Pewamo-Westphalia Community Schools

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PWMHS - Course Offerings & Options for 11-12th Grade Students

11th Grade

Core Classes: Algebra 2 / Algebra 2 - T / Pre-Calculus, English 11, and Civics / Economics

Intervention Class Options: Life Skills 6-12, Math Lab 9-12

Optional Electives: Anatomy & Physiology, Art 9-12, Band 9-12, Chemistry (Honors), College Writing, Drafting 10-12, Forensics ^, Life Fitness 10-12, Multimedia 10-12, Photography / Graphic Design, Physics, Psychology of Fitness 10-12, Spanish 1-2-3-4-5, Stage Arts 9-12, TV / Film / Literature, Test Preparation, Woods 1, and Woods 2

College Board "Advanced Placement" Class Options: Biology ^, Computer Science Principles, Statistics, United States History ^

12th Grade

Core Classes: Pre-Calculus / Calculus *, English 12 / English Literature *

Mandated Non-Core Classes: Careers 12 and Personal Finance #

Intervention Class Options: Life Skills 6-12, Math Lab 9-12

Optional Electives: Anatomy & Physiology, Art 9, Band 9-12, Business Math, Chemistry (Honors), College Writing, Drafting 10-12, Forensics ^, Life Fitness 10-12, Multimedia 10-12, Photography / Graphic Design, Psychology of Fitness 10-12, Spanish 2-3-4-5, Stage Arts 9-12, TV / Film / Literature, Woods 1, and Woods 2

College Board "Advanced Placement" Class Options: Biology ^, Calculus, Computer Science Principles, English Literature, Psychology, Statistics, United States History

^ Offered Every Other Year # Must Take Before Graduation

Lansing Community College Dual Enrollment (DE) Options

High School Advantage (HSA) Courses *: Communications 120, English 121, English 122, Geography 221, Humanities 160, Sociology 120

Traditional Dual Enrollment Courses ^: See Lansing Community College's Course Catalog

** HSA Courses are Fully Funded and Free to Qualifying Students*

^ Traditional Dual Enrollment Courses are Partially Funded and Have a Cost to Students / Families

County Career & Technical Education (CTE) Options

Located at St Johns High School: Auto Services, CAD & Design Technology

Located at Clinton County RESA: Allied Health, Criminal Justice, Education - Early Childhood, Sports Medicine

Located at Dewitt High School: Business Management

Located at Eaton RESA: Aviation, Heavy Equipment

Located at Ionia County Career Center: Culinary Arts, Diesel Technology, Machine Tool, Plant & Animal Science

Located at Ovid-Elsie High School: Video & Audio Production, Welding

Transportation Provided by PWCS to Programs Located at SJHS and CC RESA

On-Campus Course Descriptions and Links for Upperclassmen

Algebra 2 Syllabus State Standards

Algebra 2 serves as the bridge between foundational algebraic concepts presented in Algebra 1 and the advanced world of Pre-Calculus and statistics. The curriculum begins with an intensive exploration of advanced functions and relations, where students move beyond simple lines to analyze the behavior, transformations, and intersections of polynomial, rational, radical, exponential, and logarithmic equations. This study expands into the system of complex numbers, introducing imaginary units to solve quadratic equations that lack real-number solutions. Students then apply these concepts through modeling and regression, using real-world data sets to predict trends and understand growth patterns. The course further bridges into trigonometry by introducing the unit circle and periodic functions, while simultaneously building a foundation in probability and statistics through the analysis of data distributions and statistical inference. Students will demonstrate their knowledge with homework, practice assessment questions, tests, quizzes, and exams. Prerequisite Algebra 1.

Algebra 2 - Transitions Syllabus State Standards

In this course, students will learn numerous topics including recognizing and developing patterns using tables, graphs, and equations as well exploring operations on algebraic expressions and applying mathematical properties to algebraic equations. Students will also solve problems using equations, graphs and tables to investigate linear and non-linear relationships. Students will be expected to demonstrate knowledge through homework, quizzes, tests, and midterm/semester exams. Students will receive Algebra 2 credit for completion of this course.

American Sign Language I Syllabus State Standards

Everyday communication is the centerpiece of every lesson within American Sign Language I. Using the Signing Naturally curriculum, students will learn vocabulary and sentence structure that revolves around sharing information about our environment and ourselves. Grammar is

introduced in context, with an emphasis on developing question and answering skills. Specific strategies are learned to help you maintain a meaningful conversation with a deaf individual. The coursework centers on the exchange of personal and environmental information, teaching students how to introduce oneself, discuss their surroundings, and share personal narratives through frequent, low-stakes opportunities to rehearse real-world scenarios, build visual-spatial awareness, and cultivate the attentiveness required for fluency within the Deaf community.

