

2024-2025

Western High School

Curriculum Guide



PANTHER PRIDE

RESPECTFUL - RESPONSIBLE - READY

2024-2025 Course Offerings

APPLIED VISUAL & PERFORMING ARTS

Basic Art: Length: 18 weeks / Credit: .5 / Grade level: 9, 10, 11, 12 / Prereq: None

This course introduces students to basic art techniques. Students will learn art appreciation through a variety of techniques and media; including drawing, painting, and basic sculpture within the study of the elements of design. Students may wish to supply specific materials for projects. This class is a prerequisite for 2-D Design. May be repeated for credit by instructor approval. Meets high school graduation requirements.

2-D Design: Length: 18 weeks / Credit: .5 / Grade level: 9, 10, 11, 12 / Prereq: Basic Art or Teacher Recommendation

Prerequisite: Basic Art

This course will focus on advanced drawing and painting techniques. Students will refine basic layout and design principles in a variety of drawing media. Students will paint in watercolor, acrylic, and/or alternative media using a variety of techniques and styles. May be repeated for credit by instructor approval. Meets high school graduation requirements.

Advanced Art: Length: 36 weeks / Credit: 1.0 / Grade level: 10, 11, 12

Prereq: Instructor Approval Only.

Students must have had a previous art class. This is a serious class for students who want to go into the field of Art. The semester will focus on class projects preparing an art portfolio for college that will be reviewed by a college representative. May be repeated for credit by instructor approval. Meets high school graduation requirements. Recommendation. There will be a \$20 fee taking this course.

Digital Photography: Length: 18 week / Credit: .5 / Grade Level: 10, 11, 12

This course provides the necessary information and assistance in using a digital camera to capture, edit and manipulate top quality images for both the Internet and printing. Includes techniques on layout, composition, message and color. Students may supply their own camera.

May be repeated for credit by instructor approval. Meets high school graduation requirements.

Sculpture: Length: 18 weeks / Credit: 1 / Grade level: 11, 12 This course is specifically designed to introduce a variety of sculpture including relief and in the round. Students will work with a variety of materials including, but not limited to: papier mache, clay, paper, foam core, etc. Students will learn how to use the potter's wheel and build slab and coil projects. Meets high school graduation requirements. .

Concert Choir: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12

Prereq: Permission of the director and previous musical experience.

Concert Choir is an intermediate choir for students wishing to improve their singing and ensemble skills. Music chosen to perform represents a wide variety of styles. They will participate in high school concerts and choir festivals. Additional performance opportunities are available through this class. Students entering Concert Choir must demonstrate the musical skills to be in the intermediate choir. Evening performances are required as part of the course and uniform attire must be worn. Contact the choir director for details.

Select Choir: Length: 36 weeks / Credit: 1.0 / Grade level: 10, 11, 12

Prereq: Audition by director and previous musical experience.

Western Select Choir is the top vocal performance group in the high school. Each singer will show a high level of musicianship and musical aptitude. Music chosen to perform represents a wide variety of styles. They will participate in high school concerts and choir festivals. Evening performances are required as part of the course and uniform attire must be worn. Additional performance opportunities are available through this class. Additional costs may be involved for participation in this class. Contact the choir director for details.

Concert Band: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12

Prereq: Complete middle school band program or its equivalent, successful audition with the H.S. director(s).

The Concert Band continues to advance musical knowledge and skills on instruments. Music chosen to perform represents a wide variety of styles. Students are taught to perform with proper regard to style, dynamics, and phrasing, in addition to the basic skills and concepts of reading and performing music. The Concert Band performs as a marching band in the fall and students attend band camp, home football games, and other marching band events. They also perform in at least four concerts a year (one per marking period) and band festivals. Attendance is mandatory at all performances. Students also complete a small group performance and individual assignments. There are some varying costs that can be found by inquiring with the director. Students enrolled in Symphonic Band may also enroll in this course with the director's approval.

Jazz Band: Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade level: 9, 10, 11, 12

Prereq: Audition by Director

This course covers different genres of jazz music and is offered for students who play wind instruments, percussion, and rhythm instruments (guitar, bass guitar). Students learn how to improvise solos, perform at least one formal concert each marking period, and have supplementary performances at selected athletic and other events. Recommended to be taken with Concert or Symphonic Band.

Symphonic Band: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12

Prereq: Successful audition with the H.S. director(s).

The Symphonic Band continues to advance musical knowledge and skill on instruments. Students are taught to perform with proper regard to style, dynamics, and phrasing, in addition to the basic skills and concepts of reading and performing music. Music chosen to perform represents a wide variety of styles. The Symphonic Band performs as a marching band in the fall and students attend band camp, home football games, and other marching band events. They also perform in at least four concerts a year (one per marking period) and band festivals. Attendance is mandatory at all performances. Students also complete a small group performance and individual assignments. There are some varying costs that can be found by inquiring with the director.

Introduction to Engineering and Design: Length: 36 weeks / Credit: 1.0 / Grade Level: 9, 10, 11, 12

This course introduces students to the process of engineering and design. Students will learn how to use CAD software (Inventory) to sketch, alter and produce parts and projects. Once designs are completed on the CAD software, students begin constructing models based on their sketches. This course applies geometry and scientific approaches in the design process. College credit may be earned from this course to be submitted to a variety of engineering schools, such as Eastern Michigan University, if the student successfully completes the final exam provided by Project Lead the Way.

Principles of Engineering: Length: 36 weeks / Credit 1.0 / Grade Level 10, 11, 12

Prereq: Intro to E & D

This survey course of engineering exposes students to major concepts they'll encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community.

Robotics Systems I & II Length 18 weeks / Credit: .5 / Grade level: 10, 11, 12

This course was developed to provide students with exposure to careers in Engineering, Manufacturing, and Skilled Trades. Students apply hands-on skills to solve real problems and challenges with electricity, air (pneumatics), and other materials. Students use 3D modeling software (SolidWorks), 3d printing, laser cutting, and cnc routers to create various projects. The course will have students working with hands-on activities that provide them with experiences with AC/DC Electrical Systems, Hydraulic (Fluid) control, Pneumatic (Air) control, Mechanical Fabrication, and Drive systems. Additionally, students will learn to use problem-solving skills to create 3D models and drawings using SolidWorks. Students will be allowed to have hands-on programming experience with manufacturing Robots. While working with local manufacturers and employers to develop basic skills that will open up career opportunities.

Woodworking I Length: 36 weeks / Credit:.5 / Grade level: 9, 10, 11, 12 / Prereq: None

This course introduces students to design and production through hands-on activities and projects. Students will learn how to produce multi-view drawings, interpret blueprints, use precision measurement, and select materials, tools, machines, and construction methods. This course may fulfill the one credit graduation requirement for Fine and Practical Arts. Students must pass this course with a C or better to proceed on to Advanced Industrial Technology.

Woodworking II Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade level:9,10, 11, 12

Prereq:General Shop. May be selected more than once with instructor permission.

