

# PROGRAM OF STUDY

## Imlay City High School



*“Home of the Spartans”*

2023/2024

### MISSION STATEMENT

The Imlay City High School community will build and maintain positive relationships, engage students in intentional instruction, and uphold high expectations; all students will achieve mastery of essential curriculum, develop a passion for lifelong learning, and become contributing members of our ever-changing world.

# IMLAY CITY HIGH SCHOOL

## PROGRAM OF STUDY

August, 2023

Dear Students,

This Program of Study booklet has been developed to help you and your parents successfully plan your course of study at Imlay City High School. Students are always most successful when home and school work together. We are partners in your success. Please take the time to examine the course offerings in the booklet and select courses based upon graduation requirements, ability, interest, and career goals with your loved-ones. Course descriptions, prerequisites, and sequence of classes are included to give you an overview of the curriculum for the 2018-2019 school year.

It is extremely important that you think carefully about the courses that you select. Courses in certain areas are related to each other and increase in complexity from year to year. Therefore, the courses that you take in ninth grade will have a significant impact on the courses that you take in twelfth grade, and for that matter, even in college. At times, it may be tempting to avoid some of the “harder” courses, but you will find it easier to push yourself at the beginning of high school rather than trying to make up deficiencies later.

If you are planning to attend college – a decision that we highly recommend – your chance for admission to and success in particular programs will improve if you have a strong educational background. Select courses that will enhance your college and career choices following graduation. If you are not planning to attend college, we strongly recommend that you consider attending at least two years of post-high school education. Experts agree that two years of education beyond high school is a must for every person who hopes to earn a higher wage in today’s market.

As you may know, the State Board of Education and Michigan legislature have mandated specific graduation requirements. The Michigan Merit Curriculum requires four years of math and English language arts, three years of science and social studies; as well as two credits of the same foreign language, and one credit of health/physical education and visual, performing and/or applied arts.

We hope that you find your educational experiences at ICHS challenging and rewarding!

Sincerely,

Josh Henley  
Principal

### DEPARTMENT CHAIRPERSONS/REPRESENTATIVES

|                               |                |           |
|-------------------------------|----------------|-----------|
| Computers/Technology          | Doug Sloan     | Ext. 9826 |
| English Language Arts         | Angela Koss    | Ext. 9829 |
| Foreign Language              | Jennifer Kraly | Ext. 9830 |
| Mathematics                   | Chad Halsted   | Ext. 9809 |
| Science                       | Tom DeClark    | Ext. 9819 |
| Social Studies                | Amy Lee        | Ext. 9831 |
| Special Education             | Sandra Doll    | Ext. 9823 |
| Visual and Performing Arts/PE | Greg Irwin     | Ext. 9827 |

**Josh Henley** ..... **Principal – Ext. 9815**  
**Elizabeth Gallagher** ..... **Assistant Principal – Ext. 9856**  
**Don Gauthier** ..... **Director of Athletics – Ext. 9851**

**Counselors:**  
**Craig Miller A-L**  
(810) 724-9821  
**Kortney McCulfor M – Z**  
(810) 724-9807

# IMLAY CITY HIGH SCHOOL COURSE OFFERINGS 2023/2024

## ENGLISH

4101 English 9  
4102 English 10  
4103 English 11  
4104 English 12  
4151 AP Lit. & Composition  
4153 Drama  
4163 ESL Literacy  
4157 Creative Read. & Writ.

## SCIENCE

4302 Science 9  
4306 Biology I  
4307 Anat/Phys/Bio II  
4308 Chemistry I  
4309 AP Chemistry  
4311 Conceptual Physics  
4310 Physics  
4315 AP Env. Science

## ART

4550 Art I  
4551 Art II  
4552 Art III  
4553 Art IV  
4554 Studio Art  
05001 Dance Technique  
05051 Intro to the Theatre  
05052 Theatre Arts

## WORLD LANGUAGE

4121 Spanish I  
4122 Spanish II  
4123 Spanish III  
4131 French I  
4132 French II  
4133 French III

## SOCIAL STUDIES

4450 Wld History/Geog  
4402 US History/Geog.  
4403 Civics  
4404 Economics  
4405 Sociology  
4406 Psychology  
4410 AP US History  
4451 Current Events

## MUSIC

4601 Spartan Harmony  
4602 Spartan Vox  
4603 Concert Band  
4604 Wind Ensemble

## PHYSICAL EDUCATION

4701 PE/Health  
4704 Athletic Enhancement  
4705 Lifetime Fitness

## MATH

4206 Algebra I  
4208 Geometry  
4210 Algebra II  
4211 Intro. Algebra II  
4214 Pre-Calc. & Trig.  
4215 Personal Finance  
4213 AP Calculus

## COMPUTERS

4853 Multimedia Technology  
4852 Digital Media Prod.  
4865 Digital Imag. & Pub.  
4870 AP Comp. Science Prin.

## OTHER COURSES/PROGRAMS

9000 Online  
4081 Dual Enrollment  
4900/4901 STEM Acad. Traditional  
4902 STEM CTE Blend

## ED-TECH COURSES

VAS1/VAS2 Agriscience – Animal  
Science/Horticulture  
VAB1/VAB2 Auto Body  
VAM1/VAM2 Auto Mechanics  
VCE1/VCE2 Careers in Education  
VCD1/VCD2 Computer Aided Design (CAD)  
VCN1/VCN2 ITnet  
VBT1/VBT2 Construction Trades  
VCO1/VCO2 Cosmetology  
VCA1/VCA2 Culinary Arts  
VDT1/VDT2 Diesel Technology  
VDM1/VDM2 Digital Media Arts  
VHO1/VHO2 Health Occupations  
VHS1/VHS2 Health Science Professions  
VMP1 Med. Careers Acceleration Prog.  
VPE1 Pre-Engineering Program  
VPS1/VPS2 Public Safety/Protective Services  
VMC1/VMC2 Res. Elec., Plumb., & HVAC  
VRV1/VRV2 Recreational Vehicle Repair  
VMX1/VMX2 Robotics & Mechatronics  
VME1/VME2 Marketing & Entrepreneurship  
VMT1/VMT2 Welding & Machining Tech.

### Grading System

|         |    |                            |
|---------|----|----------------------------|
| 100-93% | A  | 4.000                      |
| 92-90%  | A- | 3.666                      |
| 89-87%  | B+ | 3.333                      |
| 86-83%  | B  | 3.000                      |
| 82-80%  | B- | 2.666                      |
| 79-77%  | C+ | 2.333                      |
| 76-73%  | C  | 2.000                      |
| 72-70%  | C- | 1.666                      |
| 69-67%  | D+ | 1.333                      |
| 66-63%  | D  | 1.000                      |
| 62-60%  | D- | 0.666                      |
| 59-0%   | F  | 0.000                      |
| Credit  | P  | Not computed<br>into G.P.A |

# VISUAL PERFORMING ARTS

**ART I (4550) - VPA**

**Grades: 9, 10, 11, 12**

**1 Credit**

**Prerequisites:** None

**1 Year Long**

In this introductory class, students will explore two and three-dimensional media in art. Basic techniques, elements and principles of design, color theory and a variety of media will be explored. Students will be introduced to art criticism, aesthetics and art history as well as the terms and tools associated with the art field. Media will include watercolor, pen and ink, clay sculpture, pencil rendering, tempera painting, scratchboard, etc. The art history segment will cover major art movements from prehistoric to modern.

*Assessments:* Assessment will be based on the quality of work produced and the improvement of an individual's technique. Composition and effort, as well as knowledge of terms, tools and history, will also be assessed. Students are expected to utilize the techniques and concepts learned in order to demonstrate improvement. Use of the artistic language is also expected.

**ART II (4551) - VPA**

**Grades: 10, 11, 12**

**1 Credit**

**Prerequisites:** Art I

**1 Year Long**

Art II picks up where Art I leaves off, exploring new terms, tools and techniques. Students will use the knowledge and skills gained in Art I while exploring new expressive media, creating unique artistic projects and studying art history. More emphasis will be placed on the student's individual style of development and his/her overall improvement. Media will include watercolor, pen and ink, clay sculpture, pencil rendering, tempera painting, scratchboard, etc. The art history segment will cover major art movements from prehistoric to modern. Art history will be more in depth at this level and students will be expected to learn more about artists, styles and masterworks.

*Assessments:* Assessment will be based on the quality of work produced, use of art principles and compositional elements and effort. Knowledge of art tools, terminology and art history will be assessed as well.

**ART III (4552) - VPA**

**Grades: 11, 12**

**1 Credit**

**Prerequisites:** Art II

**1 Year Long**

This course is less teacher-directed and students should be highly self-motivated. Less stringent direction allows for more individual style and creativity. Utilization of knowledge and skills learned in Art I and Art II will be stressed while students complete work geared toward portfolios for college admission. This class is designed for students wishing to explore new mediums. Media will include all from Art I and Art II plus introduction to acrylic painting, glass etching, etc.

*Assessments:* Assessment will be based on the quality of work produced, improvement of techniques, use of art principles and elements of design. Overall composition and effort, as well as a working knowledge of terms, tools and art history, will also be evaluated. Portfolios will be evaluated at the end of the course. At this level, students are expected to be gaining an impressive body of art for possible inclusion in their portfolios.

**ART IV (4553) - VPA****Grade: 12****1 Credit****Prerequisites:** Art III**1 Year Long**

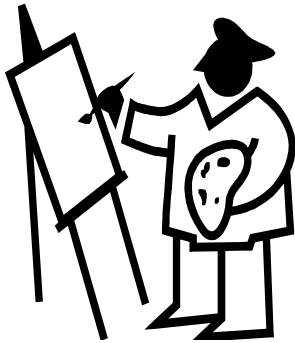
Art IV students will apply skills and knowledge gained from previous classes to build a body of work suitable for a portfolio. Portfolios will be used for possible scholarships and admission to college. Understanding of the art language, tools and techniques is expected, as well as knowledge of the style and techniques used by many great artists. Due to the emphasis on style and technique development, it is expected that students will produce high quality work. This course is geared toward the serious art student. Media will include all from Art I and II plus an introduction to acrylic painting, glass etching, etc.

*Assessments:* Assessment will be based on the quality of work produced, improvement of techniques, use of art principles and elements of design. Overall composition and effort, as well as a working knowledge of terms, tools and art history, will also be evaluated. Portfolios will be evaluated at the end of the course.

**STUDIO ART (4554) - VPA****Grade: 12****1 Credit****Prerequisites:** Art IV + Art Teacher Recommendation**1 Year Long**

Studio Art students will use the class time perfecting and creating a portfolio for college admission and scholarships. Students at this level are less teacher directed but will apply skills and knowledge gained from previous classes. Only work for possible portfolio admission will be accepted, and as such, only students serious about an art career should consider this class. A high degree of skill is expected as well as an extensive use of artistic language. Research in possible career fields is also required.

*Assessments:* Assessment will be based solely on the completed portfolio, i.e., varied media, presentation, and overall quality of pieces presented.

**DANCE TECHNIQUE (05001) - VPA****Grades: 9,10,11, 12****1 Credit****Prerequisites:** None**1 Year Long**

Dance Technique courses provide students with experience in one or several dance forms (i.e. modern, jazz, ballet, and tap). Initial classes are usually introductory in nature, while the more advanced classes concentrate on improving students' technique and may offer or require experience in choreography and dance evaluation.

