



Mentor High School

**Program of Studies
Grades 9-12**

2025-2026

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Mentor High School Program of Studies

Introduction

Purpose

Our Program of Studies has been designed to provide guidance to students and parents in selecting classes; clarify academic expectations, prerequisite courses, and graduation requirements; and provide a master list of current course offerings.

Introduction

The Program of Studies has been compiled through the cooperative efforts of teachers, school counselors, and administrators guided by Ohio' Learning Standards and graduation requirements , Mentor Exempted Village School Board Policy, and professional educators with special knowledge of current curriculum practices.

The purpose of school is learning. Learning means growth in new areas of knowledge, skills, or attitudes. Students must challenge themselves to a coursework level that allows them to grow and learn. The selection of too difficult a program may result in frustration and failure; too easy a program may result in a lackadaisical attitude, reduced achievement, and a failure to reach one's maximum potential. One of our district's vision statements is to prepare our students for the 21st Century and beyond. Courses are designed to do that and to give our students the foundation they need to be successful.

Materials and Supplies

Some courses require students to purchase supplementary materials. A list of these courses, the required materials, and their costs will be provided by the classroom teacher and available to students on the first day of class or earlier. Courses requiring fees are listed in this document. Students who, for financial reasons, cannot pay the scheduled fee should contact the building principals.

Drop and Add Requirements

Students must take a minimum number of courses each year. This “minimum course load” includes both required courses and elective courses. With the guidance of parents and school counselors, students select these courses during the registration period. In addition to the required courses, students have an opportunity to select whatever elective courses they wish. The Program of Studies Booklet is the students’ and parents’ guide for making these selections.

During the time between registration and the end of the school year, students and parents may discuss and request changes in these courses. After the close of the school year, **NO** courses will be dropped or moved from a student’s schedule at any time unless **1) a technical error was made in the process of scheduling the student’s requests, 2) the student has clearly been academically misplaced, or 3) there is a scheduling conflict.** This is partly because the teaching staff has already been hired/reassigned to teach the courses and sections created by the student/parent registration. Students who wish to drop or change classes due to academic misplacement must do so no later than the end of the semester for year classes and the end of the first nine weeks of a semester class. Students may be permitted to drop a class at the beginning of the following year and through the second week of school as long as another class is added during the same period. This would again depend on class size and staffing considerations. Students are encouraged to sign up for and follow through on as many courses as they, their parents, and school counselors feel they are academically able to attempt. Courses may be added after the close of school in the spring and during the next school year during the first two weeks of each semester if the class the student wishes to take is not filled. **Schedule changes will not be permitted based on teaching style, personality, time of day, or to allow for late arrival or early dismissal.**

Prerequisites

Course prerequisites are designed to promote student success and should be followed. Such requirements will be waived only due to unusual circumstances, e.g., transfers from another district with different course offerings. Requests of this kind will be considered on a limited, individual basis.

Non-Discrimination

The Mentor Exempted Village Public School District hereby gives notice that it does not discriminate based on race, color, national origin, sex, or disability in the educational programs and activities operated by the district. It is the policy of the Mentor Exempted Village Public School district that educational programs and activities are provided without regard to race, color, national origin, sex, or disability.

No student shall be denied admission to the Mentor Exempted Village Public School District or a particular course or an instructional program or otherwise be discriminated against for reasons of race, color, national origin, sex, disability, or any other basis of unlawful discrimination.

Course Offerings

An elective course will be offered if the number of students enrolled is sufficient to warrant its inclusion in the curriculum. Juniors and Seniors will receive first consideration for electives.

Graduation Requirements

It is a student's responsibility to see that the requirements for graduation are met. School officials will make every effort to keep up-to-date records and keep students and parents informed about progress toward compiling the necessary coursework for graduation requirements. However, the student must be acquainted with the necessary requirements to meet this goal. The overall credit requirements for graduation from Mentor High School are as follows:

Subject	Units of Credit
English	4.0
Social Studies World History (1) U.S. History (1) American Government (.5) Economics (.5)	3.0
Science Physical (1) Biological (1) Elective (1)	3.0
Mathematics Four courses including Algebra 2	4.0
Health	0.5
Fine or Performing Arts	1.0
Physical Education**	0.5
Financial Literacy*	0.5
Electives (all other credits)	4.5
Total	21.0
* All students who entered 9th grade in August 2022 and after will receive their financial literacy instruction in a stand-alone financial literacy course during grades 9-12 and must complete at least two semesters of fine arts taken any time in grades 7-12. Students following a career-technical pathway are exempted from the fine arts requirement. **See PE Waiver information below.	

Students who do not meet the necessary graduation requirements are not eligible to participate in any senior activities relating to and including commencement.

Graduation Requirements

In addition to the 21.0 credit requirements for graduation from Mentor High School, Ohio law enacted permanent graduation requirements that require students to show their readiness and competency for the Classes of 2023 and Beyond. Believing there is no one-size-fits-all way to graduate, Ohio provides several ways to qualify for a high school diploma.

Additional Graduation Requirements for the Class of 2023 and Beyond: students must meet competency and readiness requirements.

- **Competency-** Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once. If you do not score a passing score, there are three additional ways to show competency.
 - Option 1- Demonstrate Two Career-Focused Activities (*At least one of the two must be a Foundational skill*)
 - **Foundational** - Proficient score on WebXams, A 12-point industry credential, a pre-apprenticeship, or acceptance into an approved apprenticeship program
 - **Supportive** - Work-based learning, earn a required score on WorkKeys, Earn the OhioMeansJob Readiness Seal.
 - Option 2- Enlist in the Military
 - Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation
 - Option 3- Complete College Coursework
 - Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.
- **Readiness-** Earn two of the following diploma seals, choosing those that line up with your goals and interests. At least one seal must be an Ohio-designed seal. These seals allow students to demonstrate academic, technical, and professional skills and knowledge that align with passions, interests, and planned next steps after high school. Click [here](#) for more specific information on each seal.
 - Ohio-designed seals:
 - OhioMeansJobs Readiness, Industry-Recognized Credential, College-Ready, Military Enlistment, Citizenship, Science, Honors Diploma, Seal of Biliteracy, Technology
 - Locally-designed seals:
 - Community Service, Fine and Performing Arts, Student Engagement

Physical Education Waiver

Students in grades 9-11 may be excused from the physical education course requirement by participating in **District-sponsored** interscholastic athletics, marching band, show choir, or cheerleading for at least two (2) athletic seasons during high school grades 9-11 or have participated in the junior officer training corps for at least two (2) full school years. Ohio Revised Code defines district-sponsored interscholastic athletics, marching band, show choir, or cheerleading as any high school athletic team, high school cheerleading squad, show choir, or high school marching band of the Mentor Exempted Village School District that participates in the District's regular athletic season(s) and is operated under the supervision of a Board employee. **Club activities and/or club sports are not considered part of District-sponsored athletics, marching band, Top 25 show choir, or cheerleading.**

High school students in grades 9-11 who meet this requirement will not be required to complete any physical education course as a condition to graduate. However, to be eligible for graduation, a high school student, who is excused from the high school physical education class requirement, must complete at least one (1) semester or .5 credits of instruction in another course of study. This semester of instruction must be separate from and in addition to all other courses of study and hours of instruction that are required to graduate. Students still need to earn a minimum of 21 credits to meet the graduation requirements.

A student must choose to meet his/her physical education requirement **EITHER** through the waiver **OR** through physical education classes. **Students may not use a combination of both.** Families wanting to complete the physical education waiver will do so in the Infinite Campus Parent Portal - [Directions for families to complete the PE Waiver](#). A student cannot retroactively receive credit for marching band/cheerleading/and/or sports if the waiver has not been completed prior to participating in the activity. A high school student who has not fulfilled his/her physical education requirement before the beginning of his/her senior year will be scheduled into physical education classes. **Participation in District-sponsored interscholastic athletics, marching band, Top 25 show choir, or cheerleading during the senior year cannot be used to fulfill the physical education graduation requirement.**

The following activities can be used to waive the physical education requirement:

Baseball	Basketball	Bowling	Cheerleading	Cross Country	Football
Golf	Gymnastics	Hockey	JROTC	Lacrosse	Marching Band
Rugby	Soccer	Softball	Swimming/Diving	Tennis	Track
Top 25	Volleyball	Wrestling			

Successful completion of a season, in the case of interscholastic athletics, means that a student is a member of the team, eligible for end-of-season awards/recognition, and has been available to participate (not-injured) in a majority (more than 75%) of the athletic contests scheduled during the regular season. A student who quits is ruled ineligible or has an athletic/activity code violation cannot use the PE Waiver. Families wanting to complete the physical education waiver will do so in the Infinite Campus Parent Portal - [Directions for families to complete the PE Waiver](#).

Course Cancellations

Insufficient enrollment causing the cancellation of specific classes or scheduling conflicts may require the student to select alternative courses. In these cases, the student and parent will be notified as soon as possible and will be assisted in selecting another course.

Course Load

Ninth and **tenth-grade** students are required to take six courses or the equivalent each semester. **Eleventh-grade** students are required to take five courses one semester and six courses the other semester. **Twelfth-grade** students are required to take a minimum of five courses each semester.

Students who have failed courses, dropped out and subsequently reentered school, or have had school progress delayed because of personal circumstances or illness may elect to attend high school for more than four years. In fact, in such cases, it is recommended that more time be allotted to the educational program.

All students are required to have an accurate schedule on file in the school student management system.

Students who attend summer school must make the necessary schedule adjustments in August upon the return of the school counselors.

College Core

To be successful in college, high school students should undertake a well-balanced program with some courses in all subject areas. Because college requirements vary, students should check the recommendations of the specific colleges they are interested in before planning their schedules. However, most colleges recommend that students complete at least the following subjects:

- Four years of English;
- Three years of science (two of which should be laboratory);
- Three years of math (Algebra 1, Algebra 2, Geometry), one of which should be taken in twelfth grade;
- Two years of a world language (Some colleges recommend three years – see your school counselor);
- Three years of social studies;
- One year of visual and/or performing arts (Some four-year institutions recommend one credit in an art or music program for admittance. Please check with your school counselor and the colleges you are interested in attending).

Some of Ohio's state universities require these courses for unconditional admission. We highly recommend taking a math class in twelfth grade. Students must complete Algebra 2 by the end of the twelfth grade. Students who plan to attend community college should discuss with their school counselors the requirements for admission and transfer policies requirements. With careful planning, students may be able to take a career technical education program **and** complete the college prep curriculum.