This course builds on concepts learned from Intro to Industrial Technology including advanced design applications and building to specification. This course focuses mainly on project-based learning. Students are evaluated on efficiency, accuracy and quality as agreed upon by teacher-student contract. This course may be repeated for additional credit. Some projects may require a fee or additional materials.

Yearbook Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12

Prereq: Application and approval by instructor

This course requires organization and responsibility for time management. The focus of the first semester of this class is Principles of Journalism as they apply to a high school yearbook. Units covered include financing, marketing, theme development, pre-planning the yearbook, obtaining necessary information and materials, photography, layout and design, writing copy and captions, graphics elements and enhancements, and desktop publishing. Each student will produce a minimum of four double-page spreads for the yearbook. The second semester is devoted entirely to application of curriculum offered during the first semester and production of the yearbook. The fund-raising is a vital part of this class. All students are expected to sell ads for the yearbook at the annually determined rate. Seventy-five percent of the first marking period grade and twenty-five percent of the second marking period grade will be based on fund- raising. The remainder of the grade for the first semester will be based upon editing and production. This class is fun and very challenging, and demands that students commit themselves for an entire year. After school time is frequently required. Students may earn art credit in this class each year they participate.

CAREER CENTER

Jackson Area Career Center Length: 36 weeks /Credit: 4.0/Grade level: 11,12 / Prereq: Complete grades 9 & 10

The Jackson Area Career Center is designed for students who are interested in learning an employable skill prior to graduation from high school. Two shifts are scheduled. 8:30 - 11:00 AM and 11:40 - 2:05 PM. The student spends at least three class periods enrolled in WHS classes in addition to a concurrent with enrollment at JACC. JACC students may miss some WHS activities and assemblies.

[Jackson Area Career Center](#)

DUAL ENROLLMENT

Dual Enrollment permits the students to take classes simultaneously at both WHS and a college or university. Courses will be taken for both high school and college credit. Eligibility for dual enrollment classes are based on the state's minimum qualifying scores. All students are reviewed on a case by case basis, with the high school principal having the final say on enrollment.

Questions about dual enrollment should be directed to your counselor:

Mrs. Becky Callender:	last name A - G	<u>becky.callender@wsdpanthers.org</u>
Mrs. Katie Sullivan:	last name H - O	<u>katie.sullivan@wsdpanthers.org</u>
Mr. Josh Smith:	last name P - Z	<u>joshua.smith@wsdpanthers.org</u>

JACKSON COUNTY EARLY COLLEGE

Jackson County Early College is designed to offer students a high school diploma and either an Associate's degree, a certificate, or 60 transferable college credits. Students enrolling in Early College can complete their high school requirements while enrolling in college courses over five years. A specific program of study for each student is created based on his/her career pathway and is provided at little to no cost.

[Jackson County Early College](#)

ENGLISH

English 9: Length: 36 weeks / Credit: 1.0 / Grade level: 9

English 9 is a required one-year course of study for all freshmen. Both semesters must be successfully completed to be eligible for Western high school graduation. This course is designed to provide freshmen a strong foundation in formal essay writing, critical thinking and analysis, and reading comprehension skills. English 9 contains a variety of disciplines following the Common Core Curriculum MAISA Units as adopted by the Western School District Board of Education. These eight units include writing literary analysis, argumentative, and narrative, and informational essays, reading both fiction and non-fiction, and improving communication skill

English 9 AP Prep: Length: 36 weeks / Credits: 1.0 / Grade level: 9

AP Prep English 9 is for any student seeking a rigorous language arts experience. For those planning on taking dual enrollment or Advanced Placement college during their junior and senior year, this class will prepare a strong foundation both in skills and the critical thinking required in college prep classes. Students will learn the same core curriculum as in the traditional English 9 class, but it will be at a slightly faster pace, involve more independent work, employ more complex reading, and more challenging writing.

English 10: Length: 36 weeks / Credit: 1.0 / Grade level: 10 / Prereq: English 9

English 10 is a required one year course of study for all sophomores. Both semesters must be successfully completed to be eligible for Western High School Graduation. The curriculum includes writing and critical reading of literature. In literature, short story forms, plays, and novels will be the focus. Expository writing skills and vocabulary improvement are stressed. Grammar and usage will be taught in conjunction with writing as needed. Students must expect to work and read independently outside of class time.

English 10 AP Prep: Length 36 weeks / Credit: 1.0 / Grade level:10 / Prereq: English 9

This course is designed to augment critical thinking and college ready skills necessary for success in dual- enrolled or Advanced Placement courses junior and senior year. This course takes a cross-curricular approach to augmenting critical thinking skills by approaching language arts through various lenses and subjects. For example, students will not only read and study literature with a focus on analysis, but will also approach nonfiction and fiction rhetorically and analytically. Further, students will also design, implement, and analyze the results of an original field study in the form of a field research report and presentation. Students will leave this course with a deeper appreciation of rhetorical thinking through the study of nonfiction argumentation, the ability to analyze literature through a formalist and socio-cultural/ historical lens; effectively communicate in writing with both style and voice in multiple genres for multiple purposes. Major assignments will include an extensive synthesis research essay, original poetry, literary analysis, a descriptive narrative, a blog-style analysis of a contemporary cultural symbol, and an original media advertisement. This is a rigorous course for the motivated student.

English 11: Length: 36 weeks / Credit: 1.0 / Grade level: 11, 12 / Prereq: English 10

English 11 is a required full year course of study for all juniors. Students must successfully complete both semesters in order to obtain credit and maintain eligibility for graduation from Western High School. This course focuses on classical American literature and historical documents. Extensive writing practice begins with a student autobiography that will continue throughout the year, and also includes persuasive writing, critical analysis, and research writing to prepare students for standardized testing and college. English 11 is aligned to the Common Core Curriculum and MAISA units as adopted by the Western Board of Education.

AP Language/Composition: Length: 36 weeks / Credit: 1.0 / Grade Level: 11, 12

Prereq: Successful completion of Eng. 10 or Instructor approval

The Advanced Placement course in English Language and Composition has three main purposes: (a) to engage students to become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, (b) to develop skilled writers who compose in a variety of forms - narrative, exploratory, expository, argumentative - for a variety of purposes, and (c) to prepare students - through practice testing and student models - for the Advanced Placement English Language and Composition Test. Its varied curriculum allows for exploration of topics from personal experiences to public policies, from imaginative literature to popular culture. The writing process is emphasized by students proceeding through several stages and drafts of a written piece, with revision aid by peers and teacher. Readings are organized by theme or grouped by ideas, issues or rhetorical mode, and are to be completed independently for synthesis in class. Students who elect to complete this rigorous curriculum will be challenged to read widely and reflect in depth. Students who take this course will take the AP examination in English Language and Composition held in May each year.

English 12: Length: 36 weeks / Credit: 1.0 / Grade level: 12

English 12 is a required one year course of study for all seniors. Both semesters must be successfully completed to be eligible for Western High School Graduation. This course is designed to aid graduating seniors in their transition from high school, either to careers in the world of work or to an advanced education. Emphasis is placed on non-fiction, informational texts. English 12 works collaboratively with the counseling department, the College & Career Access Center, as well as community stakeholders in exposing seniors to options and opportunities post-graduation. Major assignments include the college essay, research essay and accompanying presentation, and the electronic senior exit project. The electronic exit project must conclusively prove they have mastered the knowledge required of them by Western High School and the State of Michigan.