American Sign Language II Syllabus State Standards

Building on the foundation established in ASL I, this course continues to utilize the Signing Naturally curriculum to transition students from basic comprehension to functional fluency. While the first level focuses on basic expressive and receptive recognition, ASL II shifts from isolated vocabulary to contextual communication, emphasizing the cultural nuances and grammatical structures essential for natural interaction with the Deaf community. Students will move beyond literal translation and develop the mindset of a native signer by focusing on the entire message rather than individual signs to grasp the "big picture." This development includes processing intent by applying Non-Manual Markers (facial expressions) and spatial agreement more fluidly to convey grammatical concepts, while also utilizing active clarification to confirm information by asking questions to bridge gaps in understanding. To mirror the linguistic environment of the Deaf community, "voices off" policies will be observed to maximize visual learning and cognitive adaptation.

Anatomy & Physiology Syllabus State Standards

Covers the basics of human anatomy and physiology including anatomical terminology, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic / immune, respiratory, and digestive systems. Introduces common human disease processes. The course prepares anyone interested in medical or health professions to take advanced life science courses. A variety of assessments will be used to evaluate students including but not limited to dissections, drawings, posters, presentations and written work. Prerequisite Biology

Art (Draw, Paint, Sculpt, Studio Art A, Studio Art B) 9-12

State Standards

Drawing Syllabus Painting Syllabus Sculpture Syllabus Studio A Studio B

Students enrolled in “Drawing” will learn the fundamentals of drawing using a variety of dry media - including graphite pencils, chalk pastels, oil crayons, charcoal, and PrismaColor pencils. Wet media, such as markers, ink, and watercolor, will sometimes be incorporated as well. Several drawing styles will be explored - including realistic rendering, sketching, crosshatch, stippling, and block shading. Those enrolled in “Painting” will learn the fundamentals of painting, using a variety of wet media - including acrylic paint, tempera paint, watercolors, ink, and oil crayons mixed with Turpenoid Natural. Students will gain an in-depth understanding of color theory concepts, including color mixing, color harmony, and atmospheric perspective. Those enrolled in “Sculpture” will learn the fundamentals of three-dimensional design and structure. A variety of materials will be used to construct projects - including plastic, cardboard, wood, paper, wire, plaster, paper mache, found objects, modeling clay, and various other

materials. Students will also learn the technique of throwing clay on a potter's wheel as well as hand-building clay sculptures.

Band 9-12 Syllabus State Standards

High school band focuses on ensemble skills and general performance. Students participate in both concert and marching band throughout the school year. They may also participate in our before- school (extracurricular) jazz band. As a co-curricular activity, Band 9-12 students are expected to attend relevant rehearsals and events outside the normal school day - including band camp and night rehearsals through the summer.

Business Math Syllabus State Standards

In this course, students will learn numerous topics including recognizing and developing patterns using tables, graphs, and equations as well exploring operations on algebraic expressions and applying mathematical properties to algebraic equations. Coursework encompasses essential topics such as personal finance, basic accounting principles, statistical data analysis, taxation, payroll, and interest calculations. By focusing on these functional applications, the class equips students with the quantitative problem-solving skills necessary for everyday life and consumer financial literacy. Students will be expected to demonstrate knowledge through homework, quizzes, tests, and midterm/semester exams.

Careers 12 Syllabus State Standards

Careers 12 is a required, full year course for all seniors. The class focuses on preparing students for college and / or the workforce. Students continue to explore all options regarding their future. Goal setting, prioritizing, comparing and analyzing alternatives regarding education and work choices are emphasized. Students will complete college applications and scholarships. Public speaking, resume building, and interviewing skills are a main focus. Students will also investigate budgeting and saving for the future.

Chemistry (Honors) Syllabus State Standards

Honors Chemistry provides students with a foundation to support future advanced coursework in the sciences. Through inquiry based learning, discussion, and small group work, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Prerequisite Biology

Civics Syllabus State Standards

In this course, students will explore the origins of the American democratic system while looking at how the Constitution embodies the values and purposes set up by the Founding Fathers. The structure and function of the government will be analyzed on a national, state, and local level while showing how each level is interrelated. The class will also discuss how constitutional values relate to other nations and world affairs. Throughout the course, students will focus on how people play an active role in government and the importance of citizen contributions to society.