Athletics & Extracurricular Activities Eligibility

To be eligible for athletics and extracurricular activities, students must pass the equivalent of five units of credit and maintain a 2.0 grade point average. *Summer school credits and grades are **not** considered in determining eligibility. Physical Education and Conditioning classes are not one of the five units of credits when determining athletic eligibility. Students interested in participating in our athletic program must inform their school counselor to ensure they have the required five units from approved courses when scheduling for classes and if needing to drop a course.*

Standards

1. Students must pass courses during the previous nine-week grading period that earn a minimum of five credits per year toward graduation.
2. Students must have achieved a minimum of a 2.0 grade point average in the nine weeks preceding the period of their participation.

Students who do not meet **both** eligibility standards defined above are ineligible to participate in or practice interscholastic athletics or extracurricular activities until the end of the grading period.

Probation Status

Students achieving a grade point average between 1.0 and 2.0 and who have passed courses that earn a minimum of five credits per year may petition for probationary status. To remain eligible during probationary status, the student must attend a mandatory study table at school. The student must attend the study table for 30 minutes three days per week. The study table is supervised, and the student must work on school-related material. If the student attends the required study table and works as required, they will be eligible for participation. However, if the student fails to meet the requirements of the probationary contract, the following penalties will occur:

- First offense: The athlete becomes ineligible for the next calendar week.
- Second offense: The athlete becomes ineligible for the remainder of the grading period.

A student remains on probation for the entire grading period. At the end of the grading period, their status will be re-evaluated. Athletes may remain on probation during consecutive grading periods if they progress academically. If athletes do not demonstrate academic progress (improved grades), they become ineligible for the following grading period. If the athlete has been on probation for more than one consecutive grading period and they are still not eligible, their status will be re-evaluated to determine if alternate intervention is required or if ineligibility is needed. If an athlete is ineligible but possibly could return to eligibility during the sports season, they must attend the study table as if they are on probation in order to regain eligibility the following grading period. *Please check with your principal or the Director of Athletics if you are unsure of your eligibility status.*

Educational Options

The Mentor Secondary Program provides each student with a broad and general educational background, as reflected in the graduation requirements. The primary goal of the educational program is to ensure that, before the students graduate from Mentor High School, they have mastered the basic learning skills. These skills will enable them to become lifelong learners and to cope successfully with a changing society. Another goal is to offer students a wide variety of choices that will assist them in developing the personal, career, and educational skills necessary for success either in their chosen vocation or college. The career and college preparatory programs of studies outlined elsewhere in this booklet guide students in selecting subjects that will lead them toward their chosen goals.

Lakeland Community College Articulation

Completion of certain sequences of courses at Mentor High School may lead either to a course waiver or credit by examination at Lakeland Community College. Lakeland charges a nominal fee for credit by examination. Some career technical education programs also have bilateral agreements with the two-and four-year State of Ohio colleges and universities. Please ask the instructors or school counselors for specific information. Application forms to waive course credit by taking a final examination may also be obtained from the counselors. For more information regarding the curriculum, consult the current community college bulletin.

Early Graduation

Sixth Semester Graduation, Grade 11

Seventh Semester Graduation, Grade 12

A student may be eligible for early graduation either at the end of the junior year (sixth semester) or at the end of the first semester of the senior year (seventh semester). *Those students who wish to be considered for early graduation should ask the unit principal or school counselor in the unit office for more information early in their high school experience.*

Sixth-semester graduation – To be eligible for sixth-semester graduation, a student must have met all Mentor Board of Education requirements at the end of the junior year. These requirements include: (1) earning a minimum of 21 units of credit, (2) earning 3-1/2 credits during the last two semesters of attendance, and (3) making the proper application by May 1 of the junior year. Students can meet the senior English requirement by completing six semester hours of English at a local college.

Seventh-semester graduation – To be eligible for seventh-semester graduation, a student must have met all Mentor Board of Education requirements at the end of the first semester of the senior year. These requirements include: (1) earning a minimum of 21 units of credit and (2) earning 3-1/2 credits during the last two semesters of attendance. Students can meet the fourth English and math credit by completing ½ credit for the first semester in the appropriate English and math course and an additional ½ credit in English and math.

College Credit Plus (CCP)

College Credit Plus (CCP) was enacted into Ohio law in September 2014. The CCP program will govern those arrangements where a student is engaged in non-sectarian, non-remedial educational coursework while in high school that automatically results in transcribed high school and college credit at accredited Ohio public colleges and universities after the successful conclusion of that coursework. The CCP program will be the primary mechanism to pay for student-earned, transcribed college credit while in high school and will be paid for by the District (unless the student fails the course or exceeds the equivalent of 30 semester hours). Students in grades 7-12 who meet the CCP eligibility requirements may participate in a CCP program. Mentor High School has developed two pathway opportunities in conjunction with Lakeland Community College, one where a student can earn 15 transcribed credits and one where a student can earn 30 transcribed credits.

College Credit Plus (CCP) classes from subject areas taught at Mentor High School that have courses that follow a weighted grading scale will be weighted using the same scale.

Additional information on CCP and requirements can be found on our [Mentor High School CCP webpage](#).

Mentor High School and Lakeland Community College Credit Plus Pathway

15 Credit Pathway

Course	Credits	Equivalent
ENGL 1110 & ENGL 1120	6 Credits	English 11 or English 12
POLS 1300	3 Credits	American Government
ECON 1150	3 Credits	Economics
PSYC 1500 or COMM 1000	3 Credits	Elective Credit

30 Credit Pathway

Course	Credits	Equivalent
ENGL 1110 & ENGL 1120	6 Credits	English 11 or English 12
POLS 1300	3 Credits	American Government
ECON 1150	3 Credits	Economics
PSYC 1500 or COMM 1000	3 Credits	Elective Credit

Plus an additional 15 Credits from any of the pathways below:

Science Technology Engineering and Math (STEM) Pathway:

Course	Credits	Equivalent
MATH 1650 & MATH 1700	4/3 Credits	Precalculus
MATH 1550	4 Credits	Statistics
MATH 2500	5 Credits	AP Calc AB
MATH 2600	5 Credits	AP Calc BC
MATH 2700	4 Credits	Analytical Geom & Calc 3
MATH 2850	4 Credits	Differential Equations
BIOL 1010	3 Credits	Biology
BIOL 1020	3 Credits	Biology
BIOL 1510	4 Credits	AP Biology
BIOL 1520	4 Credits	AP Biology
CHEM 1100	4 Credits	Chemistry
CHEM 1500	5 Credits	AP Chem
CHEM 1600	5 Credits	AP Chem
PHYS 1550	3 Credits	Physics
PHYS 1610	5 Credits	AP Physics
PHYS 1620	5 Credits	AP Physics
ITIS 1505	3 Credits	Computers/Info Processing

ITCS 1010	3 Credits	Programming Logic
ITIS 1100	2 Credits	Internet Tools/Web Creation
ITCS 1105	3 Credits	Web Programming 1

Humanities Pathway:

Course	Credits	Equivalent
ENGL 2250 & ENGL 2260	3 Credits Ea.	American Lit
ENGL 2280 & ENGL 2290	3 Credits Ea.	British Lit
POLS 2100	3 Credits	State/Local Government
POLS 2300	3 Credits	Comparative Politics
PSYC 1500	3 Credits	Psychology
SOCY 1150	3 Credits	Sociology
GEOG 1500	3 Credits	Geography
HIST 1150 & HIST 1250	3 Credits Ea.	Western Civilization 1 & 2
PHIL 1500	4 Credits	Intro to Philosophy
PHIL 2700	3 Credits	Ethics

Business Pathway:

Course	Credits	Equivalent
ACCT 1100	4 Credits	Financial Accounting
ACCT 1200	3 Credits	Managerial Accounting
BUSM 1300	3 Credits	Business
ECON 2500	3 Credits	Macroeconomics
ECON 2600	3 Credits	Microeconomics
FINN 1500	3 Credits	Applied Finance

This program is available as an option to earn credit toward high school graduation by attending on a full or part-time basis a state-assisted college or university or any institution holding a certificate of authorization to award degrees issued by the Ohio Board of Regents. Alternatively, the student could choose to receive college credit rather than high school credit, but in that case, they would have to pay all tuition, textbooks, materials, and fees. Please refer to your school counselor if you are interested in this option.

Profile of an Honors/Advanced Placement Student

Students who succeed as honors and/or advanced placement students share common characteristics that are important to their success. When making decisions about enrolling in honors and/or advanced placement courses, students need to consider the characteristics of the typically successful honors/advanced placement student and make enrollment decisions based on self-evaluation of their skills, abilities, and work ethic. We encourage all students to challenge themselves intellectually. We want to be sure that students make decisions about enrollment in honors/advanced placement courses based on sound information and careful consideration.

The Characteristics of Successful Honors/Advanced Placement Students

- ✓ Demonstrated strengths in:
 - Study skills
 - Motivation
 - Reading skills
 - Organization and time management skills
 - Initiative
- ✓ Willingness to exhibit intellectual curiosity
- ✓ Willingness to accept responsibility for their learning
- ✓ Willingness to spend time beyond what is expected in a college-preparatory class
- ✓ Willingness to accept challenges acknowledge that the work will be difficult, and perseverance when it is
- ✓ Ability to accept and learn from constructive criticism and mistakes

Students who demonstrate these characteristics are most often highly successful in honors/advanced placement courses.

Advanced Placement Courses

Advanced Placement courses offer students the opportunity to do college-level studies in the tenth, eleventh, and twelfth grades. Upon completing an AP course, students may take the nationally administered examination in May. According to their performance on the examination, they may receive up to twelve college credit hours for each examination they take. This makes it possible for a student who is successful on the exam(s) and in the course(s) to enter college at or near the sophomore level. Schools throughout the U. S. recognize the Advanced Placement Program, though different schools treat AP credit differently. If students have questions about how their intended college handles AP credit, they should consult their school counselor. The following Advanced Placement courses are offered at Mentor High School:

Art	Biology	Psychology	Calculus AB & BC
English Literature & Composition	American Government	French	Chemistry
U.S. History	German	Physics	European History
Spanish	Statistics	Economics (Micro & Macro)	Computer Science A
Seminar	Human Geography*	Environmental Science*	Computer Science Principles
Research	AP Precalculus	English Language & Composition	Music Theory

*online course

AP Capstone™ Diploma Program

Mentor Schools is pleased to offer this diploma program that allows students to apply critical thinking, collaborative problem-solving, and research skills in a cross-curricular context. AP Capstone is built on the foundation of a two-year high school course sequence. **AP Seminar** and **AP Research** are designed to complement and enhance the in-depth discipline-specific study provided through AP courses. It cultivates curious, independent, and collaborative scholars and prepares them to make logical and evidence-based decisions. AP Capstone was developed in response to feedback from higher education. The two AP Capstone courses, with their associated performance tasks, assessments, and application of research methodology, complement the rigor of AP courses and exams by challenging students to:

- Think critically and creatively to construct meaning or gain understanding
- Plan and conduct a study or investigation
- Propose solutions to real-world problems
- Plan and produce communication in various forms
- Collaborate to solve a problem

- Integrate, synthesize, and make cross-curricular connections

Students who earn scores of 3 or higher in both of the AP Capstone courses and on four additional AP Exams of their choosing will receive the AP Capstone Diploma. Those students who earn scores of 3 or higher in both of the AP Capstone courses but not on the four additional AP Exams will receive the AP Capstone Certificate, signifying successful performance in those courses.

