

ENGLISH LANGUAGE ARTS

English 9

REQUIRED English 9 is a required course designed to prepare students to be college and career ready by teaching writing, reading, speaking, listening, and language according to the Common Core State Standards. The course focuses on a variety of thematic units that incorporate reading multiple genres of literature and informational texts, introducing students to works that span cultures and centuries. Students will build their knowledge of language by reading increasingly complex texts. Students will be expected to use the writing process to write for multiple audiences and purposes.

English 10

REQUIRED English 10 is a required course designed to prepare students to be college and career ready by teaching writing, reading, speaking, listening, and language according to the Common Core State Standards. The course is an in-depth study of American Literature, including classic and contemporary novels, poetry, drama, essays, and important U.S. documents. Students will be expected to use the writing process to write for multiple audiences and purposes, with an emphasis on literary analysis.

English 11

REQUIRED English 11 is a required course designed to prepare students to be college and career ready by teaching writing, reading, speaking, listening, and language according to the Common Core State Standards. The course focuses on the reading, interpretation, and analysis of British Literature, including dramas, novels, poetry, and informational texts, with the goal of gaining a deeper understanding of the English language and world in which we live. Students will be expected to use the writing process to write for multiple audiences and purposes.

English 12

REQUIRED English 12 is a required course designed to prepare students to be college and career ready by teaching writing, reading, speaking, listening, and language according to the Common Core State Standards. Active reading strategies and critical thinking will be used to interpret and analyze classic and contemporary literature and informational texts, which are organized in a variety of thematic units. Students will be expected to use the writing process to write for multiple audiences and purposes. Students will demonstrate proficient use of technology and online tools.

Drama and Film

(one semester) The goal of this course is intelligent critical analysis of plays and screenplays with the application of literary terms and artistic standards. With films derived from novels, biographies, or other print form, students will compare and contrast the audiovisual and textual versions. A literary research paper is required to pass this course.

Contemporary Poetry

(one semester) A look at poetry beyond the textbook. Primarily by theme, students will read, enjoy, and interpret (primarily) Modern Poetry and learn about the writers. Students will read aloud, together with the teacher, and discuss. Students will learn how to write about poetry. Assessments will be short literary writings and, perhaps, presentations.

Advanced Placement (AP) English Literature and Composition Grade 11 or 12 — *Prerequisite: English 11 - Subject to department approval.*

AP English Literature engages students in the careful reading and critical analysis of literature. The course includes intensive study of representative novels, short stories, and poems from various genres and periods, concentrating on works of recognized literary merit. Students will learn how to read literature closely through the use of the following methods: experiencing literature, interpreting literature, and evaluating literature. Writing is an integral part of the course. The course focuses on writing essays about prose and poetry in several forms (e.g.

analytical, expository, and argumentative essays). Students are expected to take the AP English Literature and Composition exam for possible college credit. Summer reading is required.

Advanced Placement (AP) English Language and Composition Grade 11 or 12 —

Prerequisite: English 11 -- Subject to department approval.

AP English Language engages students in the careful reading and critical analysis of prose written in a variety of rhetorical contexts and for various purposes. The course includes intensive study of representative works, concentrating on texts that will encourage the students' critical thinking and civic engagement. Students should be familiar with reading nonfiction texts in order to understand the author's intent. Writing is an integral part of the course. The course teaches the students to write in several forms (e.g. narrative, expository, argumentative essays) about a variety of topics (e.g. public policy, popular culture, current events, and personal experiences). Students taking this course should possess fundamental skills in research, analysis, and argument. Students are expected to take the AP English Literature and Composition exam for possible college credit. Summer reading is required.

SCIENCE

Physical Science

Grade 9 – *REQUIRED FOR GRADUATION*

Physical Science is an extension of physics and chemistry principles introduced in elementary and middle school. This course is intended to provide a strong foundation for courses in biology, chemistry and physics by providing a better understanding of our physical world. Topics covered include science procedures, experimentation, motion, forces, energy, heat, work, machines, electricity, phases of matter and chemical reactions. Each marking period, students are required to demonstrate the practical application of various science concepts in the assigned Quarter Project.