**DANCE TECHNIQUE 2 (xxxx) – VPA****Grades: 10,11,12****1 Credit****Prerequisites:** Dance Technique 1 (or by audition)**1 Year Long**

Dance Technique courses provide students with experience in one or several dance forms (i.e. modern, jazz, ballet, and tap). Initial classes are usually introductory in nature, while the more advanced classes concentrate on improving students' technique and may offer or require experience in choreography and dance evaluation.

**INTRODUCTION TO THE THEATRE (05051) - VPA****Grades: 9,10,11, 12****1 Credit****Prerequisites:** None**1 Year Long**

Introduction to the Theatre courses provide an overview of the art, conventions, and history of the theatre. Although the courses sometimes include experiential exercises, they emphasize learning about the theatre rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature, major playwrights, the formation of theatre as a cultural tradition, and critical appreciation of the art.

**THEATRE 2 (05053) – VPA** **Grades 10,11,12** **1 Credit**  
**Prerequisite: Introduction to Theatre 1** **1 Year Long**

Introduction to Theatre courses provide an overview of the art, conventions, and history of the theatre. Although the courses sometimes include experiential exercises, they emphasize learning about the theatre rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature, major playwrights, the formation of theatre as a cultural tradition, and critical appreciation of the art.

**MUSICAL THEATRE (05052) - VPA** **Grades: 9,10,11, 12** **1 Credit**  
**Prerequisites: None** **1 Year Long**

Musical Theatre focuses on the study and performance of drama including musical theatre. These courses review a wide range of scripted materials, such as plays, screen plays, teleplays, readers' theatre scripts, dramatic criticism, creation of original dramatic work, and the role of dramatic arts in society. In addition, students will work collaboratively on technical and performance projects.

**MUSICAL THEATRE 2 (05054) – VPA** **Grades: 10,11,12** **1 Credit**  
**Prerequisites: Musical Theatre 1** **1 Year Long**

Musical Theatre focuses on the study and performance of drama including musical theatre. These courses review a wide range of scripted materials, such as plays, screen plays, teleplays, readers' theatre scripts, dramatic criticism, creation of original dramatic work, and the role of dramatic arts in society. In addition, students will work collaboratively on technical and performance projects.

# COMPUTERS/TECHNOLOGY

**MULTIMEDIA TECHNOLOGY (4853) – VPA**      **Grades: 9, 10, 11, 12**

**1 Credit**

**Prerequisites: None**

**1 Year Long**

Computer Applications is a laboratory based class designed to give students at all skill levels an introductory experience working with computer applications, hardware, software, and Web 2.0 programs. Students will develop decision making skills, use creative thinking, and obtain hands-on experience working with a variety of computer tools to create, communicate, and present new ideas and information. Knowledge will be expressed in a variety of formats including the written word, numbers, graphical representation, and the use of media. Students will synthesize what they have learned to create original works throughout the course of the year.

The course will acquaint students with commonly used productivity programs and provide them with valuable computing skills they can use throughout their academic careers and beyond. Major areas of focus include:

- Google Suite for Education
- Photography & Photo Editing
- Graphic Design
- Digital Storytelling
- 3D Modeling
- Introductory Coding & Web Design

*Assessments:* Students will be evaluated based on a combination of in-class assignments, tests, quizzes, and real-world projects. Successful completion of the course will prepare students to take other technology classes in the future.

**DIGITAL IMAGING AND PUBLICATIONS (4865) – VPA**      **Grades: 10, 11, 12**

**1 Credit**

**1 Year Long**

Students will be responsible for producing the ICHS Yearbook, a student newspaper, and a variety of practical publications for school usage (newsletters, flyers, presentations, brochures). Students in the class will develop skills in digital photography, image editing, desktop publishing, and graphic design using a variety of software. Students will learn how to research, write, and layout a high school publication. Journalistic and graphic techniques that are used in the publishing and newspaper industry will be stressed. In addition, students will learn principles of advertising including accounting and ad design, leadership, and collaboration. Projects will count for the majority of the grade.

*Assessments:* Grades will be determined by the submission and completion of story/article ideas, meeting deadlines, and demonstrating an understanding of journalism by excelling in daily work and on quizzes and tests.

**DIGITAL MEDIA PRODUCTION (4852) - VPA**      **Grades: 10, 11, 12**

**1 Credit**

**Prerequisites:**

**1 Year Long**

Digital Media Production is a project-based course allowing students to creatively express themselves through still photography, digital graphics, animation, audio, and still and motion video. Students will be exposed to a variety of hardware and software that will allow them to more media aware. In a cooperative environment, students will experience the many aspects of media production. The course is designed to give students a detailed “behind-the-scenes” look at how various forms of media are made, from handling equipment to completing a finished product.

This course is intended to engage student learning through the completion of hands on projects and real world activities. Major areas of focus in the course include:

- Preproduction—planning, scriptwriting, and storyboarding
- Production-basic camera operations and recording procedures
- Postproduction— special effects, audio engineering and non-linear video editing
- Animation techniques

*Assessments:* Grading is based on a combination of in-class assignments, tests, quizzes, and real-world projects. While no prior technology experience is required to take the course, it is recommended that students take Computer Applications before enrolling in this course.

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**DIGITAL MEDIA PRODUCTION II (4854) – VPA Grades: 11, 12** **1 Credit**  
**Prerequisites: Digital Media Production** **1 Year Long**

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Digital Media Production II builds off the skills and concepts developed in the previous course. Students will take on leadership roles in groups, projects and productions, enhancing their knowledge of equipment use and video editing.

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**AP COMPUTER SCIENCE PRINCIPLES (4870) - VPA Grades: 9 – 12** **1 Credit**  
**Prerequisites: C or higher in Algebra I** **1 Year Long**

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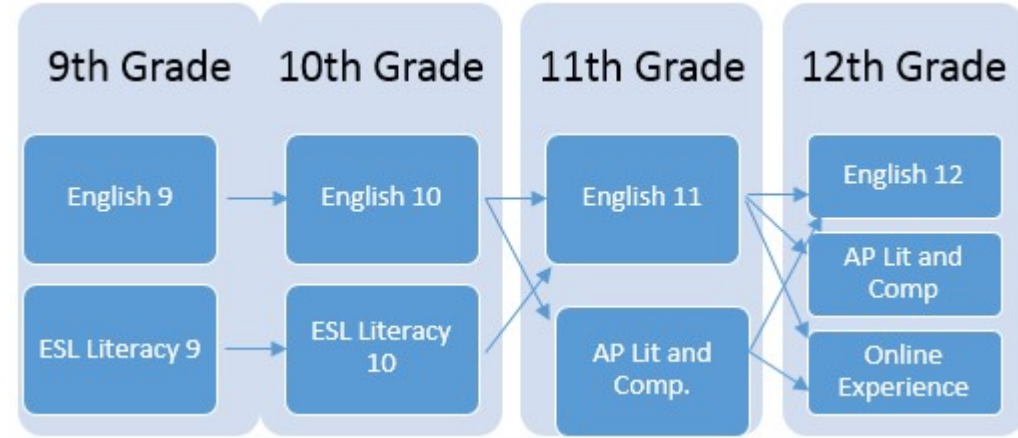
AP Computer Science Principles is a course where students design and implement innovative solutions using a creative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. This course covers the fundamentals of computer science and its impact on people, society, and innovation. Course topics include: algorithms, abstraction, elementary logic, generating and analyzing computational artifacts, digital security and privacy, computer networks, data encoding, creative and ethical computing, and using programming languages to develop computational artifacts. The course focus is on creativity. This course focuses on using technology and programming as a means to solve computational problems and create exciting and personally relevant artifacts. While many of these topics can be quite complex, this course will focus primarily on providing a high-level overview of each topic. **NO PRIOR KNOWLEDGE OF COMPUTER SCIENCE IS NECESSARY.** **This course is geared toward both students who have considered taking other AP courses and those who are not.** Students taking the course may elect to take the Spring Exam to earn college credit.

*Assessments:* Students will be evaluated based on a combination of in-class assignments, tests, quizzes, and real-world projects. Students will be encouraged to take the Spring AP Exam for the potential to earn college credit.





# ENGLISH



## **ENGLISH 9 (4101)**

**Grade: 9**

**1 Credit**

**Prerequisite:** None

**1 Year Long**

In this two-semester course, students will read and analyze narrative and informational texts and construct a variety of writing pieces for various purposes including argumentative, informative, and narrative using multiple technologies. Students will also use speaking and listening strategies and expand their knowledge of language- conventions and vocabulary. Class activities will align with the Michigan State Standards. Mentor texts may include but are not limited to various exemplar short stories, non-fiction, poetry, novel (*To Kill a Mockingbird*), epic (*The Odyssey*), and drama (*Romeo and Juliet*).

*Assessments:* Homework, writing projects, presentations, tests/quizzes, participation, effort, and quality of work are the basis for determining student success.

## **ENGLISH 10 (4102)**

**Grade: 10**

**1 Credit**

**Prerequisite:** None

**1 Year Long**

In this two-semester course, students will read and analyze narrative and informational texts, self-select novels for independent reading, and construct a variety of writing pieces for various purposes including argumentative, informative, and narrative using multiple technologies. Students will also use speaking and listening strategies and expand their knowledge of language- conventions and vocabulary. Class activities will align with the Michigan State Standards. Mentor texts may include but are not limited to various exemplar short stories, non-fiction, poetry, drama (*The Crucible*), and novel (*Of Mice and Men*).

*Assessments:* Homework, writing projects, presentations, tests/quizzes, participation, effort, and quality of work are the basis for determining student success.

## **ENGLISH 11 (4103)**

**Grade: 11**

**1 Credit**

**Prerequisites:** None

**1 Year Long**

In this two-semester course, students will read and analyze narrative and informational texts and construct a variety of writing pieces for various purposes including argumentative, informative, and narrative using multiple technologies. Students will also use speaking and listening strategies and expand their knowledge of language- conventions and vocabulary and complete a formal research project. Class activities will align with the Michigan State Standards. Mentor texts may include but are not limited to *Othello*, *Frankenstein*, *Oedipus the King*, and *Antigone*.

*Assessments:* Homework, writing projects, presentations, tests/quizzes, participation, effort, and quality of work are the basis for determining student success.

**ENGLISH 12 (4104)****Grade: 12****1 Credit****Prerequisites:** None**1 Year Long**

In this two-semester course, students will read and analyze narrative and informational texts and construct a variety of writing pieces for various purposes including argumentative, informative, and narrative using multiple technologies. Students will also use speaking and listening strategies and expand their knowledge of language- conventions and vocabulary. Class activities will align with the Michigan State Standards. Mentor texts may include but are not limited to *Night, 1984, Animal Farm, Hamlet, Canterbury Tales, and Fahrenheit 451*.

*Assessments:* Homework, writing projects, presentations, tests/quizzes, participation, effort, and quality of work are the basis for determining student success.

**ESL LITERACY 9 (4163)****Grade: 9****1 Credit****Prerequisites:** Teacher Recommendation**1 Year Long**

In this two semester course, students will focus on improving their reading skills through the use of the Hampton-Brown Edge program. Students will be motivated from the beginning by the essential questions, relevant literature, focused instruction, specialized best practice strategies, and scaffolded instruction. Activities are designed to deepen understanding and extend learning across the curriculum. In this class, students will have extensive practice in reading (both literature and informational text), writing, grammar, and test-taking/study skills. Students will access grade level literature in the following genres: fiction, poetry and song lyrics, drama, and nonfiction. Additionally, student will receive supplemental instruction from the English 9 curriculum.

*Assessments:* In class activities and discussions, participation, quality of completed assignments, tests and quizzes, and projects.