Online Courses

Mentor High School students have the opportunity to select from a variety of online electives and participate in blended courses. Blended courses at Mentor High School are a combination of face-to-face and online instruction. Students are required to take a blended Health course in 9th grade, a blended Economics course, and, starting with the Class of 2026, a blended Financial Literacy course. These course offerings will provide additional programming for students and provide them with college and career readiness skills. Students are not permitted to take more than two online courses without approval from the School Counseling Department. Additional online options are offered through the Online Cardinal Achievement Academy for qualifying students.

Profile of an Effective Online Student

The online learning process requires **commitment** on the student's part. Staying up with the class and completing all work on time is vital. Once a student gets behind, it is challenging to catch up. We want to be sure that students make decisions about enrollment in online courses based on sound information and careful consideration. Students interested in taking additional online courses should meet with their school counselors to discuss academic readiness. Below are some important characteristics of a successful online student:

- ✓ **Be self-motivated and self-disciplined.** With the freedom and flexibility of the online environment comes responsibility. Keeping up with the flow of the process online requires real commitment and discipline.
- ✓ **Be able to communicate through writing and like to read.** In the Virtual Classroom, nearly all communication is written, so it is critical that students feel comfortable expressing themselves in writing. Strong writing requires thought, and thought requires work. Be ready to write and write well. Furthermore, you should be comfortable reading on a computer screen and be able to type.
- ✓ **Be willing to speak up if problems arise.** Many of the nonverbal communication mechanisms that instructors use to determine whether students are having problems (confusion, frustration, boredom, absence, etc.) are not possible in the online paradigm. If a student is experiencing difficulty on any level (either with the technology or with the course content), he or she must communicate this immediately. Otherwise, the instructor will never know what is wrong.
- ✓ **Be willing and able to commit to 4 to 15 hours per week per course. Online education is not easier than traditional education.** It requires time and commitment, similar to a traditional course.
- ✓ **Meet the minimum requirements for the program.** The requirements for an online program are no less than those of any other quality educational program. The successful student will view online education as a convenient way to receive their education—not an easier way.

Online Cardinal Achievement Academy

The *Online Cardinal Achievement Academy* is part of Mentor High School. Students enrolled in the academy are considered students of Mentor High School and have the same rights and privileges as Mentor High School students. The academy is designed to provide students with flexible learning opportunities. Enrollment in Cardinal Achievement Academy (CAA) at Mentor High School is evaluated each school year and continuously to determine if a student is eligible and if the program is the right fit for a student. In order to qualify for enrollment, students and parents/guardians must participate in a team meeting and provide authorized documentation showing why the student is unable to attend Mentor High School in person. Additionally, students and families must be willing to adhere to the commitments of the program. The academy offers a range of classes to meet the needs of students. All classes and coursework are conducted online.

Credit Flexibility

Credit Flexibility is any alternative coursework, assessment or performance that demonstrates proficiency needed to be awarded equivalent graduation credit as approved by the school district. Approved credit awarded through this policy will be posted on the student's transcript and counted as required graduation credit in the related subject area or as an elective. Information regarding the Credit Flexibility policy and the program is posted on the district website. Interested students should contact their school counselor for additional information and guidelines. Approval of a student's Credit Flex program must be approved prior to beginning the learning experience.

Community Service

Grades 9-12 (not a graduation requirement)

Mentor High School students have the opportunity to do volunteer service within the Mentor Exempted Village School District or with an approved community agency to earn a readiness seal and/or a community service cord for graduation. Both the seal and cord require a minimum of 50 hours and community service during the time students are in high school. Students are required to document their community service hours through SchoolLinks, a school-provided web-based program. Recognition will be given on the student's transcript and at graduation if 50 hours or more are completed.

A list of volunteer assignments will be developed to give the student the opportunity to choose an area of interest. Areas might include club activities, audiovisual, library aide, teacher's assistant, student tutor, office clerical, and other areas deemed appropriate. A list of services will be developed for student reference with the local community agencies.

Senior Project

Senior Project, Grade 12

Senior Project is designed to provide interested seniors with the opportunity to work on meaningful independent projects of their selection and design. Eligible seniors will be excused from their classes for the last two and one-half weeks of the school year to pursue a project outside the normal school setting. The project may take the form of an experience, such as extensively shadowing a person in a specific career field, or a research project, a creative endeavor, or a travel experience. Seniors will be eligible for participation in this project based on the following criteria:

1. Passing all classes;

2. Meeting all graduation requirements;
3. Maintaining good attendance;
4. Displaying good citizenship;
5. Developing a project acceptable to the committee.

Each participating senior will develop a project subject to approval by the project committee. The student is responsible for choosing a faculty advisor to meet with weekly. Participating seniors will keep a daily journal to record their experiences and reflections. After the project, the student will create a presentation that documents and reflects on their experience and present at the Senior Project Expo.. The student will also be evaluated by their on-site coordinator. Participating seniors will have **Senior Project**/ appear on their transcript.

Career Technical Education - Career Academies

There are typical sequences for courses designed to develop a student's skills to the extent that they may qualify for direct entry into employment as well as technical preparation for post-secondary education. Courses are strongly recommended for developing employability skills and are essential to developing technical skills.

Most career preparation programs are two-year sequences, with the exceptions of several senior-only programs that result in industry-recognized credentials and cooperative work-study courses. Junior and Senior students are eligible for career preparation programs. Students interested in enrolling in a career preparation course should contact their school counselors.

Students in our Career Technical Education Programs also have the opportunity to earn college credits. Through Ohio's Career Technical Credit Transfer, students are guaranteed the transfer of applicable credits among Ohio's public colleges and universities and equitable treatment in applying credits to admissions and degree requirements. (The Career-Technical Articulation Verification (CTAV) technical initiative is a collaborative effort between the Ohio Department of Education (ODE) and the Ohio Department of Higher Education (ODHE) to facilitate post-secondary career-technical transfer credit opportunities. New technology allows the electronic exchange of data between the two agencies into ODHE's Higher Education Information System (HEI). The integration of ODE's CTE-26 application process and ODHE's Course Equivalency Management System (CEMS) has allowed for the automation of the submission and approval of secondary courses that align with Career-Technical Assurance Guides (CTAGs). The initiative also phases out the need to submit the paper verification form needed to access the credit for those students who have successfully completed an approved ODE course that aligns with a CTAG and earned the required WebXam score. Please visit <https://transfercredit.ohio.gov/initiatives-upd/overview> to learn more about earning college credit through career technical education. In addition, Mentor Schools has partnered with local colleges to provide additional college credit opportunities. Local college partners include Lakeland Community College, Akron, Kent State University, and Lake Erie College.

Summer School

The Summer School Program is designed to allow students to correct or remediate academic weaknesses in courses they have previously failed. In gaining credit for their enrollment and successful completion of their classes, the students may have the opportunity to advance to the next grade level and/or attain the credits needed to graduate. Seniors attending summer school who successfully pass the credits necessary to meet graduation requirements will receive an August diploma. Students may be tutored in classes for credit that are not offered in summer school at the student's expense. All summer school classes and tutoring requests should be approved through the student's school counselor and/or principal.

Students may take physical education, health, and financial literacy for new credit and apply it toward graduation. These summer school course offerings are available to students entering grades nine through twelve.

Registration for summer school make-up classes begins the Monday after the end of the school year. Summer school lasts for five weeks. Dates and times for Summer School will be shared with students and families in the spring.

The Board of Education sets tuition, and summer school is operated at no cost to the Board of Education through funds derived from tuition. All summer school classes are contingent upon sufficient enrollment.

Academic Letter Program

Each May, we will hold an Underclassmen Awards Ceremony to recognize outstanding academic achievement based on a student's first three (3) grading periods GPA. Academic Letter criteria are as follows*:

Year	GPA	Award
1	3.5 or higher	Class Numerals and Certificate
2	3.5 or higher	Academic Letter and Certificate
3	3.5 or higher	Lamp of Knowledge Pin and Certificate
4	3.5 or higher	Lamp of Knowledge Pin and Certificate

Honors Diploma

Students in Ohio are provided the opportunity to graduate with an honors diploma by exceeding Ohio’s graduation requirements by taking higher-level coursework and/or real-world experiences. Starting with the Class of 2026 +, the honors diplomas will be updated to better align with the new high school graduation requirements. As such, changes will be found to better align with key concepts of customization and the ability for students to reflect their strengths.

- Equal number of requirements for each honors diploma
- Addition of state and local seals that align with specific honors diplomas
- Additional requirements listed for courses beyond standard graduation requirements
- Addition of a “Student Strength Replacement” option for all honors diplomas
- Addition of an “Experiential Learning” option for all honors diplomas

Students will have the opportunity to earn one of five honors diplomas:

1. [Academic Honors Diploma](#)
2. [Career Tech Honors Diploma](#)
3. [STEM Honors Diploma](#)
4. [Arts Honors Diploma](#) - *includes dance, drama/theatre, music, and visual art*
5. [Social Science and Civic Engagement Honors Diploma](#)

Career Pathways

Career pathways group careers with common features and skills. Careers grouped into the same cluster typically require similar education and training. Exploring pathways can be a valuable way to find a good career match, especially if you have general areas of interest but are not sure what specific careers match those interests. Career pathways can also help you better understand how your coursework in school can prepare you for certain types of careers. Information regarding career pathways can be accessed by logging into SchoolLinks (a college and career planning tool) or meeting with a school counselor.

Program of Studies Icon Key

Course Delivery Icons	Course Delivery Option	Description
	Blended Course	A hybrid course. A portion of the content is delivered online, and the teacher delivers in-person instruction at a regularly scheduled time.
	Fully Online Course	Fully online courses provide their content exclusively via the computer. The course does not meet daily nor at a regularly scheduled time. Students are responsible for working independently through course content.
	Fully Online Course Developed and Taught by Mentor High School Staff	Fully online courses have their content delivered exclusively via the computer. This course was developed and taught by a Mentor High School teacher. The course does not meet daily nor at a regularly scheduled time. Students are responsible for working independently through course content.
	Distance Learning Course	This course is delivered daily at a scheduled time, but the content is delivered by a teacher who is not physically present at the school via videoconferencing equipment.
No Icon	Traditional Face-to-Face course	Course meets face-to-face at Mentor High School daily.
		College Credit Plus classes are taught at Mentor High School on our College Credit Plus Satellite Campus. Students receive dual credit (high school and college) in these CCP courses.