General Biology

Grade 10 – *REQUIRED FOR GRADUATION*

The General Biology course is aligned with the state curriculum, and is designed to provide the student with a well-rounded analysis of science relating to life. Students will experience Biology through various methods including lectures, inquiry based laboratory investigations, unit projects, hands-on activities, and an independent research project. Students will explore diverse concepts, among which are The Scientific Method, The Chemistry of Living Organisms, Living Cells and how they function, Genetics, Evolution, Ecology, and Biodiversity. This course is also intended to develop a student's observational skills, study habits, and critical thinking abilities.

General Chemistry

Grades 10-12 - *MEETS GRADUATION REQUIREMENT* - Prerequisite: Algebra I

The five Standards in the Chemistry curriculum are 1) Inquiry, Reflection, and Social Implications; 2) Forms of Energy; 3) Energy Transfer and Conservation; 4) Properties of Matter; and 5) Changes in Matter. This study consists of theory, problem solving and experimentation in the following areas: measurement, classification of matter, atomic theory and structure, periodic table and chemical bonding, nomenclature, reactions and equations, stoichiometry, gases, the condensed states, solutions and the aqueous solutions of acids/bases/salts.

Anatomy & Physiology

Grades 11-12 - Prerequisite: General Biology/General Chemistry Recommended

This course is designed for students who want to develop a better understanding of the human body. Increase your awareness and appreciation of the miraculous and delicate systems that maintain life, and the complex wonders that occur each day within your very own body. Along with serving as a proven, excellent primer for a college anatomy and physiology course, this course will give insight into the importance of making healthy choices throughout life. Laboratory procedures include comprehensive dissections and modeling activities to reinforce each unit. You will also participate in an actual lecture and laboratory exercise at Michigan Technological University.

Advanced Placement (AP) Chemistry

Grades 11-12 - Prerequisite: General Chemistry and Approval of Department

AP Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first year of college. Topics include: stoichiometry, gases, solutions, kinetics, thermochemistry and thermodynamics,

chemical equilibrium with an emphasis on aqueous equilibria, electrochemistry, atomic and molecular structure including the effect of molecular geometry on the properties of solids and liquids, nuclear chemistry and an introduction to organic chemistry. The course performs labs weekly in an extended class period by working through the lunch period. The AP Chemistry Exam is given in the spring for possible college credit.

Advanced Placement (AP) Biology

Grades 11-12 - Prerequisite: General Biology, General Chemistry and Department Approval

Anatomy and Physiology recommended

AP Biology is designed to be the equivalent of a college freshman biology course. This course emphasizes the importance of self-discipline and motivation in the development of study habits for higher level learning and thinking. Using the curriculum of general biology as a foundation, students will pursue the subject material at a much deeper level. Laboratory exercises and evaluations are designed to reflect an understanding of the relationships between all areas of biology, rather than just a recall of facts. The AP Biology examination at the end of the year will allow students an opportunity to earn college credit in the field of biology.

Physics

Grade 12 - Prerequisite: Algebra II; underclassmen who have completed FST may petition to take Physics -

MEETS GRADUATION REQUIREMENT

Physics is the study of matter and energy, and the interactions between the two. This class emphasizes problem solving skills while exploring theory and experimentation in Physics topics. The four Standards in the Physics curriculum are 1) Inquiry, Reflection, and Social Implications; 2) Motion of Objects; 3) Forces and Motion; 4) Forms of Energy and Energy Transformations. Specific topics include motion, forces, vectors, projectile and circular motion, momentum, work and energy. Not sure if you should take Physics? Please check out “7 Myths of High School Physics” [here](#).

Forensic Science

Pre-requisite: General Biology. Suggested Co-requisite: Anatomy/Physiology and General Chemistry

Course Description: Forensic science is the application of scientific knowledge to questions of civil and criminal law. This course is a lab-based, hands-on course that will explore what forensic scientists do. You will learn modern forensic methods and use scientific methods to solve legal problems. This course will focus on collection and analysis of crime scene evidence (such as serology, toxicology, entomology, odontology and trace evidence), and explore lab analysis techniques, (such as DNA analysis, fingerprinting, hair & fiber analysis, and blood spatter analysis). Forensic scientists are also required to testify in court about their methods and analysis of evidence. To make a convincing case, you need to be able to clearly and concisely explain the results of the labs and techniques you use, and explain the significance of your results in lab reports. Finally, mock crime scenes will be investigated and real case studies analyzed.