**ESL LITERACY 10 (4160)****Grade: 10****1 Credit****Prerequisites:** Teacher Recommendation**1 Year Long**

In this two semester course, students will focus on improving their reading skills through the use of the Hampton-Brown Edge program. Students will be motivated from the beginning by the essential questions, relevant literature, focused instruction, specialized best practice strategies, and scaffolded instruction. Activities are designed to deepen understanding and extend learning across the curriculum. In this class, students will have extensive practice in reading (both literature and informational text), writing, grammar, and test-taking/study skills. Students will access grade level literature in the following genres: fiction, poetry and song lyrics, drama, and nonfiction. Additionally, student will receive supplemental instruction from the English 10 curriculum.

*Assessments:* In class activities and discussions, participation, quality of completed assignments, tests and quizzes, and projects.

**ESL SUPPORT (4161)****Grades: 9, 10, 11, 12****1 Credit****Prerequisites:** Teacher Recommendation**1 Year Long**

In this two semester course, students will focus on improving their reading skills through the use of the Hampton-Brown Edge program. Students will be motivated from the beginning by the essential questions, relevant literature, focused instruction, specialized best practice strategies, and scaffolded instruction. Activities are designed to deepen understanding and extend learning across the curriculum. In this class, students will have extensive practice in reading, writing, and grammar. Students will access grade level literature in the following genres: fiction, poetry and song lyrics, drama, and nonfiction. Additionally, students may receive extra help for their other coursework.

**AP ENGLISH LITERATURE AND COMPOSITION (4151) Grades: 11, 12****1 Credit****Prerequisites:** Minimum A in current English class and/or Teacher Approval**1 Year Long**

Students will be engaged in careful reading and critical analysis of imaginative literature. Literature will be considered in terms of structure, style, themes, imagery, symbolism, and tone. Substantial reading and writing are required. Mentor texts may include but are not limited to a selection of poetry, *The Great Gatsby, King Lear, and The Awakening*. This is an advanced class, and students must expect academic rigor leading to preparation for the AP test.

*Assessments:* Weekly vocabulary quizzes, written worksheets, writing projects, presentations and tests are all used as assessment tools. Participation is expected and may be involved in assessment.

**CREATIVE READING AND WRITING (4157) – VPA Grades: 10, 11, 12**

**1 Credit**

**Prerequisite:** Passing Current English Course

**1 Year Long**

In this two-semester course, the focus will be reading and writing fiction. The first semester will sharpen students' skills as critical readers through exploration of poetry, short stories and novels. During the second semester, students will explore a range of creative writing genres, including poetry, creative non-fiction, drama, and multi-media writing.

*Assessments:* Homework, writing projects, presentations, tests/quizzes, participation, readers and writers notebook, and quality of work are the basis of determining student success.

# WORLD LANGUAGE

*Experience with a foreign language is valued by universities and may also be an admissions and graduation requirement. Two years of a high school foreign language helps prepare students for college by improving their study skills, enriching their vocabularies and teaching them the importance of diversity. Some universities offer students, who can demonstrate a high degree of foreign language fluency, the opportunity to “test out” and exempt their foreign language requirement. Additionally, many degrees require a student to complete a foreign language. Having the background and experience in high school will better prepare a student for their college future.*

*The Michigan Merit Curriculum requires that students take two years of the same foreign language. There is a provision that would allow a student to replace their second year of a foreign language with an additional Visual/Performing/Applied Arts credit. Students interested in this option should speak with their counselor, as it does have an impact on their college planning.*

**SPANISH I (4121)** **Grades: 9, 10, 11, 12** **1 Credit**  
**Prerequisites:** None **1 Year Long**

As a first year course, Spanish I will give students the opportunity to learn basic vocabulary and sentence structure as well as gain exposure to the unique cultural elements found in Spanish speaking countries. Students will learn proper number and vocabulary usage along with common greetings and appropriate responses. The present tense will be taught in conjunction with basic grammar.

*Assessments:* Students will be evaluated based on their effort, knowledge, reading, speaking, and listening skills through the use of daily work, quizzes, tests, presentations, and projects.

**SPANISH II (4122)** **Grades: 9, 10, 11, 12** **1 Credit**  
**Prerequisites:** Spanish I **1 Year Long**

As a continuation of those skills learned in Spanish I, students enrolled in Spanish II will increase their knowledge and appreciation of the language and culture. With a focus on increasing the students’ vocabulary and understanding of intermediate grammar structure, students should anticipate a more intense, yet interesting, learning experience in this second year course. Students will use various methods of technology to enhance their learning potential.

*Assessments:* Daily assignments, quizzes, tests, and projects will be the basis for evaluating individual students’ effort, knowledge, reading, speaking, and listening skills.

**SPANISH III (4123)** **Grades: 10, 11, 12** **1 Credit**  
**Prerequisites:** Spanish II and Teacher Approval **1 Year Long**

Students who are enrolled in Spanish III will focus on improving their oral command of the Spanish language while increasing their vocabulary and understanding of advanced grammar and syntax. Students will complete many activities, projects, and presentations that practice the oral and written use of the target language. In addition, students will read Spanish literature pieces that will support their classroom learning and will assist in making real world connections to the people, language, and culture of the Spanish-speaking world.

*Assessments:* Daily assignments, quizzes, tests, and projects will be the basis for evaluating individual students’ effort, knowledge, reading, speaking, and listening skills.

**SPANISH IV (4124)** **Grades: 11, 12** **1 Credit**  
**Prerequisites:** Spanish III and Teacher Approval **1 Year Long**

As a continuation of those skills learned in Spanish III, students enrolled in Spanish IV will increase their knowledge and appreciation of the language and culture. In addition to focusing on increasing vocabulary and understanding advanced grammar, students will have the opportunity to prepare and present projects in Spanish. Students will also read literature in Spanish.

*Assessments:* Daily assignments, quizzes, tests, and projects will be the basis for evaluating individual students’ effort, knowledge, reading, speaking, and listening skills.

**FRENCH I (4131)****Grades: 9, 10, 11, 12****1 Credit****Prerequisites:** None**1 Year Long**

In French I students learn basic vocabulary and sentence structures through reading, writing, speaking, and listening activities. Students will also learn differences between Francophone and American cultures and learn about the contributions of the French-speaking world.

*Assessments:* Students will be assessed in a variety of ways including daily assignments, quizzes, tests, projects, and presentations.

**FRENCH II (4132)****Grades: 10, 11, 12****1 Credit****Prerequisites:** French I**1 Year Long**

Students in French II will deepen their knowledge and appreciation of the French language and culture. Students will continue to improve their speaking, writing, listening, and reading skills through a variety of activities. Students will increase their vocabulary and understanding of grammatical structures as well as deepen their study of French culture, history, and geography.

*Assessments:* Students will be assessed in a variety of ways including daily assignments, quizzes, tests, projects, and presentations.

**FRENCH III (4133)****Grades: 11, 12****1 Credit****Prerequisites:** French II and Teacher Approval**1 Year Long**

Students in French III will continue to increase their knowledge and appreciation of the French language and culture. Students will improve their French through more challenging speaking, writing, listening, and reading activities. Students will begin reading abridged literature. They will deepen their understanding of French culture, history, and geography. This course is highly recommended for college.

*Assessments:* Students will be assessed in a variety of ways including daily assignments, quizzes, tests, projects, and presentations.

**FRENCH IV (4134)****Grades: 12****1 Credit****Prerequisites:** French III and Teacher Approval**1 Year Long**

Students enrolled in French IV will continue to deepen their appreciation and understanding of French and Francophone cultures. In addition to fine-tuning skills in the French language, students will study French geography, art, history, and literature. Students will increase their proficiency in the language through oral presentations and written compositions. This course is highly recommended for college.

*Assessments:* Students will be assessed in a variety of ways including daily assignments, quizzes, tests, projects, and presentations.



# MATH

**ALGEBRA I (4206)****Grades: 9, 10****1 Credit****Prerequisites:** None**1 Year Long**

In Algebra I students will learn about measures and equations, graphing, data analyzing, coordinates and functions. Problem solving equations, ratios, probability and similarity, direct variations, linear equations as models, reasoning and quadratic equations as models will also be studied.

*Assessments:* Students will be graded based on daily assignments, quizzes, notebooks, class projects, tests, and semester and final exams.

**GEOMETRY (4208)****Grades: 9, 10, 11, 12****1 Credit****Prerequisites:** Algebra I**1 Year Long**

Students will study the following topics: tools of geometry including geometric constructions, reasoning and proof, parallel and perpendicular lines, polygons, congruent triangles and relationships within triangles, quadrilaterals, area, similarity, surface area and volume, circles, and transformations.

*Assessments:* Students will be graded based on daily assignments, quizzes, notebooks, class projects, tests, and semester and final exams.

**ALGEBRA II (4210)****Grades: 10, 11, 12****1 Credit****Prerequisites:** Algebra I, Geometry**1 Year Long**

The content of this college preparatory course will include, but not be limited to the following: tools of algebra, functions, equations, graphs, linear systems, matrices, quadratic equations, polynomials, polynomial functions, radical functions, rational exponents, exponential functions, logarithmic functions, rational functions, quadratic relations, sequences and series, probability, and statistics.

*Assessments:* Students will be graded based on daily assignments, quizzes, notebooks, class projects, tests, and semester and final exams.

**INTRODUCTORY ALGEBRA II (4211)****Grades: 11, 12****1 Credit****Prerequisites:** Algebra I, Geometry, and Teacher Approval**1 Year Long**

This course is designed to help students gain an understanding of the basic concepts in the Algebra II curriculum. The content of this course will include linear equations and modeling, solving systems of equations, quadratic equations, polynomial simplification and solutions, rational and radical expressions, and probability. Students will use their content knowledge to model and make informed decisions given data from real world situations.

*Assessments:* Students will be graded based on daily assignments, quizzes, notebooks, class projects, tests, and semester and final exams.

**PRE-CALC & TRIG (4214)****Grades: 11, 12****1 Credit****Prerequisites:** Algebra II (Grade C or Higher) or Teacher Approval**1 Year Long**

This course is designed to review and build on concepts learned in previous math courses. Students will review and learn how to graph and manipulate a multitude of functions; lines, absolute values, hyperbolas, circles, greatest integer, periodic functions, trigonometry, trigonometric identities and equations, quadratics, cubes, logarithms, and exponentials. In addition, students will review and learn a variety of ways to solve equations and functions. Also covered are the unit circle and its applications involving trigonometric ideas. Examples of solving, modeling, real life scenarios and their applications will help students grasp mathematical concepts.

*Assessments:* Classwork, homework, quizzes, tests, projects, and final exams are the basis for determining students' grades.

**AP-CALCULUS (4213)****Grade: 12****1 Credit****Prerequisites:** Pre-Calculus (Grade B or Higher) and Teacher Approval**1 Year Long**

Many of the topics discussed will be an accelerated extension of pre-calculus. Topics studied will include: limits and their properties; differentiation with applications; integration; logarithmic, exponential and other transcendental functions; area and volume applications of integration; and other integration techniques including integration by parts, partial functions, and indeterminate forms. Successful completion of this course and a high score on the AP Calculus AB exam offered may result in college credit for Calculus I.