Art Flowchart

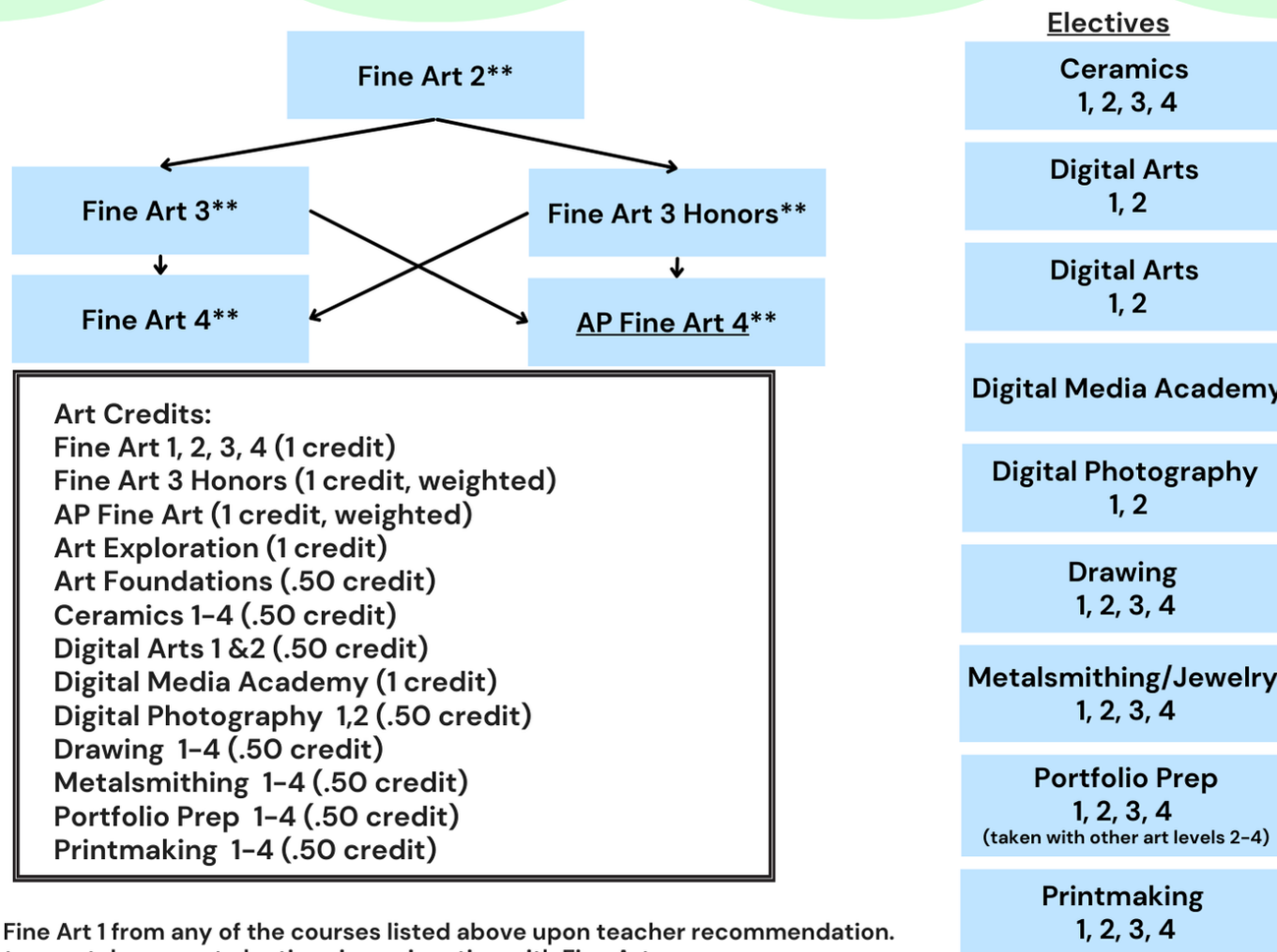
Completion of any of our art courses fulfills portfolio requirements for the following: the Mentor High School fine arts requirement for graduation, the Ohio Academic Honors Diploma fine arts requirement, the Ohio Arts Honors Diploma fine arts and electives requirements, the Ohio Fine and Performing Arts Diploma Seal, and the visual/performing arts requirement for the College Core.

These courses are pre-recs for all fine art and art electives.

Fine Art 1*

Art Exploration

Art Foundations
(grades 10-12)



*Students may enter Fine Art 1 from any of the courses listed above upon teacher recommendation.

**Fine Art 2-4 students may take any art electives in conjunction with Fine Art.

Art

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1000	Art Exploration	1.0	2	Want a chance to play, create, and get your hands dirty with drawing, painting, printmaking, sculpture, and more? Whether you're a beginner or looking to expand your skills, this is the opportunity to discover your artistic passions while learning about new techniques and tools. Students will have fun learning new means to create and problem-solve and exploring the many ways art connects to their lives. This course prepares the student for any semester art courses or for entering the Fine Art track. Students will be required to pay a class fee for consumables and a supply packet from the school bookstore. Career Pathway: Arts, Audio/Video Technology and Communications		No
1001	Art Foundations	.50	1	This semester-long course allows 10th-12th grade students to explore a variety of art processes and media such as drawing, painting, sculpture, printmaking, and more. It also prepares students for any semester art courses or for entering the Fine Art track. Emphasis will be on creative problem-solving and hands-on learning experiences that allow for personal growth and creative expression. Students will be required to pay a class fee for consumables. This course is a Prerequisite for other Art Electives. Career Pathway: Arts, Audio/Video Technology and Communications		No

1002	Drawing 1	.50	1	Do you doodle? Do you sketch? Do you like to draw? Drawing is an activity in which you can be clear-headed, and calm, work with your brain, and just have fun all at the same time. This entry-level course may introduce students to a variety of media, such as graphite, charcoal, and colored pencils. It will enable students to improve visual communication and problem-solving skills. Emphasis will be on basic skills and creating a foundation for successful drawing. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Art Exploration, Fine Art 1 or Art Foundations	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1003	Drawing 2	.50	1	Unwrap yourself! Stimulate your brain cells and increase your energy! Drawing cultivates an outer and inner awareness of the world we inhabit. Artists and designers use drawing to kick-start their creative thinking. This course is for serious art students who wish to build their confidence in drawing by learning valuable tips, tricks, and techniques that will take their work to the next level and go beyond the basics. It will build on the foundation skills of Drawing 1 with an emphasis on personal expression, drawing from life, and technical mastery. A variety of traditional and digital media will be explored. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Drawing 1 or Fine Art	No

1004	Drawing 3	.50	1	Take your skills to the next level! This course is for the serious drawing student with an emphasis on technical mastery and portfolio development. It will build on the foundation skills of Drawing 2 with an added focus on the development of work based on a theme or concept, personal expression and style, drawing from life, and portfolio development. Students will have the opportunity to choose their preferred drawing methods and media, traditional or digital. Students will be encouraged to enter regional and state art competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Drawing 2 or Fine Art	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1005	Drawing 4	.50	1	Immerse yourself in drawing! This course is for the serious drawing student with an emphasis on technical mastery and portfolio development. It will build on the foundation skills of Drawing 3 with an added focus on the development of work based on a theme or concept, personal expression and style, drawing from life, and portfolio development. Students will have the opportunity to choose their preferred drawing methods and media, traditional or digital. They will be encouraged to explore other drawing courses/opportunities offered through the community and local colleges and universities to supplement their learning in class. Students will be required to enter regional and/or state art competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Drawing 3 or Fine Art	No

1006	Printmaking 1	.50	1	The desire to make copies of images seems to have developed worldwide. From handprints to stamps, people have used the repetition of images throughout history. This course is based on the four major processes of printing: intaglio (etching), relief (block printing), planographic printing, and stencil processes. Projects involve the students' creation of multiple fine art prints using a variety of printing mediums. Emphasis will be placed upon the development of "the image" and production, capitalizing on the unique characteristics of each printing process. Because of the close relationship between printmaking and drawing, it is an excellent extension for those who enjoy drawing but would like an alternative approach. This course gives students a historical view of the craft while relating it to their personal aesthetic exploration. This class is recommended for both Fine Art students as well as those who enjoy drawing. Students will be required to purchase some personal supplies and pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Art Exploration, Fine Art 1 or Art Foundations	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1007	Printmaking 2	.50	1	This course expands upon the four major printing processes and includes advanced techniques in a variety of processes. The creation of multiple prints and presentation of a portfolio of works will be stressed. This course will help you build upon current pieces while developing a comprehensive body of work in 2D. This course is unique in that the course is focused on the individual student's learning goals. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Printmaking 1	No

1008	Printmaking 3	.50	1	This course further expands upon the four major printing processes and includes advanced techniques in a variety of processes. The creation of multiple prints and presentation of a portfolio of works will be stressed. This course will help you build upon current pieces while developing a comprehensive body of work in 2D. This course is unique in that the course is focused on the individual student's learning goals. Students will be encouraged to enter regional and state competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Printmaking 2	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted

1009	Printmaking 4	.50	1	This course is intended for high school juniors and seniors who are preparing for a college-level art program or an AP Studio Art Exam. Students are introduced to a full range of techniques, including relief, lithography, intaglio, screen printing, letterpress, and book arts. Traditional approaches invigorated by new technologies will be stressed. Students employ both digital and manual approaches to making prints. Students will be encouraged to enter regional and state competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Printmaking 3	No
1010	Portfolio Preparation 1	.50	1	This course is for high school juniors and seniors who are preparing for a college-level art program or an AP Studio Art Exam. The Portfolio Preparation program is designed for the independent student to strengthen their portfolio(s) while introducing them to college/career choices in the visual arts in conjunction with studio classes. The course culminates in a final portfolio review with the Mentor Art Department. Students must be recommended and interested in developing a portfolio for AP, college admissions, the Art Honors Diploma, scholarship, etc. If you are considering applying to an art school or a career in an art related field, this course will help you to get started. If you are not on the Fine Art track, this course will help you build upon current pieces while developing a comprehensive body of work in 2D or 3D. This course is unique in that the course is focused on the individual student's learning goals. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Open to grade 11-12 grade students. Must have taken Art Explorations or Art Foundations and one Level 1 studio class and passed with a "B" average. Taken in conjunction with another studio class. Recommendation based on a portfolio is required.	No
1011	Portfolio Preparation 2	.50	1	This course is intended for high school juniors and seniors who are preparing for a college-level art program or an AP Studio Art Exam. Students will be encouraged to enter regional and state competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher Recommendation from Portfolio Preparation I	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted

1012	Portfolio Preparation 3	.50	1	This course is for high school seniors preparing for a college-level art program or an AP Studio Art Exam. Students will be encouraged to enter regional and state competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher Recommendation from Portfolio Preparation 2	No
1013	Portfolio Preparation 4	.50	1	This course is for high school students preparing for a college-level art program or an AP Studio Art Exam. Students will be encouraged to enter regional and state competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher Recommendation from Portfolio Preparation 3	No
1014	Ceramics 1	.50	1	Explore the world of 3D art by experimenting with ceramics! This course is designed to be an introductory course emphasizing simple techniques by using only your hands and a few simple tools. Your projects will be constructed to be used in everyday activities or simply made to look aesthetically pleasing. Wheel-thrown forms may be introduced to explore on one's own time. Students will also study and practice simple surface decoration, glazing, and firing of pottery and sculpture. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Art Exploration, Fine Art 1 or Art Foundations	No
1015	Ceramics 2	.50	1	Do you want to continue to expand your knowledge of ceramics and three-dimensional art? This course is designed to be an intermediate course emphasizing more complex hand-building techniques. Your projects will have both function and form. Wheel-thrown forms will be explored. Students will be required to solve challenging problems in ceramics using a variety of methods. Students will also study and practice more complex surface decoration, glazing, pottery firing, and sculpture. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Ceramics 1	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted

1016	Ceramics 3	.50	1	Take your ideas and make them 3D! Let's think outside the box and create 3-dimensional works of art through clay! This course is designed to be an accelerated course to emphasize complex hand-building techniques. Wheel-thrown forms will be required. Students will also study and practice complex and detailed surface decoration, different forms of glazing, and the firing of pottery and sculpture. Students will be required to select and develop an area of concentration within ceramics to be used as a means of self-expression and initiate and solve challenging problems in construction and form development for portfolio development. Students will be encouraged to enter regional and state competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Ceramics 2	No
1017	Ceramics 4	.50	1	It's all about you in this course. What direction are you going in? Take some clay and make your 3-D ideas become works of art. This advanced course emphasizes complex hand-building techniques. Wheel-thrown forms will be required. Students will be required to solve challenging problems in ceramics using various forming methods, including large thrown forms, altered forms, composite, and sculptural forms. Students will continue to develop an area of focus in forming (i.e. potter's wheel, hand building), sculpture, and/or glazes. It will build on the foundation skills of Ceramics III with an added focus on personal expression and portfolio development. Students will be encouraged to enter regional and state competitions. Students will also study and practice complex and detailed surface decoration, different forms of glazing, and the firing of pottery and sculpture. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Ceramics 3	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted

1018	Metalsmithing/ Jewelry 1	.50	1	Do you want to create interesting metal mini-sculptures and/or jewelry? The metalsmithing/jewelry class teaches students to manipulate a variety of metals with various tools for an aesthetic end. Students in the program make objects that range from highly functional to purely expressive. Techniques commonly used in metalsmithing and jewelry, sawing, piercing, soldering, basic stone setting, forming, and finishing are explored through the creation of individual projects. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Art Exploration, Fine Art 1 or Art Foundations	No
1019	Metalsmithing/ Jewelry 2	.50		Do you love working with your hands? Formulating a concept and fabricating it out of metal? This class will help the students develop personal expression that will evoke emotions and spark interesting conversations about the aesthetically pleasing metalwork. Students will create art that can either be worn or placed on exhibition. Students will be introduced to more advanced bench procedures, including acid etching, annealing, and silver soldering techniques. Students will be required to pay a class fee for consumables. Safety will be stressed. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Metalsmithing 1	No
1020	Metalsmithing/ Jewelry 3	.50		This course will help students with creative problem-solving. Using different kinds of metals encourages individual expression. The projects will enhance the student's diverse portfolios. Students electing to take this advanced course in metalsmithing/jewelry will have the opportunity to design and fabricate small-scale sculptures and/or personal jewelry. Students will be introduced to advanced bench procedures, acid etching, annealing, and silver soldering techniques. Students will be required to pay a class fee for consumables. Safety will be stressed. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Metalsmithing 2	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted

1021	Metalsmithing/ Jewelry 4	.50		The students enrolling in the advanced metalsmithing course are expected to explore the different facets of the visual arts in-depth and thoughtfully. This course is designed to expand a student's creative talent by intentionally exploring visual phenomena. A curious, responsive, creative attitude toward all levels and forms of art will be nurtured. Students electing to take this intro course to metalsmithing/jewelry will be offered the opportunity to design and fabricate small-scale sculptures and/or personal jewelry. Students will be introduced to basic bench procedures, acid etching, annealing, and silver soldering techniques. Students will be required to pay a class fee for consumables. Safety will be stressed. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Metalsmithing 3	No
1022	Digital Arts and Design 1	.50	1	This class is designed for students who wish to pursue knowledge in the area of computer-generated art. Using graphic design, students will be exposed to the skill of visual communication to represent ideas or concepts. Students will explore the design process and use critical thinking skills to find creative visual solutions while designing many projects. There will also be a strong emphasis on using the Elements of Art and Principles of Design. Students will learn to use basic design tools to create good art. Student assessment in this course will be project-based. Students will also begin to create an online portfolio of their work to showcase their continued learning as they grow individually as designers. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Art Exploration, Fine Art 1, or Art Foundations	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted

1023	Digital Arts and Design 2	.50	1	This course is a continuation of Digital Arts and Design 1. Digital Arts and Design 2 is for students wishing to continue their computer-generated art studies. Students will continue to explore the design process and find creative visual solutions. Students will gain an understanding of the processes and systems common to careers in Graphic Design, Print, Advertising, and Marketing. Students will continue to create an online portfolio of their work to showcase their continued learning as they grow individually as designers. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation from Digital Arts and Design I	No
1026	Digital Photography 1	.50	1	Do you like taking photographs? Do you want to learn how to make your images amazing? Would you like to explore Adobe Photoshop? Anyone can take a picture with a camera, but not everyone can be a photographer! Want to learn how to be a Photographer? Then this is the course for you! This introductory photography course emphasizes basic camera techniques and Adobe Photoshop editing. Students will explore digital photography and related technologies for producing fine art prints. Students will develop the skills necessary to create their unique work using digital photographic techniques. Adobe Photoshop will be your ‘virtual’ dark room. The production and analysis of expressive and thoughtful artwork is the main objective of this course. Students will be introduced to CC Adobe Photoshop. Adobe Photoshop is considered by many to be the premier tool when it comes to creating and editing photos. This course will help give you a firm grasp of the multitude of tools that Photoshop offers and allow you to gain confidence and skills in digital photography. Students will be required to pay a class fee for consumables and provide a 7+ megapixel digital camera. Career Pathway: Arts, Audio/Video Technology and Communications	.Art Exploration, Fine Art 1 or Art Foundations	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted

1027	Digital Photography 2	.50		Let's make your photographs amazing! This intermediate course in photography emphasizes more advanced camera techniques and photo editing. Students explore digital photography and related technologies for the production of fine art prints. Students will develop the skills necessary to create their own unique body of work using digital photographic techniques. The production and analysis of expressive and thoughtful artwork is the main objective of this course. Students will continue to develop an area of focus. It will build on the foundation skills of Digital Photography I with an added emphasis on personal expression and portfolio development. Students will be encouraged to enter regional and state competitions. Students will continue to use CC Adobe Photoshop. Adobe Photoshop is the premiere tool when it comes to creating and editing photos. This course will help give you a firm grasp of the multitude of tools that Photoshop offers and allow you to gain confidence and skills in digital photography. In addition to a required class fee, students will be expected to provide a 7+ megapixel digital camera, purchase additional photographic supplies, and complete work outside of class. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher Recommendation From Digital Photography 1	No
1030	Digital Media Academy - 1 (New)	2.0	2	This course is designed to provide students with the opportunity to engage in real-world projects to exhibit their understanding of art and design essentials. This course will prepare students to obtain Adobe industry-recognized certifications. Students will build a portfolio through print and Web-based production. Adobe Photoshop software is the industry standard in digital imaging and is used worldwide for design, photography, video editing, and more. Adobe Illustrator is the industry-leading graphic design tool that lets you design anything you can imagine – from logos and icons to graphics and illustrations, drawings, and artwork. Adobe InDesign is used by graphic designers as well as marketing and communications professionals to create flyers, brochures, magazines, and other content. Career Pathway: Arts and Communications	Art Exploration, Fine Art 1 or Art Foundations required (Intro to Digital Arts and Intro to Digital Photo recommended but not required)	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted

1031	Digital Media Academy - 2 (New - Starting 2026-27)	2.0	2	This second-year course builds upon foundational knowledge from the first year, diving deeper into art and design principles while challenging students with advanced real-world projects. Students will refine their skills in Adobe Photoshop, Illustrator, and InDesign, further mastering industry-standard tools for digital imaging, graphic design, and layout production. Through hands-on projects, students will create professional-quality designs for print and web, culminating in a comprehensive portfolio that showcases their expertise. This course also prepares students to obtain Adobe industry-recognized certifications, positioning them for success in creative industries.	Successful completion of Digital Media Academy 1	No
1042	Fine Art 1	1.0	2	This course is designed to be the first course in a series of Fine Art classes. Its purpose is to involve students in a variety of media and techniques while advancing skills as they begin the portfolio preparation process. Students will create a visual journal in which they will experiment, play, document learning, and reflect on artistic processes. They will practice and build their knowledge of different techniques, skills, and styles of art in small projects called “micro labs.” Students will then create larger “masterpieces” in which they will be able to make artistic choices in the subject matter, media, and style with an emphasis on the meaning behind their work. This course is designed for those students indicating a serious interest in art but not necessarily an art career. Previous preparation in seventh and eighth-grade art, combined with demonstrated proficiency in media and techniques and a teacher recommendation, serve as a basis for student participation in Fine Art 1. A portfolio of work will be assembled. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Teacher recommendation	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1043	Fine Art 2	1.0	2	Continue to create and develop your skills! This course is designed to be the second course in the series of Fine Art classes. Its purpose is to continue the development of your journal/sketchbook while developing a more in-depth visual portfolio and provide further development of drawing skills, painting techniques, and 2D design concepts explored in Fine Art 1. Introduction to printmaking techniques is explored. A shift of emphasis from previous art classes is the expectation that students have strong drawing skills and a work ethic that embraces working on projects both in and outside class. This course is designed to continue the fine art experience, but students may not necessarily desire an art career. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Fine Art 1 and teacher recommendation	No
1044	Fine Art 3	1.0	2	This course is designed to be the third class taken by those who are in the Fine Arts Program and enables highly motivated students to explore their goals in art. This course enables highly motivated students to explore the goal of art as a career option and enter local, state, and national art competitions for high school artists. Emphasis is placed on the production and volume of quality pieces of artwork. Major emphasis will be on further development and refinement of drawing, basic painting skills, and design concepts. Students will not just be introduced to media but will be exploring design principles through various drawing and painting processes. Students will draw from life, paint (transparent and opaque), respond to creative problem-solving, and deal with two-dimensional design both with and without color. This course is designed to continue the fine art experience, but students may not necessarily desire an art career. A journal is required, and a junior portfolio will be assembled. Students will be required to pay a class fee for consumables. Successful completion of this course will prepare students for the opportunity to enroll in Fine Art IV. Career Pathway: Arts, Audio/Video Technology and Communications	Fine Art 2 and teacher recommendation	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1044H	Fine Art 3 Honors	1.0	2	This course is designed to be the third course in a series of Fine Art classes. This course enables highly motivated students to explore the goal of art as a career option and enter local, state, and national art competitions for high school artists. Emphasis is placed on the production of a volume of quality pieces of artwork. It is the expectation that students have strong drawing skills and a work ethic that embraces working on projects both in class and outside of class. This course provides students with an awareness of post-secondary options in art and helps them begin to prepare an excellent portfolio for study at the college level. All students enrolling in the course are expected to assemble and submit a studio art portfolio. Successful completion of this course will prepare students for the opportunity to enroll in Fine Art 4AP. Students will be expected to enter regional and state competitions. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Fine Art 2 and teacher recommendation	Yes
1045	Fine Art 4	1.0	2	This course is designed to be the fourth course in a series of Fine Art classes This course is designed to continue the fine art experience, but students may not necessarily desire an art career; students may wish to continue art as an avocation. Students will draw from life, paint (transparent and opaque), respond to creative problem-solving, and deal with two-dimensional organizational issues. The major emphasis in Fine Art 4 will be to develop and refine those skills learned in the previous fine art classes as well as introduce and develop new concepts associated with personal interpretation of a theme. Students will be expected to enter regional and state competitions. A journal is required, and a senior portfolio will be assembled. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Fine Art 3 and teacher recommendation	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1045AP	AP Fine Art 4	1.0	2	This course is designed to be the fourth class taken by those who are in the Fine Arts Program. After completing this course, the student can pursue art in a post-secondary school. This course enables highly motivated students to perform at the college level while still in high school. Emphasis is placed on the production of a volume of quality pieces of artwork. It is the expectation that students have strong drawing skills and a work ethic that embraces working on projects in and outside of class. This course allows students to compare their work with other high school students throughout the nation and helps them prepare an excellent portfolio for study at the college level. All students enrolling in the course are required to assemble and submit an AP Studio Art Portfolio. The AP Studio Portfolio is a performance-based exam rather than a written exam and is mandatory for AP course credit. The completion of this course will provide students with the opportunity to receive college credit or to place out of certain college courses. Students will be required to pay a class fee for consumables. Career Pathway: Arts, Audio/Video Technology and Communications	Fine Art 3 Honors and teacher recommendation	Yes

Business/Computer Science

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1100	 Financial Literacy	.50	1	 THIS IS A BLENDED LEARNING COURSE. This 10th-grade course prepares students with the confidence needed to succeed by arming them with financial literacy skills. They will learn to become savvy consumers who can avoid scams and make sound financial decisions. Other topics include overviews of protective insurance, budgets and long-term planning, and an introduction to investing.	Open to 10th grade only	No
OL1100	 Financial Literacy Fully Online	.50	1	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This 10th-grade course prepares students with the confidence needed to succeed by arming them with financial literacy skills. They will learn to become savvy consumers who can avoid scams and make sound financial decisions. Other topics include overviews of protective insurance, budgets and long-term planning, and an introduction to investing.	Open to 10th grade only	No
1076	Microsoft Academy	1.0	2	This course will prepare students to obtain Microsoft and other industry-recognized certifications. Students will engage in real-world exercises to exhibit their understanding of business essentials while they prepare for certification testing. Career Pathway: Business Administration		No
1061	Accounting 101	.50	1	This course introduces students to the entire accounting cycle for a service business. Aspects of corporate accounting as well as discussions of current corporate events and business ethics. Students participate in a business simulation to gain "real world" experience.		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1054	Sports and Entertainment Marketing	.50	1	This project-based course is designed to introduce students to the business of advertising and marketing within the sports/event industries and examine their economic impact. Students will learn marketing functions, define target markets, formulate an advertising plan, implement an advertising strategy and study the internet and social media marketing's role in the global economy relating to the sport/event industries. They will explore tools and techniques used in Internet and social media marketing while exploring ethical, legal, and security aspects to prepare for a career in sports and entertainment marketing.		No
1066	Entrepreneurship and Innovation	.50	1	This course explores innovative skills needed to generate ideas for new products and services. The course will explore all aspects of creating a new venture, from idea through startup, growth, development, and beyond. Students will use technology and other skills to select target markets, profile customers, evaluate opportunities, develop strategies, create a business plan, and acquire financing for a new venture. Students will develop a business plan for a new venture. Managing customer relationships and appropriate business communication are emphasized.		No
1067	Investing and Wealth Management	.50	1	Investing and Wealth Management for all students who want to become better informed on financial subjects. Students will learn the fundamentals of decision-making, setting financial goals, obtaining income from multiple sources, budgeting, tax implications, credit, and risk management. Students will analyze the basics of financial documents, including balance sheets, income statements, cash flow statements, and financial ratios, to enable students to see the financial viability of potential investments. They will choose and track investments throughout the semester and will learn about various career options in investing and finance.		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1069	Business Foundations	.50	1	This hands-on course is designed as an introduction to business. The purpose is to give students a broad overview of business disciplines that will impact their personal and professional lives. Students will better understand the American business world and its place in our social, economic, and global environment. Types of businesses, marketing in today's world, buying goods and services, and various types of money management will be explored. Practical business applications and projects will be a part of this class. Students can expect business-related projects, presentations, and guest speakers.		No
1073	Intro to IT Careers	.50	1	This course provides students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn about safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.		No
1068	PLTW Computer Science Essentials	1.0	2	PLTW Computer Science Essentials is an entry-level class for new high school computer science (CS) learners. Students who have prior CS experiences will find ample opportunity to expand upon those experiences in this course. All students who take CSE will have many opportunities for creative expression and exploration in topics of personal interest, whether through app development, web design, or connecting computing with the physical world. <i>(See your school counselor if you would like to use this course to satisfy an advanced science or Alg. 2 course or beyond; parent consent required).</i> Career Pathways: Information Technology and Science, Technology, Engineering, and Mathematics		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1070	PLTW AP Computer Science Principles	1.0	2	PLTW AP Computer Science Principles teaches students about seven big ideas in the field of computer science such as creativity, programming, pattern recognition, the Internet, cybersecurity concerns, and the impact of computers in the modern world. Advanced Placement Computer Science Principles also allows students to use current technologies to create computational artifacts for self-expression and problem-solving. Additionally, by the conclusion of this course, students will be prepared to take the AP Computer Science Principles exam offered by the College Board. <i>(See your school counselor if you would like to use this course to satisfy an advanced science or 4th credit of math parent consent required).</i> Career Pathways: Information Technology and Science, Technology, Engineering and Mathematics	Computer Science Essentials	Yes
1072	PLTW AP Computer Science A	1.0	2	PLTW AP Computer Science A teach students how to develop computer desktop and Android mobile applications. By the end of this course, students will be confident and proficient at programming in Java. Java is one of the most popular object-oriented programming languages used in the world today and is used in devices such as Android devices, TVs, robotics, IoT, and much more. Students will begin the course with an elementary introduction to programming in Java and end the course with making mobile applications with Android Studio and Java. Additionally, by the conclusion of this course, students will be prepared to optionally take the AP Computer Science A exam offered by the College Board. <i>(See your school counselor if you would like to use this course to satisfy an advanced science or 4th credit of math parent consent required).</i> Career Pathways: Information Technology and Science, Technology, Engineering and Mathematics	AP Computer, Science Principles or Computer Science Programming with Java	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1085	Cybersecurity Academy	1.0	2	Explore the ever-growing and far-reaching field of cybersecurity and explore concepts such as secure information technology systems, protection against cyber threats, and the ethical impact of cybersecurity situations. This course offers engaging, real-world challenges that help develop computational thinking and computer science knowledge and skills. PLTW curriculum is used for this course. Career Pathways: Information Technology and Science, Technology, Engineering and Mathematics		No
1095	 GenYes	1.0	2	 THIS IS A BLENDED LEARNING CLASS GenYES students learn cutting-edge technologies and collaborate directly with teachers to implement 21st century skills into the classroom. Students develop and refine their information and technology literacy skills, as well as research, writing, presentation, mentoring, project development, and leadership skills. Participants apply these skills by collaborating with teachers and assisting them with technology integration. Skills taught include an overview of computer technologies, concepts, terminology and functions of computers in education, business and society. Students assist peers in troubleshooting technology issues by managing a student-led help desk in the high school Media Center. This course is open to students in grades 10-12, but the class size is limited to 30 students. Open to students in Grades 10-12. Career Pathway: Informational Technology	School Counselor Recommendation	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1700	Young Professionals Academy 	.50	1	Students complete two internship experiences during the semester or one single internship if it is through their CTE program, providing the opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks. The course will be delivered through the use of a blended model of instruction. Students will be expected to complete online modules, a field experience, and a reflection paper.	Juniors and Seniors	No
1700H	Young Professionals Honors Academy 	.50	1	Students complete two internship experiences during the semester or one single internship if it is through their CTE program providing the opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks. This course will be delivered through the use of a blended model of instruction. Students must complete online modules, a field experience, an extensive research paper, and a formal presentation, including various stakeholders.	Juniors and Seniors	Yes