Course Objectives: By the end of the course each student will be familiar with the history of the forensic sciences, the roles of different types of professionals involved in evaluating a crime scene and the collected evidence, the methodology of collecting & interpreting data, avoiding contamination, and preservation of chain of custody, and how to present evidence in a professional (courtroom) setting.

MATHEMATICS

Calculator needs: All math students need a scientific calculator. Students in Algebra II, Functions, Statistics and Trigonometry and AP Calculus need a graphing calculator.

Algebra I

Grade 9 — *REQUIRED* — Prerequisite: Transition Mathematics or equivalent

The Eight Common Core Practices that Algebra I will cover are:

- 1) Make sense of problems and persevere in solving them.
- 2) Reason abstractly and quantitatively.
- 3) Construct viable arguments and critique the reasoning of others.
- 4) Model with mathematics.

- 5) Use appropriate tools strategically.
- 6) Attend to precision.
- 7) Look for and make use of structure.
- 8) Look for and express regularity in repeated reasoning.

Algebra II

Grades 9-12 — Prerequisite: Algebra I and Geometry

The ten Standards in the Algebra II curriculum are 1) Reasoning about Numbers, Systems, and Quantitative Situations; 2) Calculation, Algorithms, and Estimation; 3) Measurement and Precision; 4) Expressions, Equations, and Inequalities; 5) Functions; 6) Mathematical Modeling; 7) Univariate Data-Examining Distributions; 8) Samples, Surveys, and Experiments; and 9) Probability Models and Probability Calculation.

Geometry

Grades 9-12 — Prerequisite: Algebra I — *REQUIRED*

The content of the course includes the following: “Points and Lines,” “The Language and Logic of Geometry,” “Angles and Lines,” “Congruence Transformations,” “Proofs Using Congruence,” “Polygons and Symmetry,” “Applications of Congruent Triangles,” “Lengths and Areas,” “Three-Dimensional Figures,” “Formulas for Volume,” “Indirect Proofs and Coordinate Proofs,” “Similarity,” “Similar Triangles and Trigonometry,” and “Further Work with Circles.” Throughout the course, students will focus on the following standards for mathematical practice: 1) make sense of problems and persevere in solving them, 2) reason abstractly and quantitatively, 3) construct viable arguments and critique the reasoning of others, 4) model with mathematics, 5) use appropriate tools strategically, 6) attend to precision, 7) look for and make use of structure, 8) look for and express regularity in repeated reasoning. For more information, please visit:

<http://ucscmp.uchicago.edu/secondary/curriculum/geometry/>

Functions, Statistics and Trigonometry

Grades 11-12

Prerequisite: Algebra I, Algebra II and Geometry with C's or better

FST integrates statistical and algebraic concepts and previews calculus in work with functions and intuitive notions of limits. Computers and graphing calculators are used to plot functions, analyze data, and simulate experiments. There is a thorough study of trigonometry and circular functions.

Project STEM

Grades 11-12

Prerequisite: Geometry

Project STEM is a project based science, technology, engineering, and math class. The course content consists of the following:

- Geospatial Tools which includes geographic information systems, global positioning, and remote sensing
- Engineering Design Process
- Bridge Design using Computer Aided Design (CAD) and a state competition
- 3D Design and Printing
- Computer Coding

Fundamentals of Personal Finance

Less than half of high school seniors qualify as financially literate, and more than 7 million borrowers are in default on student loans for college. Students are facing tremendous financial challenges without the basic knowledge needed to thrive in today's economy. This course will change your financial future and set you on a path to win with money, allowing you to change the way you look at money forever. You will be empowered, equipped, and entertained while building confidence in your own financial decision-making.

This course is open to high school seniors and is a unique learning environment in which you learn from a true financial professional, Dave Ramsey through his high school curriculum. The course is also a blended learning course in which technology is used every day. Some of the topics covered include: Saving, Budgeting, Debt, Stock Market, Insurance, etc. It's more than just another course in high school... it's hope for the future.

Advanced Placement (AP) Calculus AB

Grade 11-12 — Prerequisite: Functions, Statistics and Trigonometry

This is a full-year college-level course which culminates in students taking the AP Calculus AB Exam for possible college credit. Topics covered are Functions, Graphs, and Limits, Derivatives, Integrals, and Polynomial Approximations and Series.

SOCIAL STUDIES

American Government

(one semester) — Grade 12 — *REQUIRED* — Prerequisite: U.S. History

Students will gain a better understanding of the processes of government, examine the problems faced by Americans today, and gain an understanding of the rights and responsibilities of citizens under the American system of government.