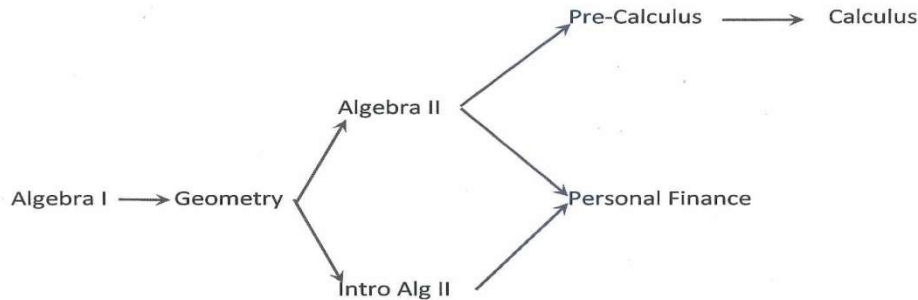
**Scientific calculators are required for this class.**

*Assessments:* Daily assignments, quizzes, notebooks, class projects, tests, and semester final exams are the basis for determining student success.

**PERSONAL FINANCE (4215)****Grade: 12****1 Credit***This course fulfills the 4<sup>th</sup> year math-related course requirement.***1 Year Long**

This course covers the fundamentals of mathematics involved in managing personal finances in everyday life. The purpose of the course is to prepare students for personal money management and being an informed consumer. The units covered include gross income, net income (including income taxes), budget preparation, checking accounts, savings accounts, purchases, credit cards, loans, vehicle transportation, housing costs, and insurance.

*Assessments:* Students will be graded based on daily assignments, quizzes, notebooks, class projects, tests, and semester and final exams.

**Imlay City High School Math Sequence****Ed-Tech Fulfillment of the 4<sup>th</sup> Year Math Requirement**

Students who complete two years in a program at the Lapeer County Career and Technical Center will fulfill the Michigan Merit Curriculum requirement which requires a student to take a math related class during their final year of high school.

# MUSIC

**WIND ENSEMBLE (4604) - VPA**

**Grades: 9, 10, 11, 12**

**1 Credit**

**1 Year Long**

**Prerequisites:** A background of solid fundamentals (sight-reading, scales, tone quality, technique, and understanding of rhythm/beat patterns) is required. Admission is through audition or permission of the instructor.

This class is a performance-based class for mature and responsible advanced instrumental music students. Members of the Wind Ensemble will be asked to perform standard wind band literature, orchestral transcriptions, as well as unique modern wind and percussion compositions. Some selections may call for a limited number of performers. Members will participate in the Fall, Winter, Pre-Festival, and Spring Concerts, as well as MSBOA Band and Orchestra Festivals, Commencement, Honors Convocation, Baccalaureate services, and Basketball Pep Band. Wind Ensemble members will also participate in all Spartan Marching Band events including Summer Band Camps, Blueberry Festival, Homecoming, Christmas, and Memorial Day Parades, as well as all home football games, regular season and playoffs. Road playoff games are also a possibility.

*Assessments:* Grading is based on rehearsal/classroom expectations, attendance and participation at all required events, practice cards, progress in the Music Proficiency Program, as well as class assignments and projects. Attendance at concerts, events (including home varsity football games), as well as summer and evening marching band rehearsals is mandatory.

**CONCERT BAND (4603) - VPA**

**Grades: 9, 10, 11, 12**

**1 Credit**

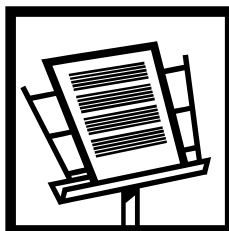
**1 Year Long**

**Prerequisites:** A background of solid fundamentals (sight-reading, scales, tone quality, technique, and understanding of rhythm/beat patterns) is required. Admission is through audition or permission of the instructor.

This class is a performance-based class for young and developing instrumental music students. Members of the Concert Band will be asked to perform standard wind band literature. Members will participate in the Fall, Winter, Pre-Festival, and Spring Concerts, as well as MSBOA Band and Orchestra Festivals, Commencement, Honors Convocation, Baccalaureate services, and Basketball Pep Band. Concert band members will also participate in all Spartan Marching Band events including Summer Band Camps, Blueberry Festival, Homecoming, Christmas, and Memorial Day Parades, as well as all home football games, regular season and playoffs. Road playoff games are also a possibility.

With the permission of the instructor, Wind Ensemble members may have the opportunity to play a secondary instrument in the Concert Band. For students who are allowed to pursue this option, extra lessons may be necessary outside of class.

*Assessments:* Grading is based on rehearsal/classroom expectations, attendance and participation at all required events, practice cards, progress in the Music Proficiency Program, as well as class assignments and projects. Attendance at concerts, events (including home varsity football games), as well as summer and evening marching band rehearsals is mandatory.





**SPARTAN HARMONY (4601) - VPA****Grades: 9, 10, 11, 12****1 Credit****Prerequisites:** None**Required:** No**1 Year Long**

Spartan Harmony is a performance-based course of study for beginning and intermediate vocal music students. Members of Spartan Harmony will rehearse and perform choral music from a variety of eras, styles, and genres. Students will reinforce, extend, and develop concepts of vocal tone production. They will also develop their ability to read sheet music at an intermediate level. Students will consistently demonstrate rehearsal skills conducive to higher-level music-making. All members of Spartan Harmony will participate in Fall, Winter, Collage, Pre-Festival, and Spring Concerts and MSVMA Choral Festival. Participation in district/community events and specialized performances (e.g. Pep Assemblies, Commencement, Musicals, Madrigal Dinner, Vocal Cabaret) is also a possibility. Students have the opportunity to participate in MSVMA Solo & Ensemble Festival.

At the end of each year, all members will audition for placement in the appropriate ensemble(s) for the next school year.

**Assessments:** Grading is based on performances (attendance, quality, and decorum), demonstration of effective rehearsal skills, note checks and written quizzes, and regular practice assignments (including Sight Reading Factory). Attendance at all performances (concerts, festivals, events, gigs) is mandatory

**SPARTAN VOX (4602) - VPA****Grades: 10, 11, 12****1 Credit****Prerequisites:** Admission is through annual audition or permission of the instructor.**1 Year Long**

Co-enrollment in Spartan Harmony is highly encouraged, but not required.

Spartan Vox is a performance-based course of study for mature and responsible advanced vocal music students. Members of Vox will rehearse and perform advanced choral, solo, and vocal chamber music from a variety of eras, styles, and genres. Students will reinforce, extend, and develop concepts of vocal tone production. They will also develop their ability to read sheet music at an intermediate/advanced level. Students will consistently demonstrate rehearsal skills conducive to higher-level music-making. All members of Vox will participate in Fall, Winter, Collage, Pre-Festival, and Spring Concerts, MSVMA Choral Festival and Solo & Ensemble Festival, Pep Assemblies, and Commencement. Participation in specialized performances (e.g. Musicals, Madrigal Dinner, Vocal Cabaret) is also a possibility. Members of Spartan Vox have the opportunity to audition for the MSVMA Regional, State, and All-State Honors Choir programs.

At the end of each year, all members will audition for placement in the appropriate ensemble(s) for the next school year.

**Assessments:** Grading is based on performances (attendance, quality, and decorum), demonstration of effective rehearsal skills, note checks and written quizzes, and regular practice assignments (including Sight Reading Factory). Attendance at all performances (concerts, festivals, events, gigs) is mandatory



# PHYSICAL EDUCATION

**PE I (4701)** **Grades: 9, 10, 11, 12** **1 Credit**  
**Prerequisites:** None **1 Year Long**

This course promotes physical fitness through participation in individual and team activities. Cardiovascular endurance will be stressed twice a week. Students will increase their awareness and understanding of sportsmanship and physical health. PE I includes exercises and activities, such as basketball, soccer, table tennis, kickball, volleyball, airforce football, badminton, floor hockey, tennis, golf, dodgeball, and many other physical activities including weight training. Periodically, students will receive information on the following health related topics: Alcohol, Tobacco and other Drugs, Conflict Resolution, and Personal Health.

*Assessments:* Students will be graded on a daily basis. They will be graded on attitude, cooperation, and participation. Dressing in gym attire daily is a requirement of this course. An increase in basic skills will be encouraged and reinforced, but will not weigh heavily in the determination of student grades.

**ATHLETIC ENHANCEMENT (4704)** **Grades: 10,11,12** **1 Credit**  
**Prerequisites:** Student-athletes must have already passed Physical Education I and are current Varsity level athletes in at least one sport or be a sophomore who aspires to be a Varsity athlete in the near future. Student-athletes in the ninth grade considered for Varsity athletics in the same year must have approval of the athletic department before admission into the class is made possible. **Required:** No **1 Year Long**

Athletic Enhancement class will be designed to assist Varsity athletes and their respective sport(s) programs. The class will utilize feedback given from district head coaches and bring together the athletes of each program in a competitive, challenging class setting. Student-athletes will practice skills and perform drills involved according to their in-season and off-season individual sport schedules. The teacher will allow the students the opportunity to improve in areas specific to their individual and team goal needs.

Students in Athletic Enhancement will be required to lift a minimum of two days per week in addition to their skill building work. The students will be required to record all weight room exercises and lifts. The students will be graded on their participation, effort, attitude, and the improvements they make in their own personal fitness levels. All student-athletes will be required to take strength, speed, agility, and cardiovascular tests throughout the course as well.

**LIFETIME FITNESS (4705)** **Grades: 10,11,12** **1 Credit**  
**Prerequisites:** Physical Education I **Required:** No **1 Year Long**

Lifetime Fitness is a class designed to provide students with a foundation of lifetime sports, weight training, proper nutrition, and fitness experiences such as: yoga, Pilates, Zumba and individually prompted workout programs. This class is to provide students with fitness experiences that will help them lead active and healthy lifestyles. Twice a week students will be engaged in activities that will include the fitness center such as weight training, cardio machines, yoga, Pilates or Zumba. Three times a week students will be involved in sports activities such as basketball, volleyball, softball, bowling, pickle ball, etc. Students will be provided an environment where they can choose to be competitive or non-competitive on game days.

## **PERSONAL MODIFICATION FOR THE MICHIGAN MERIT CURRICULUM PE/HEALTH REQUIREMENTS**

A parent may request a “personal modification” of the physical/health education requirement. In lieu of physical education, a student must earn credit in an additional core course of language arts, math, science or foreign language. A student may opt out of one semester of physical education and fulfill this requirement by participation in a school sanctioned activity. Guidelines for the option can be provided by the counseling center.

# SCIENCE

**SCIENCE 9 (4302)**

**Grade: 9**

**1 Credit**

**Prerequisites:** None

**1 Year Long**

This general science class is a requirement for all students. It is an overview of scientific method, physics, and chemistry. In the physics portion, the students will gain an understanding of the properties and types of waves, motion, forces, energy transfer and conservation, electricity, and magnetism. In the chemistry portion, the students will study atomic structure, create a 3-D model of an atom, learn trends on the Periodic Table, examine physical/chemical changes and the different types of bonding. The students will be involved in laboratory experiments and class discussions. Students will also sharpen their note taking skills, learn how to design experiments, and make inferences from data. Students will build bridges as part of a STEM project.

*Assessments:* Chapter quizzes, laboratory reports, notes, papers, projects, bellringers, semester exams, participation in classroom and group discussions will determine students' grades.

**BIOLOGY I (4306)**

**Grade: 10**

**1 Credit**

**Prerequisites:** Science 9 or placement test

**1 Year Long**

This introductory course in biology emphasizes the structural and functional aspects of biological organization. Students will be introduced to the fundamentals of the scientific method, the chemical basis of life, and cells (in terms of structure, function and methods of studying cell types and organelles). Other topics include: photosynthesis, cellular respiration, mitosis and meiosis, genetics, biotechnology, classification, evolution, natural selection and ecology. This course includes the opportunity for students to perform in a laboratory setting. Techniques to be learned include: use of the microscope, slide preparation, slide staining, and chromatography.