Career-Technical Education

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1560	Allied Health 1 - <i>Mentor</i>	2.0	2	Allied Health is a two-year program designed to provide students with basic healthcare skills necessary for an entry-level position in the medical field and provide an educational foundation for students to continue their education at a postsecondary institution. The first of this program will provide an introduction to anatomy and physiology, medical terminology, diseases including procedures and treatment for those diseases, body systems and structure, mental health, and medical skill practice. Students will apply knowledge in a hands-on learning environment. Students will also learn therapeutic communication, problem-solving techniques, and intervention strategies to provide a safe and trusting environment for patients, their families, employers, and medical staff. Students will be required to pay a class fee.		No
1561	Allied Health 2 - <i>Mentor</i>	2.0	2	Allied Health is a two-year program designed to provide students with the basic healthcare skills necessary for an entry-level position in the medical field and provide an educational foundation for students to continue their education at a postsecondary institution. In the second year of the program, students will apply their knowledge and healthcare skills in an authentic patient care setting through clinical rotations. Skills include CPR, CNA training (Certified Nursing Assistant), patient-centered care, care planning, and health career awareness. Students will learn to assist patients with daily living and fundamental tasks, perform accurate vital signs, assist in a variety of medical treatments, and perform tasks donning proper personal protective equipment and maintaining sterility. Students will receive at least 75 hours of state-approved CNA curriculum through classroom instruction and clinicals. Immediate career opportunities for students completing the Allied Health Program may include CNA, patient care assistant, or home health aide. Students will be required to pay a class fee.	Successful completion of Level 1	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1566	Auto Service Technology 1	3.0	2	Students in this program will be trained in engine repair and performance, automatic transmission and transaxles, manual transmissions, drive trains and axles, brakes, electrical systems, heating, and air conditioning. This two-year program offers one period of related theory in the classroom and three hours of lab practice on automobiles. In the second semester of the second year, students will begin early release to get to a job site in the automotive field. Students will be required to pay a class fee.		No
1567	Auto Service Technology 2	3.0	2	Students in this program will be trained in engine repair and performance, automatic transmission and transaxles, manual transmissions, drive trains and axles, brakes, electrical systems, heating, and air conditioning. This two-year program offers one period of related theory in the classroom and three hours of lab practice on automobiles. In the second semester of the second year, students will begin early release to get to a job site in the automotive field. Students will be required to pay a class fee.	Successful completion of Level 1	No
1568	Sports Medicine Academy	2.0	2	Sports Medicine is a two-year program. In year 1, students will apply procedures and techniques used in athletic training and in the care and rehabilitation of athletic injuries and therapeutic exercise. Topics include injury prevention, conditioning, and wound care techniques of the musculoskeletal system. Students will learn techniques in the analysis of mechanical factors related to human movement. In addition, current trends, technology, legal considerations, and the role of exercise science in relation to other health fields will be emphasized. Students will increase their knowledge of comprehensive health and wellness. Students will be able to identify the components of fitness and communicate the relationship between physical fitness, physical performance, injury prevention, and nutritional intake. Students will evaluate an individual's state of nutrition based on the impact of personal choices and social, scientific, psychological, and environmental influences. Students will calculate an individual's kilocalorie burn rate and recommend an ideal diet and physical fitness plan. Students will be required to pay a class fee.		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1569	Sports Medicine 2 - Euclid High School Coming in 2026-2027 Sports Medicine Career Academy 2 located at Mentor High School	3.0	2	Exercise Science is a two-year program. In year 2, students will identify signs and symptoms of injury and apply emergency procedures and techniques used in the immediate care of athletic-related trauma. Students will learn clinical and field evaluative processes, injury prevention techniques, conditioning techniques, treatment, taping, bracing, and rehabilitation of musculoskeletal injuries and conditions. Students will design and implement conditioning programs, including nutritional considerations and ergogenic aids. Emphasis is placed on the synthesis of information gathered through injury history, observation, and manual muscle testing. Students will also focus on the applications of the rules for constructing and defining medical terms, emphasizing building a working medical vocabulary. Topics include using the appropriate abbreviations and symbols for anatomical, physiological, and pathological classifications and the associated medical specialties and procedures. Students will decipher medical terms by identifying and using word elements with an emphasis on derivation, meaning, and pronunciation. Further, students will interpret and translate medical records and documents. Students will be required to pay a class fee.	Successful completion of Level 1	No
1570	Mentor Fire EMT Academy (Senior Only)	3.0	2	Mentor Fire EMT Academy is a one-year program where students will explore health and safety careers such as firefighting and EMT/paramedic. Students will use medical and diagnostic equipment to perform detailed medical and trauma patient assessments. Class fee is determined by host location.		No
1572	Mentor Fire EMT Academy 1 (New 2025-2026)	1	2	The Mentor Fire EMT Academy 1 serves as the introductory year of the program, offering students an engaging opportunity to explore careers in health and safety. This foundational year focuses on developing essential knowledge and skills in medical terminology and the human body's structure and function. By doing so, it provides a solid base for students interested in pursuing emergency medical services, firefighting, or related healthcare professions.		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1570	Mentor Fire EMT Academy 2 <i>Coming in 2026-2027</i>	3.0	2	Mentor Fire EMT Academy 2 is the second year of the academy, where students will explore health and safety careers such as firefighting and EMT/paramedic. Students will use medical and diagnostic equipment to perform detailed medical and trauma patient assessments. Class fee is determined by host location.	Successful completion of Level 1	No
	Robotics and Engineering Academy 1			Robotics and Engineering is a two year program. In year 1, Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software and document their work in an engineering notebook. Through engaging and challenging problems, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. They develop skills in problem-solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Students will be required to pay a class fee.		
	Robotics and Engineering Academy 2 <i>Coming in 2026-2027</i>			Robotics and Engineering is a two year program. In year 2, students are introduced to the process of combinational and sequential logic design. The system uses a precise sequence of discrete voltages, representing numbers, non-numeric symbols, or commands for input, processing, transmission, storage, or display. Engineering standards and methods for technical documentation will also be learned. Students will also apply the knowledge and skills to program, safely operate, and troubleshoot industrial Robots. The students will learn industrial robotic operations and system configurations. Throughout the course, students will code, compile, and debug programs using an industrial robotic programming language.		

1576	Manufacturing Academy	3.0	2	Manufacturing Academy is a program designed to equip students with a comprehensive understanding of the manufacturing process, from initial design to the final product. Students will gain hands-on experience in key areas, including: • Blue Print Reading • Measurement tools and hand tools usage • CNC setup, operation, and programming • Quality control principles • Precision turning and milling In the second quarter of the program, students will have the opportunity to participate in internships. These experiences allow them to explore different aspects of manufacturing, tour organizations, and engage in work-based learning to apply their skills in real-world settings. Students will be required to pay a class fee.		No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1577	Programming and Software Development 1	2.0	2	This curriculum prepares students for Programming and Software Development careers, blending academic and technical subjects that emphasize problem-solving and critical thinking. Students will be instructed in computer programming logic, visual programming, object-oriented programming, web development, and analysis and design. Successful completion of this program may lead to internships, industry certifications, and college preparation. Students will be required to pay a class fee.		No
1577H	Programming and Software Development 1 Honors	2.0	2	This curriculum prepares students for Programming and Software Development careers, blending academic and technical subjects that emphasize problem-solving and critical thinking. Students will be instructed in computer programming logic, visual programming, object-oriented programming, web development, and analysis and design. Successful completion of this program may lead to internships, industry certifications, and college preparation. The honor's pathway includes industry certification preparation in programming, PHP scripting during web programming, and SkillsUSA Career Essentials Fundamental training. Students will be required to pay a class fee.		Yes

1578	Programming and Software Development 2	2.0	2	This curriculum prepares students for high-tech careers. Blending academic and technical subjects that emphasize problem-solving and critical-thinking skills, students will be instructed in computer programming, computer software applications, accounting applications, hardware organization, and systems. Successful completion of this program may lead to a bachelor's degree, internship programs, a two-year associate degree, and/or employment as an Information Systems Technician. Students will be required to pay a class fee.	Successful completion of Level 1	No
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Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1578H	Programming and Software Development 2 Honors	2.0	2	This curriculum builds from the Programming and Software Development I course and continues technical and industry knowledge. Students learn Database programming, mobile application development, scripting, and business practices. Students will partner with businesses and industries to roll out IT solutions during analysis and design: Agile development. Successful completion of this program may lead to internships, industry certifications, and college preparation. The honor's pathway includes industry certification preparation in SQL and ITIL, SkillsUSA Career Essentials Advanced training, and developing an online portfolio of projects and career-related experiences. Students will be required to pay a class fee.	Successful completion of Level 1	Yes
1579	Construction Management 1	3.0	2	The Construction Management program is a two-year high school and college career path linked to business, industry, and labor that ensures a seamless pathway from high school to college to careers in Construction. It provides technical preparation in a career field such as a construction laborer, general contractor, engineering technology; applied science; mechanical, industrial, or practical art of the trade, and applied business practices. The student will learn site		No

				development, managing the supervisor's role, planning and coordination, renovation processes, and hands-on construction applications. Students will be required to pay a class fee.		
1580	Construction Management 2 -	3.0	2	The Construction Management program is a two-year high school and college career path linked to business, industry, and labor that ensures a seamless pathway from high school to college to careers in Construction. It provides technical preparation in a career field such as engineering technology; applied science; mechanical, industrial, or practical art of the trade, and applied business practices. The student will learn site development, managing the supervisor's role, planning and coordination, renovation processes, and hands-on construction applications. Students will be required to pay a class fee.	Successful completion of Level 1	No
1590	Culinary Arts 2 - <i>Euclid High School</i>	3.0	2	In the second year, students learn about stocks, sauces, soups, meats, poultry, fish, seafood salads, dressings, menu planning, restaurant operations, and more. The class fee is determined by the host location.	Successful completion of Level 1	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1593	Teaching Professions Year 1- Mentor High School	2.0	2	Teaching Professions is a two-year program. In year 1, Students will research the historical perspectives and theories of education used in the forming of their own personal educational philosophy. Students will assess legal, ethical, and organizational issues. Additionally, students will assess developmentally appropriate practices and identify challenging issues associated with teaching children with diverse needs. Career planning, professional guidelines, and ethical practices will also be emphasized. Students will examine and apply the theoretical foundations of human growth and development to children and adolescents. Additionally, learners will determine children's learning styles; stages of social, emotional, cognitive, and physical development; and needed accommodations in educational settings. Throughout the course, family and community engagement, cultural influences on learners, and language growth and development will be emphasized. During the first year, students participate in a supervised in-school laboratory located on the school premises. They observe children's		No

				development and apply this knowledge while assisting in the preschool classroom. Students are required to pay a class fee.		
1594	Teaching Professions Year 2	2.0	2	Teaching Professions is a two-year program. In year 2, students will apply developmentally appropriate techniques to advance learners' social and emotional growth. They will create classroom environments to maximize the learning potential of each learner. Additionally, learners will create and enforce classroom rules, establish classroom routines, and model self-discipline for learners. Conflict resolution, positive discipline, and behavioral modification techniques will be emphasized throughout the course. Students will develop age-appropriate learning experiences and curricula to engage children and help them learn. They will determine curricular goals, create lesson plans, and employ grading and assessment strategies to measure targeted learning outcomes. In addition, students will develop online instruction using learning management system platforms.	Successful completion of Level 1	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1602	Robotics and Automation 2 - <i>Euclid High School</i>	3.0	2	Robotics and Automation is a two year program. In year 2, students are introduced to the process of combinational and sequential logic design. The system uses a precise sequence of discrete voltages, representing numbers, non-numeric symbols, or commands for input, processing, transmission, storage, or display. Engineering standards and methods for technical documentation will also be learned. Students will also apply the knowledge and skills to program, safely operate, and troubleshoot industrial Robots. The students will learn industrial robotic operations and system configurations. Throughout the course, students will code, compile, and debug programs using an industrial robotic programming language. Class fee is determined by host location.	Successful completion of Level 1	No