Economics

(one semester) — Grade 12 — *REQUIRED*

During this course, students will be introduced to microeconomics and concepts such as supply, demand, and market equilibrium. Students will be introduced to macroeconomics and concepts such as GDP, GNP, unemployment rates, as well as fiscal and supply side policies.

United States History

Grade 11 — *REQUIRED*

Students will study the events which have shaped the United States. The major focus will be from the latter 1800's to the present. Some of the topics covered are: the Progressive Era, the World Wars, the great Depression, the Cold War, and the Civil Rights Movement. Students will also learn about the Core Democratic Values, the U.S. presidents and work with the map of the United States. In addition, students will be taking part in community involvement projects throughout the school year.

History of the World, Part I

Grade 9 — *REQUIRED* — Class of 2020 and prior

This class covers the history and geography of the world from 300 C.E. to 1800. Some of the topics covered are world religions and trade networks, the growth of various groups and their empires (such as the Mongols), the development of Africa, China, Latin America, Western Europe and Eastern Europe (including the Middle Ages), and Revolutions (American, French, Latin American). The class employs a wide variety of teaching techniques, such as group work, PowerPoint presentations, guest speakers, map work, art work, and lectures. Students will gain a wide understanding of the classical ages and how these and subsequent ages have influenced the issues the world faces today.

History of the World, Part II

Grade 10 — *REQUIRED* — Class of 2020 and prior

This class will continue where History of the World, Part I leaves off, with the time period of the 1900s to the present. Some of the topics covered are the various global revolutions (such as the Russian Revolution and the Mexican Revolution), 20th century genocide (such as Rwanda and Armenia), the World Wars, imperialism's effects, and democratization. The class employs a wide variety of teaching techniques including group work, PowerPoint, simulations, lecture, and map work. Students will gain an understanding of globalization and look at how the world's history and geography has shaped the events (China's economic might, the Middle East) we are dealing with today.

World History and Geography

Grade 9 — *REQUIRED* — Class of 2021 and later

World History and Geography will take a comprehensive look across different scales of time and place, starting from the beginnings of human history all the way through to modern times. Students will compare within and among regions & societies through time, study geographical and historical commonalities and patterns, analyze the impact of demographic, technological, environmental & economic changes on people around the world, and put together cause and effect of these changes. Students will study all the regions of the world and the major eras of world history.

Era 1: The Beginnings of Human Society
Era 2: Early civilizations & Cultures and the Emergence of Pastoral Peoples
Era 3: Classical Traditions, World Religions & Major Empires
Era 4: Expanding & Intensified Hemispheric Interactions
Era 5: The Emergence of the 1st Global Age (15th-18th Centuries)
Era 6: An Age of Revolutions (18th Century – 1914)
Era 7: Global Crisis and Achievement (1900-1945)
Era 8: The Cold War and its Aftermath (the 20th Century since 1945)
Contemporary Global Issues

Local History

Local History will study the geographic area of the Western Upper Peninsula of Michigan and how mining has impacted the area throughout the course of history. Students will start by analyzing early pre-European mining by the Native Americans and end with discussion about the potential economic impact of mining in the area today. The course will consist of project-based learning, examining primary sources and taking part in on-site observations.

Sociology

Grades 10-12 — SUBJECT TO AVAILABILITY

Sociology deals with the scientific study of group behavior. Therefore, it covers a wide range of topics. The first semester consists of learning about culture, social interaction, deviance, and social stratification. The second semester consists of learning about social class in the U.S., global stratification, gender, race, ethnicity, politics, family, religion, education, and sexuality. The class employs a wide variety of teaching techniques such as discussion, group work, presentations, debates, artwork, mock trials, and lecture. Students will study the changes which are taking place in our society and how these often lead to social problems.

Political Science

Grades 10-12 — SUBJECT TO AVAILABILITY

This one semester class focuses on the political theory behind some of the world's most historically significant political systems, including democracy, communism, socialism, and fascism. We will examine primary authors such as John Locke, Karl Marx, and Thomas Hobbes, as well as the historical impact of each. The class is designed to be interactive, with class discussion and frequent debates being an important piece of the curriculum.