AP Literature/Composition: Length: 36 weeks / Credit: 1.0 / Grade level: 12

Prereq: Instructor recommendation & successful completion of either AP Language & Composition or English 11.

Advanced Placement Literature and Composition is designed in adherence to the AP English Course Description curricular requirements. This course will provide the student with a sound foundation for college literature and writing courses while preparing them for success on the AP Literature test in May. AP Literature and Composition teaches the fundamentals of rhetorical theory and beginning college-level writing. Students will create varied kinds of writings from formal literary criticism and analysis essays to creative short stories and poems. The focus will be on exploring conscious word choice, structure, coherence, syntactic structure, logical organization and clarity. Most importantly, students will hone their writing skills and strengthen their ability to write for understanding, explanation, and evaluation. Students will engage frequently in evaluating the effectiveness of their own writing, as well as that of their peers. The class will also engage the student in the careful reading and critical analysis of challenging literature. AP Literature and Composition will provide students with a substantial overview of poetry and in-depth study of major works of literature. Students will deepen their understanding of the literary craft by studying a work's structure, style, themes, and how the work connects to other works, as well as the imaginative and psychological wellspring of mankind. Additionally, students will closely investigate elements of literature such as structure, tone, symbolism, figurative language, allusion, imagery, etc. Students will gain an appreciation and deeper understanding of literature. Grades will be comprised of four core components: reading, writing, testing and discussion.

History of Rap: Length: 18 weeks / Credit: .5 / Grade level: 9,10,11,12 / Prereq: none

Through various media, films, discussion, readings, and writing, "The Art of Rap" examines the history of hip-hop while exploring various issues pertaining to its worldwide impact. We will examine the early years of rap music from the early 1800s to the present. A strong emphasis will center on the analysis of poetic devices, structure, rhythm/rhyme and the research of the pioneers of the rap movement. Various societal issues within hip-hop will be examined and their impact on the authors writing will be studied: issues of race, class, authenticity, violence, gender, and censorship will be studied. Students will have an opportunity to write, analyze and examine their own writing and will develop their own style throughout the course. In addition, we will analyze and explore the writing of rap artists and give students an opportunity to find their own voice through writing rap music. We will round out the course by researching a major rap artist and presenting a research based presentation covering his/her life, impact on rap music, comparison to other rap artists, conventions used in the creative process and their overall impact on the industry.

Individualized Literature: Length: 18 weeks / Credit: .5 / Grade level: 9,10,11,12 / Prereq: none

This course is one in which the student will read in the classroom books of his/her choice. The students will be encouraged to develop a wide range of reading interests. Students will give oral reading reports to the instructor. A minimum reading requirement will be established based upon the student's reading capability. Testing will determine each student's weakest skill area (comprehension, vocabulary, and speed); then the student will spend 1-1/2 hours per week on the area. An evaluation of reading experiences will be required of each student at the end of the course. Both a pre-test and a post-test in the skill area will also be given to assess improvement.

Women's Literature: Length: 18 weeks / Credit: .5 / Grade level: 9, 10, 11, 12 / Prereq: none

Women in Literature is a course for students who want to read compelling literature that focuses on the experiences of girls and women. Students will examine classic and contemporary novels, short stories, poetry, drama, nonfiction, and film that express female voices from various cultures and social backgrounds. Students will participate in small group discussions, writing exercises and creative projects that relate to the themes presented in the literature. The course also examines current issues affecting women (and men) and provides opportunities for personal reflection and goal setting. Students will learn more about themselves as they hone their communication skills and explore female characters and authors.

Fall Drama: Length: 18 weeks Credit: .5 Grade Level: 9, 10, 11, 12 Prereq: None.

(Formerly "Play Production") May be selected more than once with instructor approval

Students will primarily develop a cultural appreciation of drama selections and theater history through performance. Hands-on activities will include staging and performing skits, monologues, and other works; costume creation; demonstration of dramatic and improvisational techniques; and scriptwriting. Students will create and perform skits, including technical support, in front of various audiences. Student involvement in Fall Theatre Production (play or musical) will be expected; however, class enrollment does not guarantee a role in the cast or crew in the production.

Spring Drama Length: 18 weeks Credit .5 Grade Level 10,11,12 Prerequisite: Prior involvement in a high school production as an actor, technician, or pit band member. May be selected more than once with instructor approval (Formerly "Theatre Arts") Students will read and analyze plays and other dramatic literature with a focus on developing and perfecting character portrayals. They will perform a variety of roles both in groups and individually and will memorize and present at least two audition monologues. Other activities and areas of study will include make-up design and application, costume creation, and an introduction to basic technical elements of play production. Student involvement in Spring Theatre Production (play or musical) will be expected; however, class enrollment does not guarantee a role in the cast or crew in the production. Grade 9 may enroll with instructor approval.

Mythology and Science Fiction: Length: 18 weeks / Credit: .5 / Grade Level 9,10,11,12 / Prereq: none

Mythology/Science Fiction is a one semester elective course. The first nine weeks focus primarily on classical Greek mythology, but also include a student-initiated exploratory examination of myths and legends from a variety of other cultures including Norse, Native American, African, Celtic, etc. The textbook for this portion of the class is *Mythology* by Edith Hamilton, as well as a mid-level translation of *Beowulf*.

The second nine weeks is devoted to science fiction, beginning with four novellas from the classical period of science fiction: "The Midas Plague," "The Machine Stops," "E for Effort," and "The Big Front Yard." The novel *Brave New World*, by Aldous Huxley, is the other major literary piece for this marking period. In addition to literature, several classic episodes from *Twilight Zone* and *Masters of Science Fiction* are shown, along with the full length science fiction movie *Westworld*.

Journalism: Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade level: 9, 10, 11, 12

Prereq: Application and approved by instructor

Course focuses on important journalism skills and habits in the areas of news writing, editing, photography, video editing and other elements of 21st century news media production.

Young Adult Literature: Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade level: 9, 10, 11, 12

Young Adult Literature is a reading class for students who enjoy reading, or for those who want to get more practice with reading. The literature read in Young Adult Literature focuses on fictional texts written for a teen audience. Students read primarily contemporary literature, most of which focuses on issues that teens face in today's world. In addition to reading nearly every day, students can expect to do a significant amount of response writing, as well as projects and book talks. Students will be expected to read a minimum of 8 books per semester. Students will choose from one of three core texts, and then select the remainder of books from the following subgenres: Social Issues, Global/Cultural Issues, Historical Fiction, and Dystopian Fiction. While there will be texts provided in each of these categories, students will be able to choose other texts beyond those that fit these guidelines after getting instructor permission.

