is intended for all students with no prior experience in Spanish. It will serve as an introductory class that will prepare students for upper level Spanish courses and will meet half of the State of Michigan 2-year language graduation requirement. The performance expectations of the course will focus on all language competencies: interpretive reading, interpretive writing, interpersonal writing, interpersonal speaking, presentational writing, presentational speaking and students' cultural competencies.

SPANISH II

School(s): **Community, Pathways, Pioneer, Skyline**

Course #: **505021**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Spanish I	**APPROVED**

In Spanish II, students will continue to develop proficiency to communicate with native speakers in realistic situations. Teachers will offer activities that allow them to work on developing their interpretive reading and listening skills, as well as interpersonal and presentational speaking and writing skills. Students will have opportunities to use authentic resources from the target language that will focus on culture, comparisons and connections with the target culture.

SPANISH II IB

School(s): **Huron**

Course #: **IB505021**

Grade(s): **9, 10**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Spanish I IB	**APPROVED**

In Spanish II. IB students continue to study the structure of the language through listening, oral and written drills and more complex grammatical structures. This course includes conversation and a progressively greater emphasis is placed on the acquisition of reading and writing skills. The study of Spanish-speaking cultures continues via Inquiry Based activities.

SPANISH III

School(s): **Community, Pioneer, Skyline**

Course #: **505031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Spanish II	**APPROVED**

In Spanish III, students will continue to develop proficiency to communicate with native speakers in real-life situations with additional support from the teacher and classmates. Teachers will offer activities that allow students to work on developing their interpretive reading and listening skills, as well as interpersonal and presentational speaking and writing skills. Students will have increased opportunities to use authentic resources from the target language that will focus on culture, comparisons and connections. Students will be expected to communicate in the target language with support. This class offers a more challenging approach to the four language skills. This course provides students additional opportunities to expand their listening, speaking, reading and writing skills as they create the language and as they access authentic materials and media on generally familiar topics.

Upon successful completion of this course, students should select Spanish IV.

SPANISH III IB

School(s): **Huron**

Course #: **IB505031**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Spanish II IB	**APPROVED**

In Spanish III IB, students will continue to develop proficiency to communicate with native speakers in real-life situations with additional support from the teacher and classmates. Teachers will offer activities that allow students to work on developing their interpretive reading and listening skills, as well as interpersonal and presentational speaking and writing skills. Students will have increased opportunities to use authentic resources from the target language that will focus on culture, comparisons and connections. Students will be expected to communicate in the target language with support. This class offers a more challenging approach to the four language skills. This course provides students additional opportunities to expand their listening, speaking, reading and writing skills as they create the language and as they access authentic materials and media on generally familiar topics.

Upon successful completion of this course, students should select Spanish IV or Spanish SL/HL YR1 IB.

SPANISH IV

School(s): **Community, Pioneer, Skyline**

Course #: **505041**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Spanish III	**APPROVED**

In Spanish IV, students will continue to develop proficiency to communicate with native speakers in real life situations. Teachers will offer activities that allow them to work on developing their interpretive reading and listening skills, as well as interpersonal and presentational speaking and writing skills with support from the teacher and classmates. Students will have opportunities to use authentic resources from the target language that will focus on culture, comparisons and connections. Students do extensive culture readings, research on various culture topics and practice writing skills through several essay assignments. Students at this advanced language level are expected to demonstrate greater and more sophisticated proficiency of the target language through literature, culture and history.

Upon successful completion of this course, students should select Spanish V, Spanish SL/HL YR1 IB, a CR at U of M, or AP Spanish.

SPANISH V

School(s): **Community**

Course #: **505052**

Grade(s): **9, 10, 11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Spanish IV or Permission of teacher	**APPROVED**

The Spanish V provides students with opportunities to develop language proficiency across the three modes of communication: Interpretive, Interpersonal, and Presentational. Students learn about culture through the use of authentic materials that are representative of the Spanish-speaking world. Materials include a variety of media such as newspapers, organization websites, music selections, literary works, interviews, movies, charts, and graphs. Spanish 5 is a language acquisition course designed to provide students with the necessary skills and intercultural understanding enabling them to communicate successfully in an environment where Spanish is spoken and, as such, is an immersion experience requiring exclusive use of Spanish.

SPANISH LANGUAGE, AP

School(s): **Pioneer, Skyline**

Course #: **505051**

Grade(s): **12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms 3 Terms (Skyline)	0.5	World Language	Spanish IV	**APPROVED**

Students will improve interpersonal, interpretive, and presentational modes of communication in Spanish and increase vocabulary usage, language control, communication strategies, and cultural awareness. The course engages students in an exploration of culture in both contemporary and historical contexts, and it develops students' awareness and appreciation of cultural products, practices, and perspectives. The course is taught exclusively in Spanish, and students are expected to speak Spanish at all times.

This course has preparation for the Advanced Placement examination, for college credit, as one of its objectives. However, students electing the course are not obligated to take the examination. AP testing occurs in May.

SPANISH SL/HL YR1 IB
SPANISH SL YR2 IB
SPANISH HL YR2 IB

School(s): **Huron**

Course #: **IB509600, IB509601, IB509602**

Grade(s): **11, 12**

Duration:	Credit/Term	Meets Grad Requirements	Prerequisite:	NCAA Status
2 Terms	0.5	World Language	Spanish III	**APPROVED**

Spanish B SL/HL Yr1 (Grade 11)

Spanish SL/HL Yr 1 (IB) is the first year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of thematic units, students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. During this first year of the two-year course, all students will read an authentic piece of Spanish-language literature. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Students must complete Spanish B SL/HL Yr1 in Grade 11 before taking Spanish B SL or HL Yr2 in Grade 12.

Spanish B SL Yr2 (Grade 12)

Spanish SL Yr 2 (IB) is the second year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of thematic units, students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students

Spanish B HL Yr 2 (Grade 12)

Spanish HL Yr 2 (IB) is the second year of a two-year course that approaches the learning of Spanish through culturally contextualized units. Through the study of thematic units, students will explore Spanish-speaking culture around the world, while simultaneously increasing their proficiency. During the course of this second year students will read another authentic piece of Spanish-language literature. Students will build the necessary skills to reach the assessment objectives of the Spanish Language B Course by expanding their receptive, productive, and interactive skills. The class will be conducted in Spanish. In addition, all reading, writing, and oral dialogues and presentations will be in Spanish. This course satisfies the Group 2: Language Acquisition requirement for Full IB Diploma students.

Students who complete both years of the DP language sequence are eligible to take both the IB Diploma Programme Language B exam and the Advanced Placement (AP) Language exam. DP Full Diploma Students MUST take the DP Language B exam. Students who wish to take the AP exam should consult the College Board website for study materials, sign-up, and fees.