Current Events

Grades 9-12 — SUBJECT TO AVAILABILITY

This one semester class focuses on the events that are shaping the world around us. We will utilize print, video, and online resources to discuss, interpret, and evaluate current events as they unfold. It is designed to be timely, focusing on the most recent events, as well as interactive - class discussion and frequent debates being an important piece of the curriculum.

AP Human Geography

Grades 10-12 — Department approval required

AP Human Geography looks at the world from a spatial perspective so that students can focus on how different phenomena interact and affect each other in different regions of the world. For instance, the lateness of the African countries' independence in comparison to other regions of the world has directly affected their economic development. In addition to this, students will look at how global developments affect the different levels of phenomena in a region. An example of this would be the effect of globalization of the auto industry on our local region of the Midwest. This class will also look at what makes up a region and how that region came to be, as well as how it continues to change. Students will also need to look at the world's regions in terms of their interactions with each other and how those relationships continue to change. A very relevant example of this would be the United States' changing role as a world power and how our relationships with other regions of the world have changed over time (ie: Russia).

AP U.S. History

Grade 11 — Department approval required

This class teaches you about U.S. History from the birth of the United States through the present. You will learn about the many different themes in U.S. History. These are: American diversity, American identity, regions in the

U.S., cultures, demographic changes, economic transformations, environment, globalization, politics, reform, religion, slavery, and war and diplomacy. This is a fast-paced, rigorous course that is treated like a college course.

COMPUTERS

Advanced Computer Applications

(full year) - Grades 9-12. A recent study by the International Data Corporation (IDC) revealed that the number two most required skill for high-growth, high-wage occupations is Microsoft Office skills. In this full year course, students will be provided the opportunity to earn industry recognized Microsoft Office Specialist (MOS) Certification. Students will become very proficient in practical programs like Microsoft PowerPoint, Word, and Excel. This course will be helpful throughout high school, college and into your future career. This course is application based, giving you experience and practice in the programs every day.

Digital Publishing

(full year) - Grades 9-12. This is a full year course that allows students the opportunity to experience digital design and publication. The course begins with students creating an appropriate online presence through a digital portfolio and teaches them how to brand themselves for a positive future online. Students will have the opportunity to create and develop projects for real-world scenarios, and will gain invaluable communication skills through working with students and adults. Projects include: marketing, graphic design, video editing and creation, and photo editing. Each week, students also work on digital publications for Houghton High School through social media sites, newsletters, and slide creation. This course mixes technology, creativity, and design.

CAREER/TECHNICAL EDUCATION

General Woodworking

(one semester) — Grades 9-10

Students will learn basic hand tool procedures and be introduced to various power machine practices, identifying types of woods, finishing procedures, general background in woodworking, hardware, and kinds of nails and screws. Students will do required projects to gain an understanding of machine operations and safety procedures. A teacher approved project designed by the student will be completed.

General Metals

(one semester) — Grades 9-10

Students will learn basic hand tool procedures and be introduced to various machine practices (i.e., metal lathe, grinder, drill press). Students will do required projects to gain an understanding of machine operations and safety procedures. Students will be introduced to seven areas in metalworking: (1) arc welding, (2) oxy-acetylene welding, (3) sheet metal, (4) forging, (5) heat treatment of metals, (6) wrought iron, and (7) machining (metal lathe).

Auto CAD I

Grades 9-12

Students will use conventional drafting equipment to learn basic drafting procedures. Concepts will include but not be limited to orthographic projection, sectional views, auxiliary views, lettering practice, dimensions, notes and related rules, screw thread representation, and pattern development. Students will learn the basic commands, mode settings, drawing aids, short cuts, and other valuable characteristics of Auto CAD.

Auto CAD II

Grades 10-12 — Prerequisite: Auto CAD I - SUBJECT TO AVAILABILITY

Students will learn residential architecture with the use of AUTO CAD. The problems will familiarize the students with basic techniques of construction from foundation plans through floor plans and elevation views. Students will do interior elevations and section views. Proper dimensioning will be used on all drawings. Students will also use the proper symbols for electrical devices and plumbing fixtures and make door and window schedules.