Debate Length: 18 weeks / Credit: .5 / Grade level: 9, 10, 11, 12

Debate is a one-semester course designed for students who enjoy public speaking and thinking critically about a variety of social, educational, and political topics. Students should expect to learn or expand knowledge of basic analytical reasoning, organization of ideas, research techniques, and basic speaking approaches. Competitive debates will be held within the class in the form of policy, value, and legislative debate. This course can be repeated four times for credit. Social studies credit can be obtained at the second, third, or four year level.

Film Studies Length: 18 weeks / Credit: .5 / Grade Level: 9, 10, 11, 12

Film Studies is a one-semester course designed for students who desire an in-depth examination of the visual communication arts. The primary components of this course will include the history of film, film production (including shots and techniques), and the study of film as a form of visual literature. Students will examine early films from the silent era and progress to contemporary film. Through the critical examination of film, students will develop critical film reviews. In addition, students will learn about the film industry; how screenplays are written and sold, and how feature films are produced.

FLEX

Flex... is a chance to embrace modern education by opening fourth hour during the traditional WHS school day for creative personalized learning, career exploration and preparation, credit recovery, student choice passion projects, dual enrolled class, and/or academic intervention. Students will take ownership of their learning by choosing an individualized ***Flex...*** pathway. Students may choose to pursue internship opportunities, visiting their internship supervisor during Flex, or have time to pursue an internship after school using Flex time to complete homework. Students will receive pass/fail credit for their Flex hour.

GENERAL STUDY

Independent Study: Length: 18 weeks / Credit: .5 / Grade Level: 9,10, 11, 12 / Prereq: Teacher, Counselor and Principal Approval

The design of independent study is for students in grades 9 through 12, who have a strong desire to study a subject presently offered in the curriculum, but the student is unable to schedule because of conflict or insufficient number of students to schedule the class offering. Also, if a student has a desire to study a specific area or subject not offered by Western High School, there first must be a course of study developed by the teacher who contemplates providing the independent study subject, and presented to the principal for consideration prior to the semester the independent study is to be taught. The teacher, student's counselor, and principal must then concur that the course content is sufficient to permit credit.

LINKs/Peer to Peer Support: Length: 18 weeks / Credit: .5 / Grade Level: 10,11, 12 / Prereq: None

The LINKs program is a research-based, peer-to-peer support model originally designed for students with autism. It has been adapted to include students with cognitive impairments and learning disabilities who struggle in social situations within the school setting. At WHS, the general education students, or the LINKs, will be assigned to a student (identified as in need of social or behavioral modeling by a member of the special education department) for one hour of their school day. The LINK attends the one class period with their student four days of the week to facilitate organization of materials, appropriate classroom behavior, attention to task/task completion and engagement in age-appropriate social interactions.

One day a week the LINK will report to class for training with the instructor. LINKs will use this time to work on online modules and receive direct instruction to learn more about the autism spectrum and methods/techniques for working with their students; conference with the instructor; interact with guest speakers; strategize and reflect with classmates; and plan for social outings with their student, individually or as a group. This class is open to juniors and seniors and will be especially helpful to students interested in human services, psychology, education, social work, or medicine.

First Aid: Length: 18 weeks / Credit: .5 / Grade Level: 9, 10, 11, 12 / Prereq: None

Students will learn current Red Cross guidelines for various first aid procedures. They will also learn how to perform assistance using automated external defibrillation (AED), CPR, rescue breathing, and other ways to handle sudden illnesses. By taking this class the student will be able to obtain Red Cross certification in these areas.

Introduction to K-12 Teaching: Length: 18 weeks / .5 credit/ Grade Level 11,12 / Prereq: None

This course is intended to expose students to the "other side" of classroom instruction. Students will explore how teachers choose what to teach and the strategies they use in the classroom. Students will study various instructional approaches through observation of master teachers at the elementary, middle and high school level. Students will consider various facets of teaching not often considered, such as creating a classroom community, executing high engagement activities, giving and receiving feedback, and communicating with families. This will be a hands-on class and students will be expected to fully participate in the process of designing, creating, practicing, and reflecting on instruction. Students do not need to be committed to becoming a teacher, but should be open-minded to it as a future career.

Work Study: Length: 18 weeks / .5 credit / Grade Level 11 & 12 / Prereq: Counselor & Career Prep Coordinator Approval

The Work Study elective is a wonderful opportunity for students to earn high school credit for an on-the-job experience in an area within their career pathway. For example, seniors who have interest in a medical focus may choose to work in various departments at Henry Ford Allegiance. This Work Study experience must be pre-approved by the district career coordinator and the counseling staff. Up to one full credit could be earned if a student completes 80+ hours of work, along with a written reflection.

SAT PREP: Length: 18 weeks/ Credit: .5/ Grade level 9,10,11,12 / Prereq: none

The non-math portion of the SAT is divided into critical reading and writing. Critical reading is subdivided into sentence completion, short reading comprehension, and long reading comprehension. Through review and practice, students will be familiarized with the directions for each section, the style of question, and the best approaches for finding the answers. The writing portion of the SAT consists of a multiple-choice section and a short, persuasive essay. We'll study the directions, style, and approach to the questions, as well as work on composing the essay.

Strategies for Academic Success: Length: 18 weeks/ Credit: .5 / Grade level: 9,10,11,12 / Prereq: counselor or admin recommendation

This course is a self-driven class that gives students the ability to work on homework, projects, to study, read, or work on other school related activities during the school day. Students will learn time management, study skills, and how to prioritize their learning. It can be used as credit recovery as well. Students will receive a Pass/Fail for this class. Course can be repeated for credit.

MATHEMATICS

Algebra I Studies: Length: 36 weeks / Credit: 1.0 / Grade level: 9

This course is designed to help students learn and practice Algebra I at a slower pace. Students will practice some topics from pre-algebra as well as cover the most essential Algebra I topics that include: solving equations and inequalities, a full understanding of everything linear as well as basic exponent rules. Class sizes are small to increase the teacher-student ratio that will ensure students get the help they need.

Algebra 1: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12

Prereq: Successful completion of Pre-Algebra or 8th grade teacher recommendation

Algebra I is going to bring together basic math concepts and connect symbols and graphs to introduce the relationship between math and the real world. A TI-84 Plus calculator is recommended for this course outside of the classroom.

Introduction to Algebra II: Length: 36 weeks / Credit: 1.0 / Grade level: 10 / Prereq: Algebra I Studies

This course is designed to finish the second half of Algebra I (exponent rules, polynomials, quadratics) as well as the first half of Algebra II. Topics from Algebra I will be built upon as new concepts are introduced and mastered. Class sizes are small to increase the teacher-student ratio that will ensure students get the help they need.

Continuing to Algebra II: Length: 36 weeks / Credit: 1.0 / Grade level: 11 / Prereq: Introduction to Alg II

Continuing to Algebra II will review and master concepts covered in Algebra I Studies and Introduction to Algebra II. Following, this course will cover the second half of Algebra II including higher degree polynomials, exponential and logarithmic functions, rational functions and basic trigonometry. Class sizes are small to increase the teacher-student ratio that will ensure students get the help they need.