*Assessments:* Students will be assessed by a variety of means, including, but not limited to, tests, quizzes, labs, homework, and comprehensive semester exams.

**ANATOMY & PHYSIOLOGY/BIOLOGY II (4307) Grades: 11, 12**

**1 Credit**

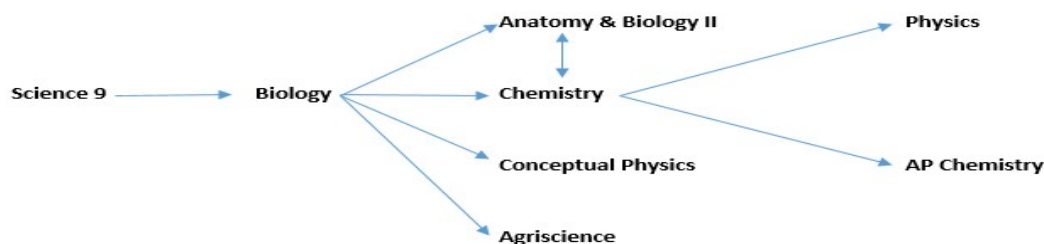
**Prerequisites:** Min. grade of B in Biology I

**1 Year Long**

Introductory course in human anatomy and physiology. This course includes the study of structure and function of cells, tissues, and the integumentary, skeletal, muscular, nervous, circulatory, respiratory, endocrine, and digestive system. Students will be introduced to common human disease processes. Laboratory component includes anatomical studies using microscopy and dissection and the study of physiological concepts via experimentation.

*Assessments:* Students will be assessed by a variety of means including tests, quizzes, labs, homework, group projects, research papers, and comprehensive semester and final exams.

## IMLAY CITY HIGH SCHOOL SCIENCE SEQUENCE



**CHEMISTRY I (4308)****Grade: 11****1 Credit****Prerequisites:** Geometry**1 Year Long**

Chemistry I is a first year course in chemistry that covers most topics in a first semester college chemistry course. The major areas taught in Chemistry I are: the classification of matter (physical and chemical properties, mixtures, compounds, etc.), units of measurement, structure of atoms, quantum mechanics, electron configurations, trends in the Periodic Table, chemical bonding, chemical naming, writing chemical equations, balancing equations, stoichiometry (including % yield and limiting reagents), kinetic-molecular theory and gas laws, Ideal Gas Law, diffusion, molarity and concentration, neutralization reactions, properties of acid and bases, pH and titrations, thermochemistry (including reaction rates), and oxidation-reduction reactions (balancing them, stating what are the oxidizing and reducing agents). Students are required to have a scientific calculator.

*Assessments:* Students' grades are based on their performance on tests, quizzes, labs, daily homework assignments, the semester exam, final exam, and research papers

**AP CHEMISTRY (4309)****Grade: 12****1 Credit****Prerequisites:** Min. grade of B in Chemistry I, Algebra II and Teacher Recommendation**1 Year Long**

Due to the pace and workload, which are typical of a college course, AP Chemistry students must be dedicated and hardworking. This course provides more detailed information of material presented in Chemistry I as well as many new topics. These topics include: units of measurements, the atomic theory, chemical nomenclature, stoichiometry, and types of chemical reactions. In addition to these, students can expect to learn about kinetic-molecular theory, gas laws, the ideal gas equation, thermochemistry and quantum mechanics. Period trends for atomic size ionization, energy, electronegativity, types of chemical bonds, bond polarity, and dipole moments will also be taught. Among other subjects, Lewis structures, resonance, VSEPR model, hybridization in chemical bonding, intermolecular bonding, and bonding in metals will also be presented. To further enhance student understanding, solution composition, colligative properties, boiling point elevation, freezing point depression, chemical kinetics, and chemical equilibrium will also be taught. A study of Le Chatelier's Principle, the pH scale, properties of acids and bases, solubility equilibria, buffers, titration, entropy and free energy as well as electrochemistry will be included in the course. Students are required to have a scientific calculator.

*Assessments:* Student success is gauged by performance on tests, quizzes, labs, daily homework assignments, the semester exam, final exam, and research papers.

**CONCEPTUAL PHYSICS (4311)****Grades: 11, 12****1 Credit****Prerequisites:** Biology, Geometry, enrolled in or has taken Algebra II (not designed for Pre-Calc. students)**1 Year Long**

Project based class focusing on the concepts and applications of physics, non-calculus based class. Topics covered include forces, motion, heat transfer, waves (sound and light), electricity and magnetism, and radioactivity. Projects include rubber band cars, rollercoaster, and other projects. Students will take notes, complete labs, projects and research papers. Students are required to have a scientific calculator.

*Assessments:* Includes projects, presentations, chapter tests, research project, semester exams, lab reports, and bell ringers.

**PHYSICS (4310)****Grades: 11, 12****1 Credit****Prerequisites:** Enrolled in or has taken Pre-Calc./Trig**1 Year Long**

This is a class designed for the college bound senior and moves at an accelerated pace. Students will take notes and complete labs, projects, and research papers. Topics covered include a review of math, including trigonometry and some calculus, motion in one and two dimensions, forces, vectors, momentum, machines, energy, waves, sound, light, reflection and refraction. Students are required to have a scientific calculator. Students will sharpen their problem solving skills in real life contexts. Physics will fulfill the math related course requirement if taken during 12<sup>th</sup> grade.

*Assessments:* Chapter tests, laboratory exercises, papers, projects, semester exams, notebook, bookwork (problems), and participation in class discussions are factors in determining students' grades.

AP Environmental Science is an interdisciplinary course that uses Earth, Life and Physical Sciences to study the environment and to learn how to solve environmental problems. This class will have a strong laboratory and field investigation component.

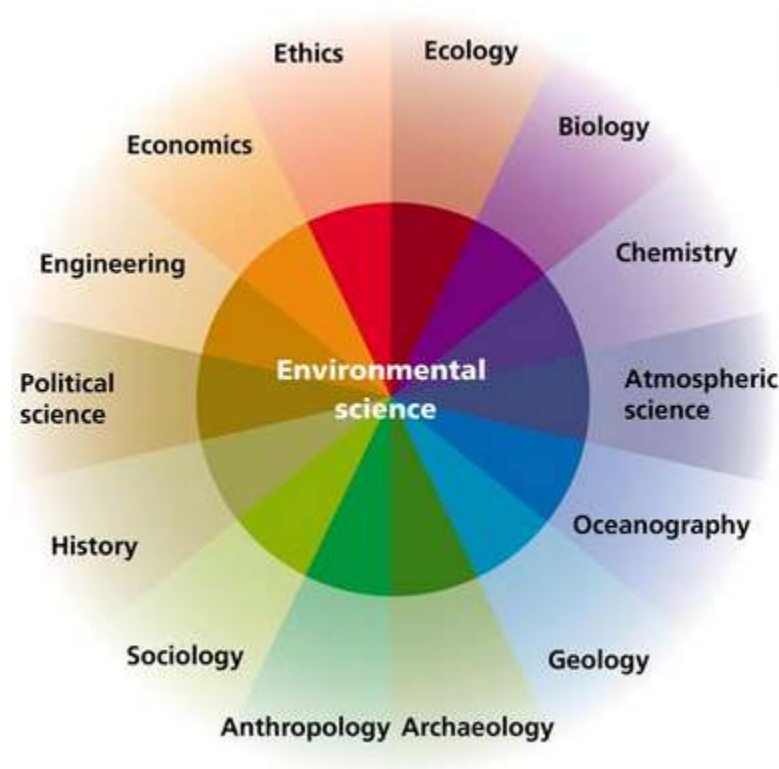
In AP Environmental Science students will learn about various Earth Science topics such as the following: volcanism and its role in acid rain, the composition and pollution of our atmosphere, solutions to air pollution, global water resources and usage, water scarcity issues, rock formation and composition, erosion and other soil problems and soil conservation.

In addition, students will learn various biological topics in the course, such as: ecosystem structure, biological communities and populations, interactions between species, loss of biodiversity, endangered and threatened species, energy flow in ecosystems, biological succession, biogeochemical cycles, types of agriculture, the Green Revolution, sustainable agriculture, GMOs, Deforestation, Pest Control, Forestry, Rangelands, Desertification, Human Population Growth, and Fisheries.

Students will also learn about the Global Economics of Energy Sources. In addition, the course teaches students about fossil fuels, the Industrial Revolution, nuclear energy, hydroelectric power, and alternative energy sources like solar, wind, geothermal, tidal, and more. AP Environmental Science also studies human solid waste management, landfills, waste water treatment, ozone depletion, and relevant environmental laws.

Possible field trips will be to: landfill, wastewater treatment plant, power plant, corn based ethanol plant, and more.

*Assessments:* Students will be assessed by their performance on the following: laboratory reports, research papers, homework assignments, projects, and tests and exams.



# SOCIAL STUDIES

## **WORLD HISTORY/GEOGRAPHY (4450)**

**Grade: 9**

**1 Credit**

**Prerequisites:** None

**1 Year Long**

This full year course takes students on a journey through world history in order to construct an understanding of where humankind has been and what accounts for present circumstances. Building upon foundations from middle school, the course begins with the world before Modern times and continues through the early modern world. Through a global and comparative approach, students examine worldwide events, processes, and interactions among the world's people, cultures, societies, and environment. In this course, students are encouraged to evaluate evidence, develop comparative and casual relations between events, interpret the historical record through charts, construct sound historical arguments, and recognize perspectives that provide valuable insights upon which informed decisions in contemporary life can be based.

*Assessments:* Along with the semester exam, classroom participation, notebooks, essays, projects, and tests are the factors that will measure student's success.

## **U.S. HISTORY/GEOGRAPHY (4402)**

**Grade: 10**

**1 Credit**

**Prerequisites:** None

**1 Year Long**

United States History (1890 – Present) The role that the past plays in shaping the present is important for students in the 21<sup>st</sup> century. In this course, American history will be integrated with geography to study America's past and present. Through the use of many hands-on activities, this class creatively investigates such topics as the industrialization of America, wars and conflicts, and the main events of the 20<sup>th</sup> century to the present day. While knowledge of specific names, places, dates and facts is essential for historical study, the learning environment of this course demands students to analyze, synthesize, evaluate, compare, contrast, and to frame important problems and questions. Students will be expected to locate and analyze evidence and data through maps, charts, and documents, as well as draw significant interpretations and conclusions. Students will also combine the necessary skills of reading and writing to interpret history through a lens that encourages students to participate as productive citizens in a democratic society.

*Assessments:* Successful completion of projects, tests, quizzes, personal interviews, historical writing, computer application, class presentations, book reports, simulations and home work will be the basis for earning credit.

## **AP U.S. HISTORY (4410)**

**Grades: 10, 11, 12**

**1 Credit**

**Prerequisites:** U.S. Hist/Geo-min. of B & teacher recommendation, 9<sup>th</sup> Gr. PSAT score for 10<sup>th</sup> Gr. **1 Year Long**

The Advanced Placement Program offers a course and exam in AP United States History to qualified students who wish to complete studies in secondary school equivalent to an introductory college course in U.S. History. The AP U.S. History Exam presumes at least one year of college-level preparation.

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

*Assessments:* Successful completion of quizzes, tests, simulations, projects, and written reports. Students are encouraged to take the AP U.S. History Exam, which could lead to college credit.