College Writing Syllabus State Standards

In this course, students will practice flexibility in writing by constructing essays that address multiple tasks, audiences, and purposes. Students will be exposed to Reflective, Informational, Research, Analytical, and Argumentative writing in order to prepare for the demands of college level expectations. Students will become familiar with both MLA and APA formatting throughout the semester. The class will also gain experience with the writing process in the form of research proposals, essay outlines, annotated bibliographies, rough drafts, peer editing / revising, and student-teacher conferencing. As a final project, students are asked to construct a researched argumentative essay that includes conducting and analyzing their own research as well as citing research from credible sources. Students will submit a final essay and share their research in a presentation to their peers.

Drafting 10-12 Syllabus State Standards

Mechanical Drafting is a semester-long course that introduces students to the fundamentals of technical drawing and design through a combination of traditional board drafting and modern CAD (Computer-Aided Design) software, with the course evenly split between manual and digital work. Students develop skills in creating precise drawings using drafting tools, navigating CAD programs such as AutoCAD or Fusion 360, and applying industry-standard practices to produce multiview and sectional drawings with proper dimensioning. The course also builds an understanding of basic mechanical components and assemblies while emphasizing clear visual communication using standard drafting conventions. Students are expected to maintain clean, accurate work, follow ANSI/ISO standards, use class time effectively, and participate in critiques and revisions, preparing them with essential skills for technical and engineering-related fields.

Architectural Drafting is a semester-long course that focuses on the fundamentals of residential design through both traditional board drafting and modern CAD software, with equal emphasis on manual and digital techniques. Students learn to create accurate architectural drawings, including floor plans, elevations, and sections, while applying proper dimensioning, scaling, and industry-standard conventions. The course develops an understanding of basic residential design concepts and building components, while strengthening students' ability to clearly communicate architectural ideas. Students are expected to produce neat, accurate, and properly scaled drawings, stay organized and prepared, use class time productively, and participate in critiques and revisions. Emphasis is also placed on responsibility in using tools, equipment, and technology, helping students build both technical drafting skills and professional work habits.

Economics/Personal Finance Syllabus State Standards

In this course, students will be introduced to basic economic principles and current economic issues with a focus on the American economy. The class will examine components of the American economy, such as price, competition, business, and banking institutions. Students will

also examine issues related to the economy as a whole through employment and labor issues, the role of the government in the economy, and selected topics on global economics.

English 11 Syllabus State Standards

English 11 will focus on developing students' skills in reading, writing, and research in an effort to prepare students for the rigors of college and career life. Using the framework of the Common Core State Standards, English 11 will practice the skills of close reading, research-based writing, textual analysis, and rhetorical analysis in an effort to enrich students' understanding of our cultural and historical past and their ability to communicate that understanding across media, with an emphasis on written communication and public speaking. English 11 students are required to read *Lord of the Flies, Hamlet*, and *The Great Gatsby* as well as a variety of poems, short stories, and articles to ensure that students are able to build connections across a variety of disciplines.

English 12 Syllabus State Standards

The goal of this course is to examine a number of themes in literature through the study of various novels, short stories, informational texts, and poetry. We will focus on strengthening reading comprehension and theme analysis skills, as well as improving writing skills through free writes, essays, and formal writing assignments. A considerable amount of time will be spent improving students' skills as writers and preparing you for the academic rigors you will encounter next year as a freshman in college.

Forensics Syllabus State Standards

Forensic Science is the application of science to matters of law. This course will introduce students to the procedures used by forensic scientists in the criminal justice system. Topics will include processing crime scenes, handling of physical evidence, microscopic identification of hairs, fibers and paint, fingerprints, blood analysis (including math of blood drops), impression evidence, DNA technology and its uses, and forensic science on the internet. Students will also use all the knowledge they gained throughout the year to write a crime drama story.

Life Fitness 10-12 Syllabus State Standards

Life Fitness is a high-energy course designed to unlock your physical potential by focusing on the core pillars of strength, explosiveness, and consistent effort. You will dive deep into movement mechanics and performance training to become a more capable, powerful version of yourself. Through regular testing in sprinting, jumping, and lifting, we track your progress and analyze your unique athletic profile to help you reach your peak.

Life Skills 6-12 Syllabus and State Standards

Students with an IEP will develop the practical skills they will need outside the classroom, such as choice making, collaboration, communication, good citizenship, rights and responsibilities, daily living, problem solving, social skills, job skills, banking, time, money, and everyday math needed for adult living. These skills will further assist them in their everyday adult lives both at home, in the workplace, and out in the community.