Algebra II: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12 / Prereq: Algebra I

The goal of Algebra II is to cover the Common Core Standards. In Algebra II, we highly recommend that each student has a TI-84 Plus calculator for use outside of the classroom. Placement in class is based on teacher recommendation.

Algebra II Advanced: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12 / Prereq: Algebra I and Application

The goal of Algebra II Advanced is to cover the Common Core Standards at a faster pace and in greater depth. We highly recommend that each student has a TI-84 Plus calculator for use outside of the classroom.

Geometry Studies: Length: 36 weeks / Credit: 1.0 / Grade level: 12 Prereq: Continuing Algebra II

This course is designed to help students learn and practice Geometry at a slower pace. Students will practice some topics from Algebra as well as cover the most essential Geometry topics that include: Identify undefined terms, finding lengths of segments, angle measures, and much more. Class sizes are small to increase the teacher-student ratio that will ensure students get the help they need.

Geometry: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12

Prereq: Algebra I or teacher recommendation.

Geometry students can expect to learn very relevant information on the topics of logic and application of algebra concepts to find angle measures and side lengths of different figures. The TI-84 Plus calculator purchased for Algebra I or Algebra II will work great in Geometry.

Geometry Mastered: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12 / Prereq: Algebra 1 or teacher recommendation / Application is required.

This class will allow you to work through Geometry at your own pace. You will still be expected to get work done in school and outside of school. There will be target dates to get things done to stay on track. Once you get a section done and take the quiz. You will NOT be able to move on to the next section(s) or chapter until you get a 77% or higher on each objective (standard) on the quiz/test. If you do not get above a 77% on an objective, you will need to go back and reteach yourself and get assistance from the teacher. They will be able to retake any quiz or test until you are able to reach the required 77%. There is a possibility to get done with the entire year of geometry before the end of the 3rd quarter or a semester, instead of the full year.

Pre-Calculus: Length: 36 weeks / Credit: 1.0 / Grade level: 11, 12 / Prereq: Algebra I & II and Geometry
Pre-Calculus will further develop the connection between algebra symbols and graphs. There will continue to be modeling and problem solving of real-life applications. A TI-84 Plus calculator is highly recommended for this course outside of the classroom.

AP Calculus: Length: 36 weeks / Credit: 1.0 / Grade level: 12 / Application is required.

Prereq: Algebra I & II, Geometry & Pre-Calculus

This course is for students who are in a college preparatory mathematics program. Upon completion, the students will take the Advanced Placement Test for potential college credit. A TI-86 calculator will be issued to each student enrolled in this class.

Statistics: Length: 36 weeks / Credit: 1 / Grade level: 11, 12 / Prereq: Algebra II

In this project-based statistics course, students will learn to draw conclusions based on using different methods of evaluating data. The main focus of this course is to assess real world data, make statistical inferences and model results using multiple representations. Students will use a TI-Nspire calculator to practice statistical concepts. By the end of the course, students will have obtained basic skills in data interpretation and drawing inferences/conclusions based on gathered data.

Financial Literacy Length: 36 weeks / Credit: 1.0 / Grade level: 12

Prereq: Algebra I, Algebra II and Geometry

This course will focus on money managing strategies including practical projects and activities that will connect reality with the classroom work. The course will also offer opportunities for seniors to sharpen their fundamental math skills not only for daily use but in order to be more successful on college course placement tests.

Functions-Systems-Trig (FST) Length: 36 weeks / Credit: 1.0 / Grade level: 11, 12

Prereq: Algebra I, Algebra II and Geometry

Intended for students that wish to extend Alg 2 skills, but are not ready or do not desire the intensity of Pre-Calc. Primarily for the students that took Alg 1 in 8th grade, but now struggle or do not want to pursue something mathematical after high school. This class is not intended to prepare students for AP Calculus.

PHYSICAL EDUCATION / HEALTH

Personal Fitness: Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade: 9, 10, 11, 12 Prereq: None

An entry-level physical education course designed to give students a comprehensive experience of all aspects of physical activity/fitness in a weight room setting as well as lifetime-style fitness activities. Personal fitness curriculum covers each of the five national physical education standards focusing on physical literacy as well as physical fitness knowledge. Our curricula includes: Weight room safety, training methods, exercise technique, lifetime fitness activities, personal fitness plans, peer assessment, and social/personal responsibility. Students may alternatively earn this .5 credit through participation in athletics or marching band. See the student manual for details.

Game Fitness: Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade level: 9, 10, 11, 12 / Prereq: None

This class is a **higher intensity** physical education course for students who crave **competition**. Game Fitness implements strategy and team work in games such as basketball, volleyball, floor hockey, softball, tennis, soccer, etc. Students will learn and understand why lifelong fitness is important and they will track and work to improve all areas of fitness, including cardiovascular conditioning, muscular strength and endurance, and flexibility. This course may be repeatedly elected, but only if it was previously passed with a C or better.

Strength and Conditioning: Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade level: 9, 10, 11, 12 Prereq: None

This is an advanced level PE course emphasizing improving student's overall strength, conditioning, flexibility, and physical fitness. The purpose of this course is to educate students on the importance of physical activity with regards to fitness in a weight room setting while also giving students the opportunity to be physically active on a daily basis. The workouts in this course focus on basic and Olympic lifts using free weights, but class activities also aim at improving aerobic capacity, core strength, flexibility, and agility. This class is intended for ALL students.

It may be repeatedly elected, but only if it was previously passed with a C or better.

Team Football Strength and Conditioning

Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade level: 9, 10, 11, 12 Prereq: None

Specifically designed for male students on the football team:

This is an advanced level PE course emphasizing improving student's overall strength, conditioning, flexibility, and physical fitness. The purpose of this course is to educate students on the importance of physical activity with regards to fitness in a weight room setting while also giving students the opportunity to be physically active on a daily basis. The workouts in this course focus on basic and Olympic lifts using free weights, but class activities also aim at improving aerobic capacity, core strength, flexibility, and agility. *This class is for football players only.*

It may be repeatedly elected, but only if it was previously passed with a C or better.

Female Strength and Conditioning

Length: 18 or 36 weeks / Credit: .5 or 1.0 / Grade level: 9, 10, 11, 12 Prereq: None

Specifically designed for female students:

This is an advanced level PE course emphasizing improving student's overall strength, conditioning, flexibility, and physical fitness. The purpose of this course is to educate students on the importance of physical activity with regards to fitness in a weight room setting while also giving students the opportunity to be physically active on a daily basis. The workouts in this course focus on basic and Olympic lifts using free weights, but class activities also aim at improving aerobic capacity, core strength, flexibility, and agility. *This class is for female students only.*

It may be repeatedly elected, but only if it was previously passed with a C or better.

Health: Length 18 weeks / Credit: .5 / Grade level: 9, 10, 11, 12 / Prereq: None

The Michigan Model Health Curriculum is a comprehensive program instructed through a variety of methods designed to educate and prepare our students with the skills necessary to achieve and maintain life-long health. Our curriculum includes the following areas: personal, consumer, and mental health; behavior modification; relationships; the life cycle; parenthood; reproductive systems; communicable and non-communicable diseases; fitness and health; substances and abuse; and safety.