**CIVICS (4403)****Grades: 11, 12****1/2 Credit****Prerequisites:** None**1 Semester Long**

This one-semester course deepens students' knowledge of government, with a particular focus on national and state government in America. Through discussion, writings, and projects students practice making reasoned decisions about matters of public policy. Four questions guide students' study: What is citizenship, politics, and government?; What are the origins and foundations of the American political system?; How does the government established by the Constitution function to embody the purposes, values, and principles of American constitutional democracy?; and What are the roles of citizens in American society? Students engage in investigations, analysis, and arguments about civic life in the United States and its role in the world. In making reasoned and evidentiary-based interpretations, arguments, or decisions, students gain knowledge about important questions, locate and analyze appropriate evidence and data, consider differing points of view, and apply concepts and principles of American constitutional democracy. Finally, by participating in democratic deliberations around public policy issues students strengthen their understanding of the legal rights and accompanying responsibilities shared by all citizens.

*Assessments:* Successful completion and maintenance of notebooks, homework, bell-ringers, tests and quizzes, notes, projects, and cooperative learning activities will be the basis for earning credit.

**ECONOMICS (4404)****Grades: 11, 12****1/2 Credit****Prerequisites:** None**1 Semester Long**

This one-semester required course builds economic literacy in students. The overarching problem of scarcity, unlimited human wants, limited resources, and the government's role are the focal point of the course. Students deepen their prior knowledge of basic economic concepts and apply them to national and international economic systems and problems as a whole. In addition to their study of macroeconomics, students study the basics of microeconomics: how interactions of buyers and sellers impact prices and supplies, as well as the role of trade-offs and incentives in consumer and business decisions. Using a variety of media, they compile, and analyze statistical data pertinent to economic problems. Students use their economic knowledge to make informed decisions as consumers. This course is designed to develop students' as participants in a global economy while using projects to introduce them to real world economic issues like stocks, mutual funds, retirement accounts, and budgets.

*Assessments:* Successful completion and maintenance of notebooks, homework, bell-ringers, tests and quizzes, notes, projects, and cooperative learning activities will be the basis for earning credit.

**SOCIOLOGY (4405)****Grades: 11, 12****1 Credit****Prerequisites:** None**1 Year Long**

Sociology is a class that examines human relationships. In this class, students are encouraged to use empirical investigation and critical analysis to study human activity. This course provides a broad overview of sociology and how it applies to everyday life. Major theoretical perspectives and concepts are presented, including sociological imagination, culture, deviance, inequality, social change, and social structure. Students also explore the influence of social class and social institutions, such as churches, education, healthcare, government, economy, current events and environment. The family as a social structure is also examined. Students will be expected to read, write, and take part in class discussion activities that emphasize social behavior and the development of human society.

*Assessments:* Students will be evaluated with unit tests, individual, group projects, and semester exams.

**PSYCHOLOGY (4406)****Grades: 11, 12****1 Credit****Prerequisites:** None**1 Year Long**

Available to juniors or seniors, this one-year elective will offer students the opportunity to study the human brain, stages of human development, mental and emotional development. The course will focus on the history of the study of the human mind as well as the impact of environment and development on the creation of intelligence, personality, mental disorders and deviant behaviors. Therapy and treatment of mental illnesses will also be studied. Students who are looking to understand how the human mind works and would like to study the reasons for variations among people will enjoy this course.

*Assessments:* Students will be evaluated with unit tests, individual and group projects, semester and final exams.

# VOCATIONAL PROGRAMS

Lapeer County Education & Technology Center

*Certification and/or licensing are available to students who participate in some vocational programs for two years.*

The programs at the Lapeer County Education and Technology Center have a limited number of openings. Each high school in the county is given a quota for each program. The selection committee will consider the following criteria:

- Career Interest
- Attendance/Promptness
- Personal Responsibility
- Academic Needs
- Attitude

All students are encouraged to visit a program prior to enrolling. Vocational assessments are available to interested students.

## Ed-Tech Fulfillment of the Michigan Merit Curriculum Requirements

\*Students who complete two years in a program at the Lapeer County Career and Technical Center will fulfill the Michigan Merit Curriculum requirement which requires a student to take a math related class during their final year of high school.

\*Ed-Tech can be used to replace the second year foreign language as a VPA credit.

\*Agriscience can fulfill a science requirement.

**AGRISCIENCE – ANIMAL SCIENCE (VAS1/2) - VPA      **Grades:** 11, 12      **3 Credits**  
**AM – FIRST YEAR ONLY/PM – SECOND YEAR ONLY**      **1 Year Long****

Students will use the comprehensive “Livestock and Companion Animals” text and curriculum, and will spend their hands-on time in the animal center, caring for large animals, poultry and some companion animals. The students will study the animals’ body systems, basic production concepts, and second year students will begin a Vet Tech curriculum. The Agriscience – Animal Science program is applicable for all students interested in animal care, production farming, vet science, and biology/zoology. There is a lot of hands-on work, including heavy and dirty work, students with animal or hay/straw allergies should be aware that these aspects cannot be eliminated from the program. Students will be members in the National FFA Organization, offering leadership, relevant competition, and college scholarships.

*Required Costs:* Work boots

**AGRISCIENCE – HORTICULTURE (VAS2) - VPA      **Grades:** 11, 12      **3 Credits**  
**PM ONLY**      **1 Year Long****

Students will be offered Nursery-Landscaping and Floral-Greenhouse options in the PM session. Both options will include basic horticulture (plant science and propagation). Nursery-Landscape students learn plant specimen identification, care, installation and maintenance and design basics. Floral-Greenhouse students also learn plant specimen identification, care, greenhouse maintenance, floral design, retail basics, production growing and sales. All Plant Science students will participate in seasonal production work. All Agriscience-Horticulture students will be members of the National FFA Organization, which creates opportunities for leadership, relevant competition, and college scholarships. Several colleges offer credit articulation in horticultural areas, contact department with specific questions.

*Required Costs:* Work boots

**AUTO BODY-COLLISION REPAIR (VAB1/2) - VPA      **Grades:** 11, 12      **3 Credits**  
**1 Year Long****

Students will learn the fundamentals of collision repair, including refinishing, replacing, and repairing damaged auto body panels. Instruction is based on current technology and involves an extensive amount of hands-on experience to become a *licensed* technician. New and improved shop with new state of the art equipment including new down draft baking spray booth, student will also perform one car welding requirement. Students are required to wear work boots and coveralls for this program.

*Required Costs:* Work boots



**AUTOMOTIVE MECHANICS (VAM1/2) - VPA****Grades: 11, 12****3 Credits  
1 Year Long**

This program presents the student with the design, operation and repair of automotive systems. Engines, Electrical, Transmissions, Fuel Injection and Computers, Brakes and Suspension/Steering systems are covered. Hands-on learning experiences as well as a substantial amount of academic classroom instruction is used. Successful students can become certified as a State of Michigan auto technician. The program utilizes state of the art equipment, computerized diagnostic testers and an extensive library of CD based learning modules.

*Required Costs:* Work boots

**CAREERS IN EDUCATION (VCE1/2) - VPA****Grades: 11, 12****3 Credits  
1 Year Long**

This two year curriculum allows students to take the first steps towards a variety of careers in the education world. Students will explore the theories of human development and the various stages of children from birth through their teen years. In this class students will learn about the various employment opportunities, licensing requirements, expectations, applicable law and more. Students will research about all types of learners and the impact on the way they are taught. Students will also learn how to design an instructional plan, choose teaching strategies and create an effective learning environment.

*Required Costs:* Preschool Uniform - \$10

**COMPUTER AIDED DESIGN (CAD) (VCD1/2) - VPA****Grades: 11, 12****3 Credits  
1 Year Long**

Computer Aided Drafting or Design is a technical, hands-on, visual program for students who like drawing, creating or designing. On the computer, students will draw both 2D and 3D objects while learning fascinating, futuristic software. Students will create still, as well as animated, solid and wireframe models. The course features such 3D modeling programs as Inventor, AutoCad 2005, 3D Studio (VIZ and MAX), and Architectural Desktop. Students participating in the CAD program will begin preparation for a well-paying/high demand career in industrial or commercial design, animation, interior design, architecture or engineering.

**CONSTRUCTION TRADES (VBT1/2) - VPA****Grades: 11, 12****3 Credits  
1 Year Long**

This program trains students to become successful entry-level employees. Students learn how to safely handle hand and power tools for jobs in masonry, electrical, plumbing, carpentry and home interior or exterior finishing. Students develop design, construction, measuring and math skills leading to a high-skill, high-wage career in the construction industry. The content of this program meets requirement for the state builders course.

*Required Costs:* Work boots

**COSMETOLOGY (VCO1/2) - VPA****Grades: 11, 12****PM Only****3 Credits  
1 Year Long**

Students will train to become licensed in cosmetology or nail technology. Cosmetology is a two-year program which requires 1,500 hours of training in order to take the State Boards. The nail technology component can be completed in one semester. Cosmetology is offered at an off-campus location and will include applied chemistry, anatomy, patron protection, personal hygiene, and salon management. Students are required to purchase their own supply kit upon enrollment.

*Required Costs:* Supply kit which is estimated to cost \$500, along with purchasing a uniform and shoes. Students will need to provide their own transportation to the training site.

**CULINARY ARTS (VCA1/2) - VPA****Grades: 11, 12****3 Credits****1 Year Long**

Students are given a broad overview of the hospitality industry, the fastest growing industry in the nation. Extensive hands-on learning in commercial food preparation, safety and sanitation, knife skills, baking and pastry, catering, and management will be provided. Under close supervision, students develop employability skills, a sound work ethic and an excellent experience needed to make them successful in the hospitality industry. This is a two-year program.

*Required Costs:* USB flash drive - \$10 and closed-toe shoes

**DIESEL TECHNOLOGY (VDT1/2) - VPA****Grades: 11, 12****3 Credits****1 Year Long**

Students will prepare for high skill, high wage positions in diagnosis, service, repair and maintenance of gasoline and diesel engines, tractors, heavy equipment and hydraulic systems through hands-on experiences and safety training. Successful completion of the program will assist the student in becoming a licensed technician.

*Required Costs:* Closed toe shoes

**DIGITAL MEDIA ARTS (VDM1/2) - VPA****Grades: 11, 12****3 Credits****1 Year Long**

The Digital Media Arts course offers students a chance to examine different types of media and work in units of study involving design imaging, publication production, 2D and 3D animation, basic web programming, web hosting, website development and project management.

Careers students will prepare for include, but are not limited to: Web Graphic Artist, 2D/3D Artist, Animator, Desktop Publishing Specialist, Web Page Designer, Webmaster, and e-Commerce Marketing Manager.

*Required Costs:* CTSO Membership Fee

**HEALTH OCCUPATIONS (VHO1/2) - VPA****Grades: 11, 12****3 Credits****Prerequisite:** Working knowledge of the metric system**1 Year Long**

This course will offer career exploration and training for entry-level positions in the health/wellness industry (nursing, physical therapy, occupational therapy, laboratory, pharmacy, dietary, x-ray, veterinary and medical offices). Second year students receive classroom, laboratory and supervised, hands-on clinical experiences which meet the requirements for nurse aide certification (CNA). Students may participate in HOSA, a student organization designed to provide leadership opportunities in the health field. Required equipment includes uniforms and white shoes. **(Students are required to have TB test, HBV series, MMR, and Chicken Pox vaccinations prior to the start of school.)**

*Required Costs:* (1<sup>st</sup> year only) Uniform and shoes – approximately \$40

**HEALTH SCIENCE PROFESSIONS (VHS1/2) – VPA****Grades: 11, 12****3 Credits****Prerequisite:** First Year Health Occupations**1 Year Long**

First year students will focus on a wide variety of medical careers. They will explore all five pathways of the Health Science cluster while paying close attention to Diagnostic and Therapeutic Services. Second year students will be provided with an in depth study of a specific medical field. An individualized educational plan will be developed for each student along with internship placement. Internships are long term, and some are paid experiences. **(Students are required to have a negative TB test.)**

**ITnet (VCN1/2) – VPA****Grades: 11, 12****3 Credits****1 Year Long**

Introduction to the IT industry, personal computers, hardware, operating systems, fundamental networking concepts and technologies using the Cisco Networking Academy curriculum.