LINKS Syllabus Informational Video

In this course, a student is paired up with another student with a disability in order to help them increase their social skills, confidence, organization, and comfort in the classroom. Students are expected to go with their student to class and help them to facilitate conversations with their classmates and teacher, as well as to aid them with any questions they may have in regards to the coursework. For class requirements, students are expected to complete weekly online modules, fill out a daily log, come to monthly case conference meetings, and do semester projects.

Multimedia Syllabus State Standards

The focus of this course is to equip students with essential technological tools and skills for creating various images, videos, and other digital publications. Students will learn to control DSLR cameras manually and basic camera composition. Topics include photography, cinematography, lighting, video editing, and photo editing. Student creations will be posted online and submitted to film festivals and competitions.

Personal Finance Syllabus State Standards

This course covers all of the essential personal finance topics necessary to become a financially capable student. Topics include banking, credit, budgeting, investing, taxes, insurance, career planning and more. By the end of this course, students will have a thorough understanding of personal finance topics and be prepared to handle the financial responsibilities that exist after graduation.

Psychology of Fitness 10-12 Syllabus State Standards

This course is designed for the individual who has the desire to learn basic principles and techniques in the weight room. Emphasis will be on effective strength training, conditioning, and a basic to advanced information on an understanding of nutrition, brain health, sports medicine, sports psychology and the anatomy of an individual during exercise/training. Major components are: endurance and speed training, flexibility, balance, as well as strength and power training. Only students with a strong desire to train should take this course. Records of individual lifts, fitness testing, and goals will be taken on a daily, weekly, and semester basis. Students will be graded on a continued progression of lifting and instructor established fitness level objectives. Students will learn about various exercise routines based primarily on their goals, muscular and body types, as well as life-long exercise practices. Students must dress every day and participate to the best of their ability.

Photography / Graphic Design Syllabus State Standards

This course focuses on the basics of photography, including building and understanding of aperture, shutter speed, lighting and composition. Students will use professional equipment but will also learn about smartphone camera operation. Students will build a portfolio of images and design graphics, logos and print layouts.

Physics Syllabus State Standards

Physics is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; light and introductory electrical circuits. This course is designed to enable

students to develop the ability to reason about physical phenomena using important science process skills such as explaining causal relationships, applying and justifying the use of math, designing experiments, analyzing data, and making connections and predictions. Solid math skills through Geometry are required to be successful in Physics. This course will be useful for students intending to major in a science related field in college.

Pre-Calculus Syllabus State Standards

This course is considered a "flipped" class, meaning students will learn via video lectures outside of class and then use class time to work on homework with teacher support. In this course, students will learn numerous topics including many concepts previously covered in Algebra 2 along with trigonometry, vectors, elementary statistics and matrices. Students will also solve problems using equations, graphs and tables to investigate advanced mathematical relationships. Students will be expected to demonstrate knowledge through homework, quizzes, tests, and semester assessments.

Spanish 1 Syllabus State Standards

Students will become familiar with the language, culture and social norms of the Spanish language. They will become proficient in several tenses including: present, present progressive, near future, near past, imperfect and imperfect progressive. Students will be able to articulate their thoughts both orally and in written form. They will be actively working on improving their pronunciation and imitating the natural pacing of Spanish in order to sound more fluid in their speech. They will learn about the different aspects of culture and its effect on the Spanish language as well as being exposed to culturally-relevant and authentic speech.

Spanish 2 Syllabus State Standards

Students will continue to familiarize themselves with several aspects of the language, culture and social norms of Spanish. They will become proficient in several tenses including: present, present progressive, near future, near past, imperfect, imperfect progressive, preterite, future, past perfect, conditional perfect, and future perfect tenses. They will continue to master previously taught grammatical concepts while developing new ones. They will be continuously working on improving their pronunciation of the language as well as imitating the natural pacing of Spanish in order to sound more fluid in their speech. There will be a strong focus on producing vibrating and plosive sounds with accuracy and identifying auditory input with accuracy. They will continue to learn about the different aspects of culture and its effect on the Spanish language as well as being exposed to culturally relevant speech.

Spanish 3 Syllabus State Standards

Students will become proficient in several tenses including: present, present progressive, near future, near past, imperfect, imperfect progressive, past perfect, future and preterite tenses as well as the subjunctive mood. Students will be able to articulate their thoughts both orally and in written form. They will continue to master previously learned grammatical concepts as well as working on improving their pronunciation and imitating the natural pacing of Spanish in order to sound more fluid in their speech. They will learn about the different aspects of culture and its

effect on the Spanish language as well as being exposed to culturally relevant and authentic speech.