Advanced Metals

(full year) — Grades 10-12 — Prerequisite: General Metals

Students will learn basic GMAW (Gas Metal Arc Welding), SMAW (Shield Metal Arc Welding), OFS (Oxy Fuel Safety), and techniques of welding including vertical, horizontal, and overhead welding. This course will also include print reading for welding. Inspection and testing of all welds will be required. Students will work on custom projects or metal sculptures from the design stage to completion. This class promotes critical thinking skills, common sense, and imagination. Projects include snowmobile trailers, tree stands, woodstoves, sauna stoves, etc. Students may also design sculptures made from steel, aluminum, or other metals. This class also incorporates 3D Plastic Printing.

Advanced Woodworking

(full year) — Grades 10-12 — Prerequisite: General Woods

Advanced woodworking is designed to allow the student to apply the beginning principles and techniques from General Woods. It will further expand the student's understanding of woodworking by producing a piece of furniture that is not only functional but aesthetically pleasing as well. The student will have the opportunity to use all of the tools and machinery the wood shop has to offer.

3D Printing

(full year) — Grades 9-12

The 3D Printing class will learn how 3D printers are designed, made, programmed, calibrated and used in today's society. The students will learn all aspects of using the 3D printers. Using engineering design programs, a variety of 3D modeling programs, and the 3D printers, students will create prototypes solving problems that are presented to the class. Once the prototype is designed, the 3D printers will be used to create the prototype. If the solution does not resolve the problem, students will reengineer the prototype and reprint until the prototype solves the problem. There will also be an opportunity for all students to purchase, build, program, calibrate and take home a 3D printer. There is no prerequisite for this class. The class will utilize both individual and group efforts, and may include verbal presentations, demos and other forms of presentation as decided by the instructor.

Building Trades

(full year) — Grades 10-12 — Prerequisite: General Woods

Building trades is a course where students learn all aspects of residential construction ranging from personal and site safety, rough carpentry, siding, roofing, and some finish carpentry through a series of projects that may include off campus projects. Students also learn general construction estimating and can use this class to satisfy the fourth year math requirement. This is a two-hour (two-credit) course.

***PLEASE NOTE:** The following Career/Technical Education courses that are offered in Hancock (Automotive Technology, Health Careers, and Nurse Aide) will be offered to seniors first and juniors second. You MUST have a good attendance record in order to be considered. If you enroll in a CTE class and later drop it, you will be required to pay tuition. We pay approximately \$1,300 per student for these classes. If you drop, you will be required to reimburse the school for your tuition.*

Automotive Technology

Grades 11-12 — HELD AT THE CAREER & TECHNICAL EDUCATION CENTER IN HANCOCK. Students provide their own transportation.

This is a two-hour (two-credit) program that prepares students to explore or enter the automotive field. Some of the instructional areas are: braking systems, front-end alignment, suspension, on-board computers, sensors, emissions, fuel injection, oscilloscope, engine analysis, and related support systems. Students will be given the opportunity to take the state and national Automotive Service Excellence (ASE) certification tests. This may be taken as a one or two year course.

Health Careers

Grades 11-12 — HELD AT THE CAREER & TECHNICAL EDUCATION CENTER IN HANCOCK. Students provide their own transportation.

This is a two-hour (two-credit) program that provides students with the medical theory foundation, basic health care skills and experience necessary to establish a career in the health care profession, through a combination of classroom instruction and clinical experience. This may be taken as a one or two year course.

Nurse Aide

Grades 11-12 — HELD AT THE MEDICAL CARE FACILITY IN HANCOCK. Students provide their own transportation.

This is a two-hour (two-credit) course designed to prepare students for work as a nurse aide. The program provides classroom instruction as well as actual work experience under the direction of a registered nurse and medical staff. Upon completion of the program, students are eligible to take the state certification exam and have their name placed on the state registry to obtain employment as a Competency Evaluated Nurse Assistant (CENA). This may be taken as a one or two year course.

FINE ARTS/FOREIGN LANGUAGE

Art I

Grades 9-12

Students will work with a variety of materials including oil, pastels, charcoal, pencil, clay, glass, acrylic paint, and watercolors, to build basic skills. Students will also learn about artists from a variety of time periods and learn about art from around the world.

Art II

Grades 10-12 — Prerequisite: Art I

Students will use techniques learned in Art I to create self-directed projects. New art forms, materials and techniques will be introduced, such as photography, mixed media projects, sculpture, jewelry making, collages and murals.

Art III

Grades 11-12 — Prerequisite: Art II

This class is for the serious art student who will be preparing a portfolio for college or who plans on incorporating art into their life in the future. Students will be introduced to new material and art forms, including stained glass, studio photography, pottery, mosaics, and found object sculpture. Great artists and their works will be studied. Students may be involved in community art projects.