Sports Officiating: Length 18 weeks / Credit: .5 / Grade Level: 9,10,11,12

We would allow students to complete two RefReps officiating courses for a semester credit. Students could choose to do one course (NO CREDIT) or do additional courses beyond the expected two. Students may have the Independent Study as part of their 7-period schedule or as an extra class. The MHSAA will give the students who complete these courses FREE registration as certified officials, pending a passing score on the registration test.

Students will meet weekly with the course instructor and have access to additional instruction, guest speakers, and officiating practice opportunities. Sports options are football, basketball, lacrosse (boys/girls), ice hockey, baseball, volleyball, soccer, swim & dive, softball, flag football, wrestling, and track & field. More options will be added soon.

SCIENCE

Biology: Length: 36 Weeks / Credit: 1.0 / Grade Level: 9,10,11,12 / prereq: none

The purpose of this course is intended to help students develop their understanding of biology.

This course has a lecture and lab curriculum which explores the major components of biology satisfying the mandatory State of Michigan biology graduation requirement. Topics include: experimental design, cell biology, ecology, microscopy, cell, genetics, evolution and human impact on the environment. The course emphasizes the Next Generation Science Standards (NGSS) as well as the science and engineering practices. The laboratory is an important extension of the class and the students will be engaged in data analysis in order to come to evidence based conclusions. Core Topics include cells, ecology, genetics and evolution.

Consumers Energy Industry Fundamentals Course: Length: 18 weeks / Credit: .5 / Grade level: 11,12

Energy Industry Fundamentals (EIF) provides a broad understanding of the electric and natural gas utility industry and the energy generation, transmission, and distribution infrastructure, commonly called the "largest machine in the world," which forms the backbone for the industry. The course includes business models, regulations, types of energy and their conversion to usable energy such as electric power, how generated power is transmitted and distributed to the point of use, emerging technologies, and the connection to careers in the energy industry. Students participating in this course have the opportunity to earn an EIF certificate which goes toward 'Electric Utility Lineman' coursework at local community college programs. Field trips/activities may include, but are not limited to, Consumers Energy Lineman Training Facility in Marshall, Trail Street Laboratory, Natural Gas Power Generation Plant, Fire Safety/Slippery Surface Training, and First Aid Training.

Intro to Human Anatomy: Length: 18 weeks / Credit: .5 / Grade level: 11,12 / Prereq: 1 yr Biology

The purpose of this course is to study the human body and how it works. This introductory course is designed to expose the student to the basic function and general structure of the major organ systems: muscular, skeletal, respiratory, circulatory and digestive systems. Systems are studied at the macroscopic level rather than the cellular level. The course is intended for non science majors interested in how the human body works. Emphasis is on the interactions between systems to maintain homeostasis. Basic laboratory skills will be practiced. Students will be required to work in teams and small groups. The ability to work cooperatively will be expected.

Intro to Microbiology: Length: 18 weeks / Credit: .5 / Grade level: 11,12 / Prereq: B or better in Biology

Students will develop the skills necessary to identify, cultivate and study bacteria in the laboratory. The class includes a survey of the spread of infectious diseases by both viruses and bacteria. Students should expect to develop an understanding of infectious diseases and the prevention/control of its spread. An emphasis is placed on using the properties of infectious agents and problem solving skills to identify pathogens. Laboratory work is an important part of this course.

Anatomy and Physiology: Length: 36 weeks / Credit: 1.0 / Grade Level: 11,12

Prereq: B or higher in Biology, Chemistry (may be taken concurrently)

Students need to have a B+ or better in biology before they can take Anatomy and Physiology. This class is intended for students who plan on going to college for a life-science field. These students should also plan on taking full-year chemistry at some point in high school (concurrent or senior year). This laboratory-based class introduces students to the basic structural organization of the human body and the operation of selected body systems. The class emphasizes how the body functions normally and introduces the results of common diseases. Laboratory experiences include microscopic examination and analysis of tissues and dissection of organs. This class will especially benefit those interested in the medical field. Major organ systems studied include: integumentary, skeletal, muscular, nervous, digestive, respiratory, cardiovascular, endocrine, special senses, urinary, immune and reproductive.

AP Biology: Length: 36 weeks / Credit: 1.0 / Grade Level: 12

Prereq: B or Better in Biology, Chemistry, Anatomy / Physiology (can be taken concurrently)

This fast-paced course is meant to be similar to a college introductory biology class and will therefore be similar in content and delivery. Students will be expected to do many of the readings and work outside of class. The course will include far more content and depth than the sophomore general biology class. Enrollment in AP Biology should be based on previous excellent work in Biology and Chemistry. Topics covered will include: Anatomy and Physiology, Cellular Biology, Molecular Genetics, Ecology, Evolution, Plant Physiology, and the five kingdoms of living things. At the end of the course, students will have the option of taking the AP Exam (in addition to the classroom exam). A qualifying grade on the AP Exam will be accepted by many colleges and waive a first year college biology class. This class is intended only for students planning to pursue a career in healthcare, pharmaceuticals, agriculture, environmental science, or genetics.

Environmental Science: Length: 18 weeks / Credit: .5 credits / Grade Level: 11,12

Prereq: Biology or Chemistry

The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will learn to design and conduct investigations, analyze data, make conclusions, evaluate the quality of their results.

AP Environmental Science: Length: 36 weeks / Credit: 1 / Grade Level: 11, 12

Prereq: 2 years laboratory science, 1-year algebra

This year- long introductory laboratory course in environmental science, designed as the equivalent to a one-semester college course. The focus of this course is to provide students with laboratory and field experience enabling them to engage in advanced study of science topics. Interested students should possess an interest in environmental issues. Strong science process skills and a willingness to work in groups as well as independently are recommended. Course content emphasizes interrelationships of the natural world. Experiences will focus on current environmental problems, both natural and human-made (College Board). We will study environmental systems and attempt to pose solutions to current environmental issues such as conservation of resources, energy consumption, pollution, habitat destruction, threats to biodiversity and climate change. Students will learn to design and conduct investigations, analyze data, make conclusions, evaluate the quality of their results and propose further study. Topics include: Earth Systems, The Living World, Population, Land, Water and Energy Use, Global Change. Course activities may include but are not limited to collection and analysis of soil, water and air samples, car exhaust testing, aquatic species identification, ecological footprint assessment, and assessing the biodiversity of an ecosystem. Students taking the AP environmental science exam scoring a 3 or better may receive college credit, placement or both depending on the college. The course is intended for students interested in pursuing careers in agriculture, conservation, environmental health, waste management, forestry, civil engineering, zoology, biology, and many more.

Intro to Physics: Length: 18 weeks / Credit: .5 / Grade Level: 9,10,11,12 / prereq: none

The purpose of this course is to introduce students to the scientific investigation skills needed to study the physical world. The focus will be on linear motion, Newton's Laws, and conservation of energy with an emphasis on the Next Generation Science Standards (NGSS). The course is intended for students of all math backgrounds and good problem-solving skills.