Spanish 4 & 5 Syllabus State Standards

Students will become proficient in several tenses including: present, present progressive, near future, near past, imperfect, imperfect progressive, past perfect, future and preterite tenses as well as the subjunctive mood. Students will be able to articulate their thoughts both orally and in written form. They will continue to master previously learned grammatical concepts as well as working on improving their pronunciation and imitating the natural pacing of Spanish in order to sound more fluid in their speech. They will learn about the different aspects of culture and its effect on the Spanish language as well as being exposed to culturally relevant and authentic speech.

Stage Arts 9-12 Syllabus State Standards

Our PWMHS Theater and Stage Arts programming has been around for decades – putting on amazing large ensemble performances throughout the years such as *Oklahoma* (1992-93), *Grease* (2001-02), *High School Musical* (2014-15), and *Shrek* (2024-25). With both middle school and high school components, this platform offers students the opportunity to take classes that teach acting, singing, and dancing, show off their artistic side within our stage crew (set / prop design and construction), and learn how to operate advanced equipment as a member of the tech team. This course includes at least two required evening productions per year.

Television / Film / Literature **Syllabus** State Standards

The purpose of this course is to explore the effects of literature on television and film… and vice-versa. Students will examine the importance of reading and writing as it applies to television and film. Students will work in large groups, small groups, partners, and individually in order to complete coursework. The course will include readings from news articles, blogs, poems, and young adult literature, in combination with viewing segments of tv shows, interviews, advertisements, feature films, and documentaries. The course will be taught in several units, which are designed to allow exploration of the different facets of television, film, and literature.

Test Preparation Syllabus More Information

This course will deal with developing test-taking habits that will assist students with the SAT and the MME. The class will involve study skills, reading strategies, practice tests, online activities, and an SAT question of the day. Students will use KHAN Academy for a portion of this class. In this section of the class, students will also develop their reasoning and thinking skills for reading, using, and creating graphs and charts.

Woods 1 Syllabus State Standards

Woods I at is an introductory, lab-based woodworking course designed to teach students the fundamental skills needed to work safely and effectively in a shop environment. Students learn essential topics such as safety procedures, tool identification, proper use of tools, measurement, wood identification, joints, finishing techniques, and basic project design, including cabinet construction. They demonstrate their understanding through hands-on projects, written

assignments and tests, and verbal assessments, with daily points awarded for effort and participation and progress updated weekly. Students are expected to come prepared with basic materials, consistently wear eye protection in the shop, and follow strict safety rules at all times. The course emphasizes respect, responsibility, and maintaining a clean workspace, while encouraging a positive attitude and strong work ethic to ensure a safe and productive learning environment.

Woods 2 Syllabus State Standards

Woods II is an advanced, lab-based woodworking course that builds on the foundational skills learned in Woods I, including safety, tool identification, finishing, and basic construction. In this course, students expand their abilities in project design, cabinet construction, and the proper use of woodworking tools while following detailed plans to create completed projects. Learning is demonstrated through hands-on work, written assignments and tests, and verbal assessments, with an emphasis on daily effort, participation, and a strong work ethic. Students are expected to come prepared with basic materials, consistently follow strict shop safety rules (including wearing eye protection), and maintain a clean and respectful workspace. The course also offers opportunities for leadership, such as organizing activities and promoting the program, as well as potential field trips to connect with industry professionals. Overall, Woods II focuses on developing advanced technical skills, responsibility, and real-world experience in woodworking while reinforcing safe and productive work habits.

Advanced Placement Course Descriptions and Links

Biology (AP) Syllabus State Standards

Offered every other year, Advanced Placement Biology is an introductory college-level life science course. Students cultivate their understanding of biology through inquiry-based investigations and online work as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. Designed for students desiring to explore the biological field in college and beyond, this course is equivalent to a two-semester college introductory course for Biology majors. Students should have successfully completed Biology 10 and Chemistry as prerequisites.

Calculus (AP) Syllabus State Standards

This course is designed as a college level calculus course, with the goal of helping students earn credit on the College Board certified AP Calculus exam in the spring. Students will learn the concepts of limits, continuity, derivatives, antiderivatives, areas and volumes. Students will demonstrate their knowledge with homework, practice (Advanced Placement) assessment questions, tests, quizzes, and exams.

Comp Science Principles (AP) Syllabus State Standards

Advanced Placement Computer Science Principles introduces students to the foundational concepts of computer science and challenges students to explore how computing and technology

can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing. Unlike all other Advanced Placement courses, students will create a java based programming project to submit to College Board in addition to the final exam.

English Literature (AP) Syllabus State Standards

Our Advanced Placement English Literature and Composition course will engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will be able to deepen their understanding of the ways writers use language to create meaning. Students will also learn to consider a work's structure, style, and themes, as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone… all in preparation for the Advanced Placement assessment.