**MARKETING & ENTREPRENEURSHIP (VME1/2) – VPA Grades: 11, 12****3 Credits  
1 Year Long**

Students in this program will learn how to “move” a product from manufacturer to the final consumer, entrepreneurial skills, sales, market research, economics, sports marketing and others. Students will also be learning how to work in the Bodega Gift and Snack Shop. They will learn how to run the store and many other jobs. Within the classroom, students will learn communication skills by working as a team and being a part of Virtual Enterprises International. Within Virtual Enterprises International students will compete against other students both locally and nationwide in exercises developed to challenge their newfound skills.

*Required Costs:* CTSO Membership

**PUBLIC SAFETY/PROT. SERVICES (VPS1/2) – VPA Grades: 11, 12****3 Credits  
1 Year Long**

Experience what it takes to be successful in the World of Public Safety/Protective Services. A wide variety of career options will be discussed and “investigated,” including but not limited to police officers, parole officers, and the department of corrections, security guards, dispatchers, fire fighters and paramedics. Also, students will be introduced to disciplines such as social worker, psychologist, FIA caseworker, and other human resource areas that work within the Public Safety/Protective Services career pathways. Students will discover the realities of these professions and the skills necessary to succeed in these exciting careers.

First year students in the Public Safety/Protective Services program will be required to rotate between the criminal justice overview curriculum, police officer, parole officer, department of corrections, security guards, dispatcher, fire fighter, and paramedics. Second year students can be selective and choose a specific occupational goal and develop a year-long core concentration. NOTE: A background check may be necessary to participate in some of the scheduled activities.

*Required Costs:* Uniform shirt

**RECREATIONAL VEHICLE REPAIR (RVR) (VRV1/2) - VPA Grades: 11, 12****3 Credits  
1 Year Long**

Students will service, repair, and maintain two and four-cycle gasoline engines and controls of motorcycles, snowmobiles, outboard motors, chain saws, ATV's, lawn equipment and personal watercraft. In a service school and retail setting, training is provided to prepare students to become licensed in a high wage, high skill position as an RVR salesperson, mechanic, and technician engineer or shop owner.

*Required Costs:* Work Boots

**RES. ELECTRIAL, PLUMBING & HVAC (VMC1/2) - VPA Grades: 11, 12****3 Credits  
1 Year Long**

Students will be given a basic overview of carpentry, plumbing, heating, electrical wiring, air conditioning and sheet metal and have sufficient time for specialization in one or more of these trade areas, while preparing for entry into the trade or college. Many of these trades offer opportunities for apprenticeship programs.

*Required Costs:* Work boots

**ROBOTICS & MECHATRONICS (VMX1/2) – VPA Grades: 11, 12****3 Credits  
1 Year Long**

The Mechatronics program is a field of study that focuses on the integration of mechanical, electrical (electronics), fluid power (hydraulics or pneumatics), and computer technologies to control machine movements. The new term for this is “Mechatronics” which includes studies in: mechanics, sensors, basic electronics, pneumatics, control logic, and robot programming and control. The student goes on to learn how to program a specific Programmable Logic Controller (PLC), and then moves on to write and troubleshoot programs to control machines.

**WELDING & MACHINING TECH. (VMT1/2) – VPA****Grades: 11, 12****3 Credits****1 Year Long**

Metal Technology introduces students to the hands-on, real-life aspect of manufacturing and materials, tools, equipment, processes and safety necessary for use in this industry. The student will be introduced to machine tool operation, CNC with Master Cam, and a variety of welding techniques. Advanced students may use their acquired proficiency to work on outside projects as they come in or to design, problem solve, and execute their own projects.

*Required Costs:* Work boots

**PRE-ENGINEERING PROGRAM (VPE1)****Grade: 12 ONLY****2 Credits****1 Year Long****Prerequisites:** Physics and Calculus (may be concurrent) & High School 3.0 GPA

The Pre-Engineering Program is designed to prepare capable and interested high school students for a future engineering career. A collaborative program has been designed by the University of Michigan – Flint and the Lapeer County Intermediate School District. This program is managed by the Computer Science, Engineering Science and Physics Department of UM-Flint. A series of four university courses (13 credits) over two semesters will be taught at the Lapeer Ed-Tech Center by University of Michigan – Flint faculty. Students may be required to provide their own transportation to and from the Center.

Students will be enrolled as a two hour block and will receive a pass/fail grade. The University of Michigan – Flint will maintain an official transcript with the student’s grades and credits earned.

**MEDICAL CAREERS ACCELERATED PROGRAM (MCAP)(VMP1)****Grade: 12 ONLY****2 Credits****1 Year Long****Prerequisites:** Pre-Calculus, Anatomy, Chemistry or Physics & High School 3.0 GPA

The MCAP Program is designed to provide a post-secondary foundation in advanced medical professions. This is a collaborative program with students taking courses through the University of Michigan – Flint. A series of four university courses will be taught over the course of two semesters at the Lapeer Ed-Tech Center by University of Michigan – Flint faculty. Students may be required to provide their own transportation to and from the center.

Students will be enrolled as a two hour block and will receive a pass/fail grade. The University of Michigan – Flint will maintain an official transcript with the student’s grades and credits earned.

**STEMM ACADEMY TRADITIONAL – (4900/4901)****Grades: 11, 12, 13**

The STEMM Academy is a five-year high school program that allows you to earn your high school diploma along with substantial college credit. Students who enroll in the STEMM Academy will be part of a cohort that continues for a fifth year of high school, completing classes from Baker College of Flint. By following a specific program of instruction, students will have earned one of the following upon completion of their fifth year: an Associate Degree, The Michigan Early/Middle College Association (MEMCA), Technical Certification, or transferrable college credits toward a Bachelor Degree.

**STEMM ACADEMY CTE BLEND – (4902)****Grades: 11, 12, 13**

The STEMM Academy CTE Blend is a partnership with Baker College offered to students enrolled in a class at the Lapeer County Education and Technology Center. Students in the STEMM Academy CTE Blend program will take a course at Ed-Tech and one course per term with Baker College. They will earn Baker College credits in each of the 11<sup>th</sup> and 12<sup>th</sup> grades. After completing the 12<sup>th</sup> grade, students in this program will continue taking courses at Baker College at no cost to the student. Students must demonstrate the ability to be successful in a college program to be admitted. Students interested in participating in this program should contact their counselor for additional information.

**COOPERATIVE EDUCATION****Grade: 12**

Co-op is a paid work experience program where students build and expand on classroom skills by working in the occupation at a local business. Students spend up to four days per week at their work site and return to class a minimum of one day each week. Employer’s evaluations of student progress and performance contribute to the student’s grade in the program. The duration of a student’s co-op experience will typically extend throughout an entire semester or school year. Like work experience, co-op is only open to second year students who have successfully completed the first year of their program.

# SPECIAL PROGRAM COURSES

## **ENGLISH I (4191)**

**Grades: 9, 10, 11**

**1 Credit**

**Prerequisite:** Special Education Certification

**1 Year Long**

In this two semester course, students will be introduced to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Ninth graders will connect with and respond to texts by analyzing relationships across families, communities, societies, governments, and economies. Through the lens of inter-relationships and self-reliance, they will consider how they build relationships, how their relationships impact others, and their responsibility to society. Units of study may include, but are not limited to: Introduction to High School Reading (Short Stories and Non Fiction), Introduction to High School Writing (The Six Traits of Good Writing), Contemporary Realistic Fiction (To Kill A Mockingbird), Epic Poetry (The Odyssey), and Shakespearean Tragedy/Drama (Romeo and Juliet). This course will help students improve their written expression, reading comprehension and vocabulary.

*Assessments:* Student success is based on class work, homework, tests/quizzes, and writing projects.

## **ENGLISH II (4192)**

**Grades: 9, 10, 11**

**1 Credit**

**Prerequisite:** Special Education Certification

**1 Year Long**

In this two semester course, students will continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, tests, and tasks. Tenth graders will connect with and respond to texts through critical response and stance. They will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action and appropriate use of power. Units of study may include but are not limited to: The Crucible, A Raisin in the Sun, The Adventures of Huckleberry Finn, and Of Mice and Men. This course will help students to improve their written expression, reading comprehension and vocabulary.

*Assessments:* Student success is based on class work, homework, tests/quizzes, and writing projects.

## **ENGLISH III (4193)**

**Grades: 9, 10, 11**

**1 Credit**

**Prerequisite:** Special Education Certification

**1 Year Long**

In this two semester course, students will continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, tests, and tasks. Eleventh graders will continue to add to their list of various genre of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school with a special emphasis on British and World Literature texts and ACT success. Eleventh graders will connect with and respond to texts through transformational thinking. They will learn to use forward thinking to help them make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for their future. Units of study may include but are not limited to: The Six Traits of Good Writing, Lord of the Flies, Othello, and Frankenstein. This course will help students to improve their written expression, reading comprehension and vocabulary comprehension.

*Assessments:* Student success is based on classwork, homework, tests/quizzes, and writing projects.

## **ENGLISH IV (4194)**

**Grades: 9, 10, 11**

**1 Credit**

**Prerequisite:** Special Education Certification

**1 Year Long**

In this two semester course, students will refine, apply and extend the knowledge skills and strategies developed in English 9 – 11 as students engage in more complex ideas, tests, and tasks. Using the lens of leadership skills, English 12 students will develop a world perspective by analyzing classic and contemporary texts in a variety of genre, including post-colonial literature. Twelfth graders will synthesize information, ideas, and themes to understand the past, the present, and to think innovatively about the future. They will identify and apply their own leadership skills and prepare for responsible action as American citizens in the context of a global world. Units of study may include but are not limited to: Night, Their Eyes Were Watching God, Hamlet, and The Hunger Games. This course will help students to improve their written expression, reading comprehension, ability to think analytically, and vocabulary comprehension.

*Assessments:* Student success is based on class work, homework, tests/quizzes, and writing projects.

**ALGEBRA CONCEPTS (4291)** **Grades: 9, 10, 11, 12** **1 Credit**  
**Prerequisite:** Special Education Certification **1 Year Long**

In Algebra Concepts students will learn about equations, graphs, coordinates and functions. Students will apply problem solving skills to real life situations involving equations, ratios, probability, direct variations, and linear equations. Throughout this course students will apply basic math skills such as addition, subtraction, multiplication and division.

*Assessment:* Student success is based on daily assignments, quizzes, projects, tests, and a semester and final exam.

**GEOMETRY CONCEPTS (4292)** **Grades: 9, 10, 11, 12** **1 Credit**  
**Prerequisite:** Special Education Certification **1 Year Long**

In Geometry Concepts students will learn about the tools of geometry, reasoning and proofs, lines, and planes. Students will apply problem solving skills which deal with congruencies and relationships of triangles, quadrilaterals, circles, area, volume, and transformations. Throughout this course students will apply basic logic and problem solving skills along with basic math skills such as addition, subtraction, multiplication and division.

*Assessment:* Student success is based on daily assignments, quizzes, projects, tests and a semester and final exam.

**ALGEBRA II CONCEPTS (4293)** **Grades: 9, 10, 11, 12** **1 Credit**  
**Prerequisite:** Special Education Certification **1 Year Long**

In Algebra II Concepts students will gain a deeper understanding of linear and quadratic equations, solving systems of equations, radical expressions, and probability. Students will apply basic math skills and real world problem solving.