Physics: Length: 36 weeks / Credit: 1.0 / Grade Level: 10, 11, 12 / prereq: Algebra I

This physics course uses the Science and Engineering Practices from the Next Generation Science Standards (NGSS) how the physical world works. The focus will be on problem solving through engineering, kinematics (motion), dynamics (forces), momentum, and energy with an emphasis on the . Students examine concepts by using data analysis, mathematical problem solving, and inquiry in order to solve problems and defend their conclusions.

Intro to Chemistry: Length: 18 weeks / Credit: .5 / Grade Level: 9,10,11,12 prereq: none

This course takes an environmental and social approach to the study of chemistry. Laboratory exercises provide the student with hands-on experience. The course utilizes real life issues to learn about basic chemical principles. Chemistry is a college prep course for students planning a science related career who have struggled with science or math. It is also an appropriate college prep course for students not seeking science related careers.

Chemistry: Length: 36 weeks / Credit: 1.0 / Grade Level: 10,11,12 / Pre-req: Algebra I

Chemistry is a course for mathematically-capable students interested in the investigation of matter and its properties. It contains lecture, demonstration, and hands-on laboratory components. The course will cover properties of matter, atomic theory, principles of bonding, chemical reactions, stoichiometry, and energy transfer. The course is fast-paced and is appropriate for students who are interested in preparing for a science-related major.

Advanced Chemistry: Length: 36 weeks / Credit: 1.0 / Grade Level: 10,11,12

Pre-req: 1 yr Chemistry B or better

Advanced chemistry is a lab-intensive, inquiry-based course for students interested in furthering their understanding of chemistry. The course will cover advanced stoichiometry concepts, thermochemistry, equilibrium, acid-base chemistry, and oxidation-reduction. The course requires work outside of the regular class period and is meant to prepare students for success in college-level chemistry classes.

Earth Science- Our Dynamic Earth: Length: 18 weeks / Credit: .5 / Gr Level: 11, 12

In this course, students learn about the history of life on Earth and the development of the geologic time scale. The course includes instruction on how to carry out scientific investigations both in the lab and in the field. Students explore Earth's terrestrial, atmospheric, and marine ecosystems and discover how human activities affect them. They analyze maps to describe geologic features and meteorological data. Content covers the properties of rocks and minerals, the theory of plate tectonics, the processes of weathering and erosion.

Earth Science- Weather and Climate: Length: 18 weeks/ Credit: .5/ Gr Level: 11, 12

Students in this course will develop knowledge about the interaction of energy and the Earth's atmosphere. Students will analyze weather models and study the factors that change weather and climate. an evidence-based forecast of the current rate of climate change in Earth's Systems.

Earth Science- Astronomy: Length: 18 Weeks / Credit: .5/ Grade Level: 11, 12

This course introduces students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students examine the life cycle of stars, the properties of planets, and the exploration of space.

SOCIAL STUDIES

Economics: Length: 18 weeks / Credit: .5 / Grade Level: 11, 12

Economics is the study of choices and decisions people make about how to use scarce resources. You are surrounded by economics every day and the intention of this course will be to allow you to better understand the individual, business, national and global decisions that are made economically. The course will be presented in two sections: a survey of microeconomics, which is the study of economic behavior of small units, such as households, individuals, individual markets and businesses and through a survey of macroeconomics, the study of behavior and decision making of the economy as a whole.

Honors Economics: Length: 18 weeks / Credit: .5 / Grade Level: 11, 12

Prereq: 3.4 G.P.A. or permission from the Social Studies Department

Honors Economics will be a more in-depth look at the choices people make about how to use scarce resources. The class will examine the topics outlined by the High School Content Expectations that were created by the Michigan state department of education. The class will include discussion, note taking, research projects, presentations and the examination of primary sources to make connections to current events that are taking place as they relate to the course material. This course will require a student to achieve the synthesis and evaluation levels of Bloom's Taxonomy.

US History: Length: 36 weeks / Credit: 1.0 / Grade Level 10 / Prereq: None

This course is a study of United States history from the Progressive Era (1890) to the present. The class will emphasize the use of an American History textbook, classroom notes, and various research sources. Students will be expected to take notes, do research papers and presentations, and complete readings and assignments from text.

AP US History: Length: 36 weeks / Credit 1.0 / Grade Level: 10 (11 and 12 with permission)

Prereq: 3.4 G.P.A. or permission from the Social Studies Department

In AP US History, we begin with Discovery and continue through our current age. Students take an oath in the first week to be “Apprentice-Historians” for the year, and this becomes the focus of our work: students don’t just learn the narrative, but make arguments about our past with the evidence they find along the way. This evidence takes many forms: a rich collection of primary sources, our textbook, other print secondary sources, documentaries, and interactive lectures. Students hone their skill set in their Historian’s Notebook, engage in both formal and informal debates, argue about the meaning of political cartoons, role play, write arguments, peer edit, construct timelines, and teach. The content students study, the skills they practice, and the assessments they take are all aligned to the Key Concepts, Historical Thinking Skills, and the AP Exam form found in the AP US History Framework. Students wishing to take AP US History *can* enroll as a sophomore, junior, or senior and can use this credit as a social studies elective or to replace their US History requirement. However, to fulfill the state-mandated US History requirement, sophomores will need to fill out an agreement.

Government: Length: 18 weeks / Credit: 1.0 / Grade Level 11, 12 (some exceptions may apply) / Prereq: None

The first nine weeks of this course will be a study in the fundamentals and structures of government including an in-depth study of the Constitution and Bill of Rights. The second nine weeks will be spent examining the executive, judicial, and legislative branches of the government. There will be many simulations and participatory activities during the course. Current Events will also be a major focus during the course. Opportunities for students to participate in several outside activities including the Model UN and Operation Bentley will be available.

AP Government and Politics- Length: 36 weeks / Credit: 1 / Grade level: 11 or 12 Prereq: Teacher approval & 3.0 cumulative GPA

AP Government and Politics is a rigorous college-level class with a curriculum established by the College Board to prepare students for the advanced placement examination and potential college credit in United States Government and Politics. In this course students will “acquire knowledge of government and politics including (1) facts, concepts, theories, (2) political processes and their consequences, (3) analyses and interpretations of data relevant to US government and politics.”

America at War: Length: 18 weeks / Credit: .5 / Grade Level: 9, 10, 11, 12 / Prereq: None

War! Beginning with current events, this class will move backwards through various wars the United States has been involved in. This class will study the style of warfare, battle strategies, weaponry, and personalities that make up American wars. Films, projects, presentations, discussions, interviews, and guest speakers will be used to make these conflicts come to life.

Parent/ Child Developmental Psychology: Length: 18 weeks / Credit: .5 / Grade Level: 10, 11, 12 / Prereq: Health

The general purpose of this course is to examine parenthood as an informed choice, the realities of parenthood, including physical, financial, social, and career adjustments. Students will study the physical development, emotional and social development, as well as the intellectual development of a child from conception to six years of age. Also included is selecting day care settings, toys and television programs, the realities of teen parenting, single parenting and blended families. This course is a basic foundation course for any student wanting to become a parent or pursue a career in education or working with children in any capacity.