Psychology (AP) Syllabus State Standards

This course is designed as a college level psychology course, with the goal of helping students earn credit on the College Board certified Advanced Placement Psychology exam in the spring. Topics include research design, motivation and emotion, biological bases, sensation and perception, States of consciousness, abnormal psychology, treatments of disorders and social psychology are also subjects of study. Students will demonstrate their knowledge with homework, practice (Advanced Placement) assessment questions, tests, quizzes, and exams.

Statistics (AP) Syllabus State Standards

This course is designed as a college level statistics course, with the goal of helping students earn credit on the College Board certified Advanced Placement Statistics examination each Spring. The class will learn how to describe patterns and departures from patterns, plan and conduct a study from sampling and experimentation, explore random phenomena using probability and simulation, estimate population parameters, and test hypotheses via inference. Students will demonstrate their knowledge with homework, practice (Advanced Placement) assessment questions, tests, quizzes, and exams. Prerequisite Algebra 2

United States History (AP) Syllabus State Standards

This class investigates significant events, individuals, developments, and processes in nine historical periods from approximately 1491- present. Students will develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes to explore in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

Off-Campus Course Descriptions and Links for Upperclassmen

Allied Health CC RESA Information

Allied Health is designed for students who are curious about how the body works and passionate about helping others. In this program, students explore the foundations of health care—from medical terminology and anatomy to patient care, CPR, and safety practices. Whether you're interested in nursing, physical therapy, medical research, or another health-related field, Allied Health provides the knowledge and hands-on experience to prepare you for a future in health care. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Auto Services CC RESA Information

Auto Services is the perfect program for students who love working with their hands, solving problems, and understanding how vehicles work. Students spend most of their time in the shop learning real-world skills like brake repair, engine performance, suspension, and electrical systems, along with an introduction to electric vehicles. Over two years, students can earn multiple Automotive Service Excellence (ASE) entry-level certifications, preparing them for jobs in tire shops, oil change stations, or dealerships—or giving them a head start in college automotive programs. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Aviation Eaton RESA Information

The aviation industry is facing an unprecedented shortage of pilots, with an estimated 600,000 new pilots needed over the next 20 years. This great demand makes aviation a highly sought-after industry with great growth potential.

Eaton RESA, in partnership with the Capital Region International Airport, offers high school juniors and seniors in all school districts and academies in Eaton, Ingham, and Clinton counties the unique opportunity to learn about careers in aviation, take part in classroom lessons, and utilize flight simulators to learn the basics of flight, plane management and ground school. In addition, as school districts are not permitted to provide air flight instruction, students will be connected to flight school partners if they choose to begin flying lessons and work toward earning a pilot's license. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Business Management CC RESA Information

Entrepreneurship is all about creativity, leadership, and turning ideas into action. In this program, students explore what it takes to start and run a business while gaining real-world experience managing the class café and print shop. Through hands-on learning and online coursework, students develop skills in business planning, marketing, and financial management—all while creating and pitching a business idea of their own. It's the perfect choice for anyone who dreams of being their own boss or launching a business in the future. *Can count as 2nd year of foreign language and senior year/ 4th year of Math.*

CAD & Design Technology CC RESA Information

CAD and Design Technology is perfect for students who enjoy creating, designing, and bringing ideas to life. This project-based program blends creativity with technical skill, offering hands-on experience in engineering design and architecture. Students can choose to focus on engineering—learning 2D and 3D CAD software, 3D printing, and product design—or architecture, where they'll design blueprints, models, and presentation drawings for homes and buildings. Whether your goal is to design the next big product or shape the spaces we live in, CAD and Design Technology provides the tools to make your ideas real. *Can count as 2nd year of foreign language and senior year/ 4th year of Math.*

Computer Networking & Tech CC RESA Information

Computer Networking & Technology is ideal for students interested in how computers, networks, and cybersecurity systems work. This hands-on program introduces the fundamentals of operating systems, hardware, and network security, including topics like cryptography, web security, and defending against cyberattacks. Students gain real-world experience installing and securing systems, troubleshooting devices, and managing computer networks. Along the way, they connect with professionals in the cybersecurity field and can earn industry-recognized certifications such as CompTIA ITF+, A+, and Network+. *Can count as 2nd year of foreign language and senior year/ 4th year of Math.*