*Assessments:* Student success is based on daily assignments, quizzes, projects, tests and a semester and final exam.

**CONCEPTS OF PERSONAL FINANCE (4294)** **Grades: 9, 10, 11, 12** **1 Credit**  
**Prerequisite:** Special Education Certification **1 Year Long**

In Concepts of Personal Finance students will cover the fundamental skills and mathematical concepts involved in managing personal finances for today and the future. Students will investigate budgeting, using checking and savings accounts, credit, calculating wages and taxes, and making informed money management and purchasing decisions. Students will apply real world problem solving skills and basic mathematic functions.

*Assessments:* Student success is based on daily assignments, quizzes, projects, tests and a semester and final exam.

**LEARNING STRATEGIES (4491)** **Grades: 9, 10, 11, 12** **1 Credit**  
**Prerequisite:** Special Education Certification **1 Year Long**

In this course students will work to improve their reading, writing, and mathematical skills through daily learning strategies activities. Students will also learn about organization, time management, note taking and test taking strategies. A portion of the class each year will be spent working on transition skills, such as employment preparation, applications, resumes, cover letters, and career interest exploration. Students will be given independent work time to finish homework or to get help in a particular subject.

*Assessments:* Student success is based on being on task, use of planner, having proper materials, daily learning strategies activities, journals, and a final reflection.

**TRANSITIONAL LIVING CONCEPTS (4990)** **Grades: 11 & 12 ONLY** **1 Credit**  
**Prerequisite:** None **1 Year Long**

Transitional Living Concepts prepares students to function in multiple roles of day-to-day living and working throughout their life. Through class discussion, practical activities and community based field trips the students will develop the thought process and skills needed to become contributing members of society. This course deals with developing and practicing basic human needs such as: self-awareness, coping skills, nutrition and food preparation, and responsible health decisions. In this class, students will research and prepare for future careers by completing job applications, preparing resumes and cover letters and partaking in mock job interviews. They will also learn financial-responsibility by establishing and maintaining a realistic monthly budget. Instruction in personal living not only helps learners with their present developmental tasks, but also will be overall preparation for life after high school.

*Assessments:* Classroom participation, notebooks, essays, projects, and tests are the factors that will measure student's success.

**WORLD HISTORY/GEOGRAPHY CONCEPTS (4495) Grade: 9 1 Credit**  
**Prerequisites:** Special Education Certification **1 Year Long**

This full year course takes students on a journey through the essentials of world history in order to construct an understanding of where humankind has been and what accounts for present circumstances. Students will learn the meaning of cause and effect in the study of world history. Building upon foundations from middle school, the course begins with the world before Modern times and continues through the early modern world. Through a global and comparative approach, students examine worldwide events, processes, and interactions among the world's people, cultures, societies, and environment. In this course, students are encouraged to evaluate evidence, develop comparative and casual relations between events, interpret the historical record through charts, construct sound historical arguments, and recognize perspectives that provide valuable insights upon which informed decisions in contemporary life can be based.

*Assessments:* Along with the semester exam, classroom participation, notebooks, essays, projects, and tests are the factors that will measure student's success.

**U.S. HISTORY/GEOGRAPHY CONCEPTS (4496) Grade: 10 1 Credit**  
**Prerequisites:** Special Education Certification **1 Year Long**

United States History (1890 – Present) This class covers the essentials of U.S. History from 1890 to the Present. Students will learn the meaning of cause and effect in the study of U.S. History. The role that the past plays in shaping the present is important for students in the 21<sup>st</sup> century. In this course, American history will be integrated with geography to study America's past and present. Through the use of many hands-on activities, this class creatively investigates such topics as the industrialization of America, wars and conflicts, and the main events of the 20<sup>th</sup> century to the present day. While knowledge of specific names, places, dates and facts is essential for historical study, the learning environment of this course demands students to analyze, synthesize, evaluate, compare, contrast, and to frame important problems and questions. Students will be expected to locate and analyze evidence and data through maps, charts, and documents, as well as draw significant interpretations and conclusions. Students will also combine the necessary skills of reading and writing to interpret history through a lens that encourages students to participate as productive citizens in a democratic society.

*Assessments:* Successful completion of notebooks, portfolio notes and projects, tests, quizzes, historical writing, computer application, class presentations, simulations and home work will be the basis for earning credit.

**SENIOR CIVICS CONCEPTS (4493) Grade: 12 1 Credit**  
**Prerequisite:** Special Education Certification **1 Year Long**

This course covers the development of American government. The Constitution and all the branches of government are studied. Comparisons are made between different types of government. In addition, this course includes citizenship and the rights and responsibilities of American citizens.

*Assessments:* Student success is based on class work, homework, tests/quizzes, participation, projects, simulations, and case studies.

**SENIOR ECONOMICS CONCEPTS (4494) Grade: 12 1 Credit**  
**Prerequisite:** Special Education Certification **1 Year Long**

This is a second semester course, which covers the American economy, free enterprise, banking, investment, and trade. The course ends with the study of capitalism, communism, socialism, and the role of the government. Each student will be required to complete a personal budget project.

*Assessments:* Student success is based on class work, homework, tests/quizzes, participation, projects, simulations and case studies.

**WORKPLACE EXPERIENCE (72153) Grade: 12 Credit**

Workplace Experience is a combination of school-based preparation and actual work experiences designed to enable students to acquire attitudes, skills, and knowledge for career and other life roles in real work settings. Workplace Experience is only available to seniors. It is required that the learning experience be directly related to the student's EDP. If a student is interested in Workplace Experience, they must first discuss the possibility on enrolling in this program with his or her counselor and the final plan must be approved by the building principal.

Independent studies provide a way for well-motivated students to pursue a topic of interest that does not necessarily fit into a traditional academic curriculum. They are a way for students to learn specialized material or gain research experience. Students must first be approved for independent study by their high school principal and counselor. The student will then be assigned to a certified teacher in the subject area of the independent study who will help plan out and oversee the experience.



# ONLINE COURSES

**ONLINE COURSES (9000)**

**Grades: 9, 10, 11,12**

**½ Credit  
One Semester Long**

These courses are offered through a variety of vendors with Edgenuity being the preferred vendor. Under current state legislation, a student may enroll in up to two online classes per semester. Students will meet in the computer lab for one class period daily per course to work on the class. Additional time outside of the school day will be necessary to complete the course. Therefore, access to high speed internet after school hours is highly recommended. All instruction and communication for this course is via the internet with an off-site instructor. The online instructor for the course will assign a semester percentage which will be given a letter grade corresponding to the ICHS grading scale. More information about the courses can be found in the course catalog found at <https://www.imaginelearning.com/wp-content/uploads/2022/10/EDG-Course-list-Michigan.pdf>.

The course should be in line with the ICHS graduation requirements and the student's individual Educational Development Plan.

A student's readiness for online learning would be indicated by the following:

- The student has strong computer skills.
- The student does not need reminders to complete their work. They have good independent study habits.
- The student has good internet access both at home and at school.
- The student has demonstrated good time management skills.
- The student has an interest in the content area of the course.
- The student is reading at or above grade level.
- The student possesses the prerequisite knowledge for the course.

All interested students must fill out an application which is available in the counseling center.

# DUAL ENROLLMENT

## **DUAL ENROLLMENT/CAREER TECH PREP ENROLLMENT (4081)**

**Purpose:** This option allows students in grades 9-12 to take classes in high school and one or more college level classes at a college campus or online. These are generally courses not offered by Imlay City High School.

Dual Enrollment is designed for students who want to accelerate and advance beyond the current Imlay City High School courses in the core areas (i.e. math, English, social studies and science). However, students who have an EDP and/or career pathway related to an elective or vocational course may be considered to dual enroll in this area.

**Eligibility:** Due to the fact that these classes are college level courses, there are guidelines that are used to determine a student's readiness to take college courses. The eligibility criteria may include standardized test scores, grade point average and credit standing. As previously stated, a student's career interest as indicated on their EDP may also be taken into consideration.

Students who are interested must meet with their parent and counselor to discuss this option.

**Credit:** Students may receive high school credit, college credit, or both for their work.

Interested students should see their counselor.

## **PERSONAL CURRICULUM**

The parent/guardian of a student may request a personal curriculum for a student that modifies certain requirements of the Michigan Merit Curriculum Graduation Requirements. A student completing all of the requirements of a personal curriculum will be awarded a high school diploma. For more information about the requirements of a personal curriculum, parents should contact their student's high school counselor.

## **TESTING OUT OF A COURSE**

Credit may be given to a student who has not enrolled in a course and who has exhibited a reasonable level of mastery of the subject matter of the course by attaining a grade of not less than a C+ on a comprehensive final exam or project. Credit will be assigned on a credit/no credit basis and will not be included in the calculation of a student grade point average. Credit will be accepted as fulfillment of graduation requirements. Once credit is earned by testing out, a student may not receive credit for a lower course in the sequence. Students wishing to test out must apply by filling out the proper form obtained in the office and seeking the principal's approval. This must be done by the end of the third marking period for the following school year. Arrangements will be made for the student to take a summative and comprehensive assessment covering the entire course (both semesters). This exam will take place in June.

# NCAA ACADEMIC REQUIREMENTS FOR COLLEGE ATHLETES

Students that wish to play college athletics at Division I or Division II must fulfill eligibility requirements with the NCAA. A student athlete must graduate from high school, have a qualifying grade point average in their core courses and have a qualifying ACT or SAT score. Additional information can be found at the NCAA Clearinghouse website [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

## **Division I Core Course Requirements with a minimum GPA of 2.00**

*16 core courses*

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science
- 1 year of additional English, mathematics or natural/physical science
- 2 years of social science
- 4 years of additional core courses (from any area above or foreign language)

## **Imlay City High School Core Courses**

### **English**

English 9  
English 10  
English 11  
English 12  
AP Lit. & Comp.

### **Mathematics**

Algebra I  
Algebra II  
Geometry  
Pre-Calculus/Trig  
AP Calculus

### **Social Science**

Civics  
Economics  
World History/Geography  
U.S. History/Geography  
Psychology  
Sociology  
AP U.S. History

### **Natural/Physical Science**

Science 9  
Biology I  
Biology II  
Chemistry I  
AP Chemistry  
Conceptual Physics  
Physics  
AP Environ. Science

### **Additional Core Courses**

French I  
French II  
French III  
French IV  
Spanish I  
Spanish II  
Spanish III  
Spanish IV

**\*1 core course =  
1 full credit at I.C.H.S.**

**ETS SCHOOL CODE  
232 - 070**

**Principal**  
Josh Henley  
**Assistant Principal**  
Elizabeth Gallagher  
**Athletic Director**  
Don Gauthier

# IMLAY CITY HIGH SCHOOL

## GRADUATION REQUIREMENTS



- ❖ 4 credits of English
- ❖ 2 credits of the same foreign language
- ❖ 4 credits of Math – including Algebra, Geometry, Algebra II and a Senior math-related class
- ❖ 3 credits of Science – including Biology and Chemistry, Physics, Anatomy or Agriscience and a third credit of Science
- ❖ 1 credit of World History/Geography
- ❖ 1 credit of United States History/Geography
- ❖ ½ credit Civics
- ❖ ½ credit of Economics
- ❖ 1 credit of Physical Education/Health
- ❖ 1 credit of Visual/Performing/Applied Arts – courses which fulfill this requirement are noted with VPA

**A minimum of 22 ½ credits is required to graduate.**