Yearbook

Grades 10-12 (Full Year)

Students will work together to produce the Amygdaloid, the Houghton High School yearbook. One will take digital pictures (possibly at events in the evenings), scan images, and manipulate and apply images to yearbook pages using Photoshop. Students will also sell advertisements and yearbooks and keep records of this. The meeting of deadlines is expected of the students.

Advanced Band

Grades 9-12

The advanced band plays at an advanced level in a variety of settings, styles, and forms and is primarily a performance-oriented class.

Advanced Chorus

The advanced chorus is a performance-oriented class. The number of performances varies with the interest and abilities of the chorus. Opportunities are available to sing in large and small groups and as soloists, and include concerts and contests.

Spanish I

Grades 9-12 — Prerequisite: C average or better in previous English course

This class assumes you have little or no knowledge of Spanish language or culture. It teaches the fundamentals of Spanish through a natural approach with an emphasis on listening skills, with the understanding that speaking skills will emerge over time. Latin and Spanish culture will be explored as well. Students should leave class with a knowledge base of the most fundamental words and good comprehension skills.

Spanish II

Grades 10-12 — Prerequisite: Spanish I

This class continues from Spanish I. It develops more vocabulary and grammar knowledge and begins to foster speaking skills more fully. It also looks at more foreign cultures. Students will begin to use Spanish as a means of conversation and be able to express themselves more fully.

Spanish III

Grades 11-12 — Prerequisite: Spanish II – Subject to availability

This class continues from Spanish II. It develops further knowledge of grammar and vocabulary and begins to focus more on communicative aspects of the language and using the language in higher order skills, as a means of analysis and expression.

Spanish IV

Grade 12 — Prerequisite: Spanish III – Subject to availability

This class continues from Spanish III. It develops further knowledge of vocabulary and grammar and continues to actively foster communicative skills through an immersion environment. It also promotes growth in utilizing the language in higher order skills as a means of analysis and expression.

German I

Grades 9-12 — Prerequisite: C+ average or better in previous English course

This is the first year of high school German. No previous knowledge of the language is required. The focus of this course is on mastery of the basic vocabulary, grammar, reading, writing, and oral skills necessary to communicate in German at the introductory level.

German II

Grades 10-12 — Prerequisite: German I

This is the second year of high school German and is a continuation of the previous year's curriculum. The focus of this class is expanding on basic communication skills, increasing the student's working vocabulary and range of topics, and learning more advanced language concepts.

French I

Grades 9-12 — Prerequisite: C+ average or better in previous English course

This is the first year of high school French. No previous knowledge of the language is required. The focus of this course is on mastery of the basic vocabulary, grammar, reading, writing, and oral skills necessary to communicate in French at the introductory level.

French II

Grades 10-12 — Prerequisite: French I

This is the second year of high school French and is a continuation of the previous year's curriculum. The focus of this class is expanding on basic communication skills, increasing the student's working vocabulary and range of topics, and learning more advanced language concepts.

PHYSICAL EDUCATION/HEALTH

Physical Education I/Health

(full year) — Grades 9-12 — REQUIRED

This course is a combination of physical education and health. Students may take this course to fulfill their high school requirement of Health/Physical Education. This course encompasses the Michigan standards for high school. There will be periodic tests and an exam at the end of each semester. Participation points will also be used in the calculation of grades for each student.

Weight and Cardio Training

(Full Year) — Grades 9-12

Students will do weight and resistance training, along with workouts designed to improve cardiovascular fitness.

Individual and Team Sports

(Full Year) — Grades 9-12

This class will focus on sports that are fun and exciting and can be done for a lifetime of enjoyment. Students will have the opportunity to focus on individual pursuits such as golf, cross country skiing, bowling and team activities.

JROTC (Junior Reserved Officer Training Corps)

Grades 9-12 – HELD AT HANCOCK HIGH SCHOOL.

JROTC is a high school course offered in cooperation with Hancock High School and the U.S. Army. This class prepares students for responsible leadership roles, community service, personal responsibility, teamwork and self-discipline. Satisfactory completion of the program can lead to advanced placement credit in the Senior/College ROTC program or advanced rank in the Armed Forces. Two years of JROTC will satisfy the health and physical education graduation requirement.