Construction Trades CC RESA Information

Construction Trades offers students hands-on experience both in the lab and in the field, making it an excellent choice for those who enjoy working with their hands, building projects, and spending time outdoors. Throughout the program, students gain real-world experience in every stage of residential construction—from obtaining permits and laying foundations to framing walls, installing electrical and plumbing systems, and completing interior and exterior finishes. By the end of the course, students demonstrate proficiency in core building procedures and practices, preparing them for future work in the skilled trades or further education in construction and related fields. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Criminal Justice CC RESA Information

If you're interested in law, law enforcement, or the justice system, the Criminal Justice program is a great fit. Students begin by exploring the key components of the criminal justice system - courts, corrections, and law enforcement - while learning about its history, administration, and guiding philosophies. The course also covers community-based corrections, including sentencing, probation, parole, and imprisonment, as well as the fundamentals of criminal investigation and rules of evidence through real-world case studies. Beyond classroom learning, students gain hands-on experience through field visits and training with local agencies and earn their first aid certification as part of the program. *Can count as 2nd year of foreign language and senior year/ 4th year of Math.*

Culinary Arts ICCC Information

Culinary Arts is designed to acclimate students to the fast-paced restaurant industry by following the National Restaurant Association Pro-Start curriculum. Students in Culinary Arts will perform

a variety of tasks to maintain operations and promote guest services. In addition, students learn about: food and beverage production, nutritional values, proper cooking methods, and sanitation. Running the Class Act Restaurant offers students the opportunity to research costs, utilize a modern Point of Sale (POS) system, understand the importance of health, safety, organizational performance and regulatory compliance. Students complete lessons in Rouxbe, a specialized online Culinary curriculum. Students in Culinary Arts have the opportunity to obtain the National Serv-Safe Certification, which may help them gain employment. Second year students will be mentors in the program, expand upon their first year knowledge and have opportunities to obtain further industry certifications related to the culinary field. *Can count as 2nd year of foreign language and senior year/ 4th year of Math*

Diesel Technology ICCC Information

Diesel Technology is designed for students to work with large scale equipment such as agricultural, material handling, and highway equipment. Students work in the classroom learning about the various diesel engines and components. The lab provides students with the opportunity to get hands-on experience with diesel engines and heavy duty equipment. Students will perform the following duties: servicing, maintaining, repairing, inspecting, cleaning, dismantling engines and electrical systems, inspection, repair and maintenance of hydraulics systems, diagnosing of internal combustion engines, electrical components, transmissions, and heavy-duty brakes and suspension. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Education - Early Childhood CC RESA Information

Early Childhood Education is more than preparing for a career in teaching—it's the foundation for anyone interested in working with people. This program helps students understand how children grow, learn, and develop, which is valuable in more than 100 career fields, from education and childcare to medicine, therapy, social work, and even law. Students learn about child development, positive guidance, and effective communication with children, gaining skills that translate to many professions. Whether your future involves classrooms, clinics, or community work, Early Childhood Education provides a strong start. *Can count as 2nd year of foreign language and senior year/ 4th year of Math.*

Heavy Equipment Eaton RESA Information

This program is offered to juniors and seniors. It provides students with an orientation to the heavy equipment industry including heavy equipment safety, equipment maintenance and basic operation techniques. This is a unique opportunity for you to be trained at AIS Construction Equipment Corporation. AIS is one of the premier heavy equipment sales and services dealers in Michigan. All students will be exposed to the operation of heavy equipment as it relates to underground construction. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Machine Tool ICCC Information

Machine Tool is designed to expose students to state of the art industrial equipment. Students learn functions and capabilities of lathes, drill presses, milling machines, grinders, cut-off saws, Computer Aided Drafting, and radial drills. Computer controlled milling and manufacturing

processes are taught using the latest technology in the machine industry. Second year students prove mastery of the machines and techniques used to make an advanced project. Students may earn Algebra II credit in this class through successful completion of curriculum in addition to the state mandated math curriculum. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Plant & Animal Science ICCC Information

The Plant & Animal Science program will prepare students for careers or further study in the areas of horticulture and animal science. Areas of study include: sustainable agriculture, agri-business, horticulture, greenhouse systems, environmental science, as well as, animal anatomy/physiology, nutrition, reproduction, and health. Students will raise poinsettias, Easter lilies, annual bedding plants, chickens, pheasants, cattle, pigs, salmon and/or tilapia. Upon completion of the program, students will have a basic awareness of agriculture and animal science and will know how the diversity of products in agriculture leads to future opportunities in the field. All students participate in the Ionia County FFA Chapter and will have opportunities to compete at local, state and national levels. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Sports Medicine CC RESA Information