Psychology: Length 18 weeks / Credit: .5 / Grade Level: 10, 11, 12 / Prereq: None

What does my handwriting say about me? What is my personality type? How does my personality impact how I learn and remember? Why do I get stressed out and how can I deal? My dreams mean something, but what? What are characteristics of schizophrenia, multiple personalities, depression, bipolar and other psychological disorders? This course will answer all of these questions and many more. The class focuses on student involvement and uses tests and projects for assessment.

AP Psychology: Length: 36 weeks / Credit: 1 / Grade level: 11 or 12 / Prereq: None

As stated by the AP College Board, “The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals” (College Board). This course affords the opportunity to study principles and ethics associated with the subfields of psychology, such as, yet not limited to, brain functions, dreams and consciousness, learning, memory, developmental stages, sensation and perception, and psychological disorders; AP psychology aims to provide a learning experience equivalent to a college introductory psychology course. The course includes a required MIDTERM Exam at the end of the first semester and the culmination of the course is assessed on the AP Exam.

Sociology: Length: 18 weeks / Credit: .5 / Grade Level: 11, 12

As people, we interact with others every day. However, does the way we socialize say something about our society? Sociology is an introduction to the concepts of human interaction with society. The course is taught through “The 7 Wonders of Sociology”, with topics such as the interaction of groups, deviance, cultural awareness, family structure and roles, the adolescent and adult roles in society, gender, sports and mass media. Students will be placed in groups in which they will focus their interaction. This course is aligned with the National Standards for High School Sociology revised in 2015.

World History and Geography: Length: 36 Weeks / Credit: 1.0 / Grade Level: 9

Beginning with a review of the nature of civilization and a survey of each major region of the world, its geography, and the civilizations that affect its cultures, World History and Geography then proceeds from 1000 A.D. through the present. Students work with maps to gain an understanding of global and regional geography. Primary source readings, simulations, discussion and other forms of differentiated instruction are used to provide a broader perspective of historical trends and their effect on contemporary issues. This course is designed to meet all of the State of Michigan High School Content Expectations for World History and Geography.

Michigan History: Length: 18 weeks / Credit: .5 / Grade Level: 9, 10, 11, 12 / Prereq: None

In this class we will investigate the history and geography of Michigan. Topics will include the Native Americans, French, and British in Michigan, the history of major industries, the rise of Detroit, the path to statehood, Michigan's role in various wars and the numerous individuals who played a role in the history of our State.

History of Rock & Roll: Length: 18 weeks / Credit: .5 / Grade Level: 9, 10, 11, 12 / Prereq: None

This course seeks to balance understanding the development and significance of Rock and Roll in its historical and social environment with maintaining a focus on listening to the music as the main mode of understanding. Through listening, analysis, discussion, music, and film students will explore the music and the culture and society of the day.

History Through Film: Length 18 weeks: / Credit .5 / Grade Level 10, 11, 12 / Prereq: None

This course will use film to approach significant problems in history. Students will be asked to rethink the relationships between “reality” and “representation” and to reconceptualize the boundaries between history and film. The course will be arranged around several themes and each week students will view a film and read corresponding texts centered on that theme of study. Because of the nature of the course and the amount of time that must be dedicated to screening the films, this class will be very different from a traditional highschool course. Students will need to minimize the number of days they miss and will be required to view films they missed outside of class. This requires students to be self-motivated learners, provide thoughtful individual critiques of the films and readings, and participate in weekly discussions.)

Practical Law: Length: 18 weeks / Credit: .5 / Grade Level: 9, 10, 11, 12 / Prereq: None

The purpose of practical law is to assist students in developing an understanding of the role and function of law in a democratic society. Included among the units of study in this course are basic governmental study, Constitutional rights, legislating, and an introduction to the legal system: criminal, civil, and the Supreme Court. While learning about the components of the legal system, students will begin to comprehend and demonstrate their understanding of concepts such as justice, tolerance, fairness, authority, responsibility, equity and diversity. Practical Law will include case study, two mock criminal trials, participation in group debate and discussion of legal issues and current controversies.

Quest: Length: 18 weeks / Credit: .5 / Grade Level: 9, 10, 11, 12 / Prereq: None

Skills for Living, the high school component of the Quest Program, attempts to sharpen student life skills in five overlapping areas: thinking, feeling, decision-making, communicating and action. Today's high school students are asked to make decisions in a much faster-paced society. The Quest class promotes the values of self-discipline, respect for others, compassion, good judgment, responsibility, honesty, family cohesion, trustworthiness, involvement, friendship, openness and liberty.

TECHNOLOGY

Computer/Robotic Programming Projects: Length 18 weeks / Credit: .5 / Grade level: 9, 10, 11, 12

Prereq: None

Students are introduced to basic programming to manipulate robotic movement to create a series of projects. These projects will be designed by students using computers, a laser cutter, a CNC router, 3D printers and VEX robotic equipment. Some of the projects will include building a small robot, custom laser cut boxes, led lit signs and cutting boards. Students will learn basic measurement skills, design software(SolidWorks), Robotic software(Robote), simple circuit construction, critical thinking and problem solving skills while producing some cool projects to take home.

WORLD LANGUAGE

It is a state of Michigan requirement to have two years of the same foreign language. When a student elects a foreign language course, it is expected that they will participate in the program for two years.

Spanish I: Length: 36 weeks / Credit: 1.0 / Grade level: 9, 10, 11, 12 / Prereq: None

Spanish I is designed to teach a student practical vocabulary and expressions to use in situations which surround his/her homeschool, social events, traveling, etc. He/she will listen, speak, read and write in the language. A study of customs, culture and geography of Spanish speaking countries will also be included

Spanish II Length: 36 weeks / Credit: 1.0 / Grade level: 10, 11, 12 / Prereq: Spanish I

Spanish II expands a student's oral and written comprehension of the language. He/she is actively participating almost daily in conversations, answering questions, skits and other oral assignments to develop fluency and increase vocabulary. The study of grammar, customs, culture and geography of Spanish-speaking countries is also continued in the second year.

Spanish III: Length: 36 weeks / Credit: 1.0 / Grade level: 11, 12 / Prereq: Spanish II

After a brief review of Spanish II, a third year student continues his/her studies with an emphasis on improving oral expression and comprehension skills. The course covers a wide variety of topics as the student reads short stories, Spanish periodicals and continues to study the culture of Spanish-speaking people. Not only does the student increase his/her vocabulary, but he/she also completes a formal study of grammar and verb tenses. The third year student works with his/her peers, the teacher, and also independently.

Spanish IV Length: 36 weeks / Credit: 1.0 / Grade level: 12 / Prereq: Spanish III

A Spanish IV student will review and practice all grammar and verb tenses learned in Spanish I-III and continue to build vocabulary. Students will concentrate on the structure of sentences, including idiomatic expressions. A study of culture will continue in literary readings. In addition, a fourth-year student should speak, translate, and write on familiar topics covered at this level. A fourth year student will work with his/her peers, teacher and independently. Students will focus on culture and conversation.