Sports Medicine is designed for students interested in careers that combine health, fitness, and helping others recover from injury. This program explores kinesiology, exercise science, injury prevention, rehabilitation, nutrition, and healthy living - all essential parts of the sports medicine field. Students also gain insight into the healthcare environment, learning about ethics, teamwork, and career opportunities. With hands-on experiences, real-world practice, and job shadowing opportunities with local professionals, this course provides a strong foundation for future studies and careers in sports medicine and related health fields. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Video & Audio Production CC RESA Information

Video and Audio Production is a creative, hands-on program for students interested in storytelling through media. In this course, students gain experience in every aspect of production - from scriptwriting, filming, and directing to editing and special effects. Working in a studio and in the field, they create newscasts, short films, music videos, and commercials while exploring roles such as reporter, producer, and videographer. The audio component dives into podcasting, sound design, and music production, teaching students to create and mix professional-quality audio. Finally, students learn how to bring it all together through digital media production, mastering techniques for streaming and sharing their work online. *Can count as 2nd year of foreign language and senior year/ 4th year of Math.*

Welding CC RESA Information

Career Connections Welding gives students hands-on experience in one of the most in-demand skilled trades. In this program, students learn key welding techniques—including SMAW (stick), GMAW (MIG), GTAW (TIG), PAC, and Oxy/Fuel—along with fabrication and blueprint reading to meet industry standards. Using modern equipment and materials such as steel, aluminum, stainless steel, and cast iron, students practice real-world welding applications and can advance

to pipe welding procedures. With strong job placement opportunities and high earning potential, this program prepares students for immediate employment or further training in the welding and fabrication industry. *Can count as 3rd year of science, 2nd year of foreign language and senior year/ 4th year of Math.*

Dual Enrollment Options

Michigan's dual enrollment law, primarily Public Act 160 of 1996 (the Postsecondary Enrollment Options Act) and Public Act 258 of 2000, allows high school students to earn college credits at public or private colleges and universities, with school districts obligated to pay tuition and fees for eligible courses. The law requires school districts to provide information on dual enrollment opportunities and allows districts to support students beyond the minimum requirements, but eligibility is restricted to courses that satisfy degree requirements and are not hobby-based. Students / Families can learn more about Michigan's Dual Enrollment opportunities by **CLICKING HERE**.

Communications (HSA, COMM 120)) **Prerequisite(s):** None

This course is a survey of communication theories and concepts related to interpersonal, small group, public speaking, mediated communication, and could include topics in mass and social media, etc. Students will learn about media and channels used to interact, the influence of technology on those channels, and sociological, psychological, and practical applications of the communication discipline.

Placement Scores: *Reading Level 5/ Writing Level 6 (480 Reading Score on any PSAT or SAT)*

English 121 (HSA, ENGL 121) **Prerequisite(s):** None

Composition I is the study and practice of expository discourse to help students write more effectively. It emphasizes critical thinking, academic source materials, writing processes, content development, structure, style, database research, and documentation. Prerequisite Courses: None

Placement Scores: *Reading Level 5/ Writing Level 6 (480 Reading Score on any PSAT or SAT)*

English 122 (HSA, ENGL 122) **Prerequisite(s):** English 121

This course builds upon the writing skills developed in English 121 to help students write argumentative essays which use logical support and appropriate documentation. The course develops analytical skills in reading, writing, and research techniques. Students learn about the development, structure, and style of academic research.

Placement Scores: *Minimum 2.0 in English 121*

Geography (HSA, GEOG 221) **Prerequisite(s):** None

Emphasizes landforms, flora and fauna, weather and climatic elements, land forms, mass wasting, hydrology, and soils. Offers an extensive study of these forces and phenomena through

lecture and laboratory exercises. This study notes the environmental and ecological interrelationships between flora and fauna, and between the physical world and human society.

Placement Scores: *Reading Level 5, Writing Level 6, and Math Level 4 (480 Reading Score and 400 Math Score on any PSAT or SAT)*

Mythology (HSA, HUMS 221) **Prerequisite(s):** None

Students will analyze a variety of mythological works, in text and other forms, from multiple regions of the world, such as Africa, the Americas, Asia, and Europe. Students will apply knowledge of the Hero's Journey and the basic functions of myth to enhance their appreciation of primary sources, individually and culturally.

Placement Scores: *Reading Level 5/ Writing Level 6 (480 Reading Score on any PSAT or SAT)*

Sociology (HSA, SOCL 120) **Prerequisite(s):** None

A survey of major theoretical perspectives, concepts, and methods of sociology. Emphasis is placed on societal transformation, social organization, culture, cultural diversity, socialization, social stratification, social institutions, and social change within a global context.

Placement Scores: *Reading Level 5 (480 Reading Score on any PSAT or SAT)*

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