1605	Cardinal Works 1	2.0		Cardinal Works is a Job Training Coordinating Program providing support and assistance to students who require intensive support to transition from school to the work environment. Its goal is to help students obtain and maintain competitive or supported employment through individualized and community-based training, collaborating with business partners, and developing a support network. The Job Training Coordinating Program philosophy is based on the knowledge that people with significant disabilities are employable. Turning that belief into a reality is the function of the Job Training Coordinator (JTC). The primary objective is to match a student's abilities and interests with an employer's needs and provide the necessary support so that the student can succeed in the work environment. This occurs through a support network of individualized, on-the-job training facilitated by job coaches.	School Counselor Recommended	No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1606	Cardinal Works 2	2.0		Cardinal Works is a Job Training Coordinating Program providing support and assistance to students who require intensive support to transition from school to the work environment. The goal is to help students obtain and maintain competitive or supported employment through individualized and community-based training, collaborating with business partners, and developing a support network. The Job Training Coordinating Program philosophy is based on the knowledge that people with significant disabilities are employable. Turning that belief into a reality is the function of the Job Training Coordinator (JTC). The primary objective is to match a student's abilities and interests with the needs of an employer and provide the necessary support so that the student can be successful in the work environment. This occurs through a support network of individualized, on-the-job training facilitated by job coaches. Year 2 in Cardinal Works continues	School Counselor Recommended	No

				building the skills established in year 1 to help students hone their abilities and interests and align them with employer needs.		
1609	Business Administration Academy 1	1.0	2	Students learn business operations and decision-making and the efficient use of company resources necessary to work toward the common goals and objectives that keep a business or nonprofit organization healthy and growing. Students are prepared for success in business ownership, marketing, international business, accounting, and management. Students demonstrate the ability to use content and apply knowledge to real-world situations through simulations, projects, and DECA competitions. Students will be required to pay a class fee.		No
1609H	Business Administration Academy 1 Honors -	1.0	2	In addition to the learning objectives and experiences in the 1609 1 course, students enrolled in the Business Administration Academy 1 Honors will complete extension activities for each unit addressed in class, including Intellectual Property, Business Ownership, Digital Marketing, Sports Marketing, DECA, Accounting, International Business, and Business Management. Students in Business Administration 1 Honors will complete Customer Service and Sales Training through the National Retail Federation Foundation, providing the opportunity to earn the Customer Service and Sales Credential. Students will be required to pay a class fee.		Yes
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1610	Marketing and Business Administration (MBA) 2 Related - <i>Mentor</i> Business Administration Academy 2 coming in 2026-2027	2.0	2	This course challenges students by using the latest technology to examine the exciting marketing field. The curriculum, activities, and resources utilized in this course incorporate technology and the Internet with the fields of travel, tourism, and recreation marketing; business management and small business/entrepreneurship; fashion merchandising; business administration; and sports and entertainment marketing. Students demonstrate the ability to use content and apply knowledge to real-world situations. Topics include economics, marketing research and decision-making, domestic and international markets and influences, human resource development, ethics management, and financial analysis. Marketing simulations, projects, teamwork, DECA leadership activities, meetings, conferences, and competitions provide many opportunities for the application of instructional competencies. Students will be required to pay a class fee.	Successful completion of Level 1	No

				Students will be enrolled in 1700 Young Professionals or 1700H Young Professionals Honors for their work-based learning experience.		
1610H	Marketing and Business Administration (MBA) 2 Related Honors - <i>Mentor</i> Business Administration Academy Honors 2 coming in 2026-2027	2.0	2	In addition to the learning objectives and experiences in the 1610 MBA 2 Related course, students enrolled in the MBA 2 Related Honors course will complete extension activities for each unit addressed in class, which includes: Employability, Economics, Channel Management, Pricing, Financial Management, Marketing Research, Entrepreneurship. Students will complete the Entrepreneurship and Small Business Credential Training, providing the opportunity to earn the Entrepreneurship and Small Business Credential. Students will be required to pay a class fee. Students will be enrolled in 1700 Young Professionals or 1700H Young Professionals Honors for their work-based learning experience.	Successful completion of Level 1	yes
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1612	Entrepreneurship Academy 1 (New)	2.0	2	Students learn business operations and decision-making and the efficient use of company resources necessary to work toward the common goals and objectives that keep a business or nonprofit organization healthy and growing. They are prepared for success in business ownership, marketing, international business, accounting, and management. Through simulations, projects, and DECA competitions, students demonstrate the ability to use content and apply knowledge to real-world situations.		No
1612H	Entrepreneurship Academy Honors 1 (New)	2.0	2	This first-year course introduces students to the foundational principles of business and entrepreneurship, providing an overview of key topics such as Intellectual Property, Business Ownership, Digital Marketing, Sports Marketing, DECA, Accounting, International Business, and Business Management. Through hands-on projects and interactive activities, students will gain essential knowledge and skills for success in the business world.		Yes

				Additionally, students will complete Customer Service and Sales Training through the National Retail Federation Foundation, with the opportunity to earn the Customer Service and Sales Credential. A class fee will be required.		
1613	Entrepreneurship Academy 2 coming in 2026-2027	2.0	2	In this second-year course, students will build on the foundational concepts learned in Entrepreneurship Academy 1, diving deeper into key areas of business and entrepreneurship. Topics covered include Intellectual Property, Business Ownership, Digital Marketing, Sports Marketing, DECA, Accounting, International Business, and Business Management, with enhanced extension activities for each unit. This course emphasizes practical application and advanced skill development, preparing students for leadership roles in business and entrepreneurship. A class fee will be required.		No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1613H	Entrepreneurship Academy Honors 2 coming in 2026-2027	2.0	2	In this second-year course, students will build on the foundational concepts learned in Entrepreneurship Academy 1, diving deeper into key areas of business and entrepreneurship. Topics covered include Intellectual Property, Business Ownership, Digital Marketing, Sports Marketing, DECA, Accounting, International Business, and Business Management, with enhanced extension activities for each unit. This course emphasizes practical application and advanced skill development, preparing students for leadership roles in business and entrepreneurship. A class fee will be required. The honors track will have additional content and the opportunity to earn additional industry credentials.		Yes
1615	Studio Art and Visual Design-2 - Euclid High School	3.0	2	Skills in VIS/COM may lead to career opportunities in art departments of advertising agencies, commercial art supplies, art and display departments of major department stores, advertising departments or newspapers, sign and silk-screen companies,	Successful completion of Level 1	No

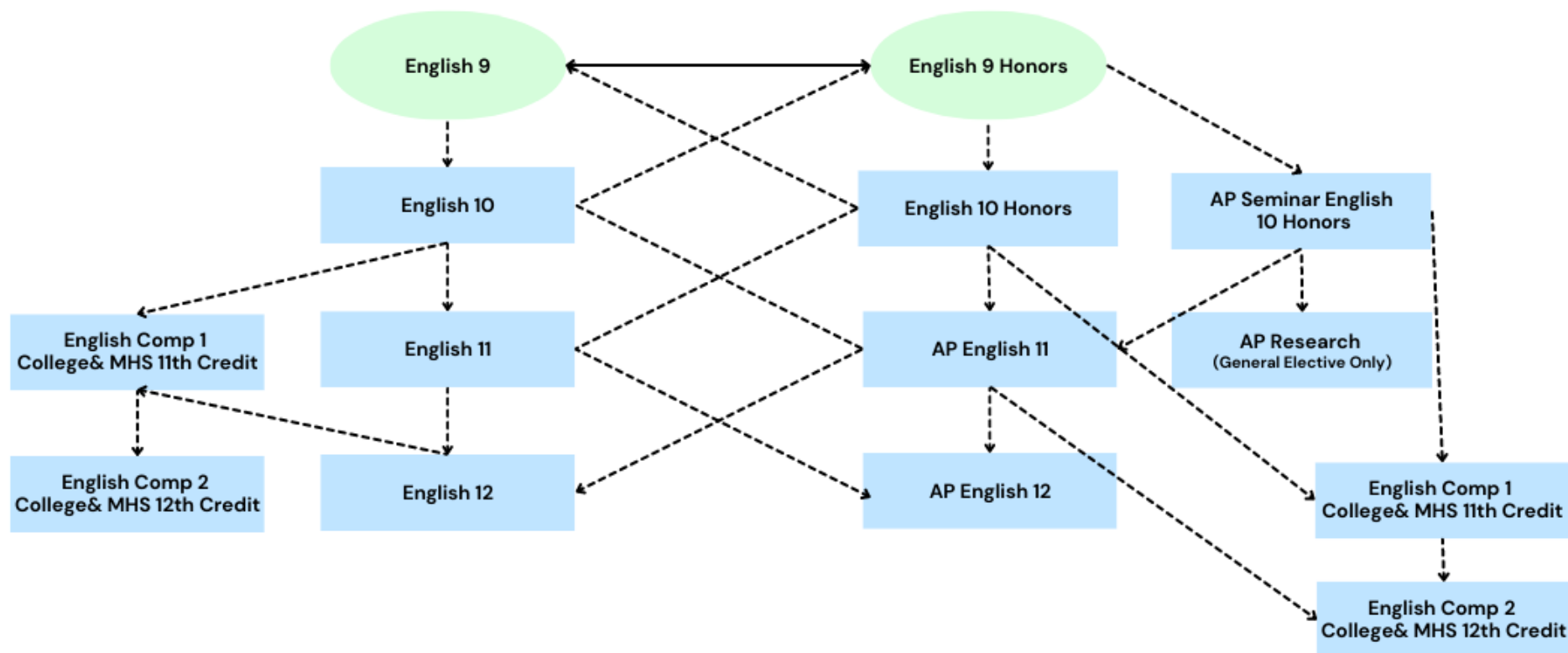
				photographic studios and suppliers, package designing and greeting card companies. Class fee is determined by host location.		
1654	Urban Agriculture 2 <i>Euclid High School</i>	3.0	2	Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports, and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion, and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified. Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices, including water and fertilizer distribution, lighting, ventilation, and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Class fee is determined by host location.	Successful completion of Level 1	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
CB1060	Workforce Ready Academy	1.0	2	The goals of the Workforce Ready Academy are designed to help students improve academic competence, graduate from high school, develop employability skills, implement a career plan and participate in a career pathway in preparation for postsecondary education and/or career. The LAB portion of the program provides work-based learning opportunities for student success.	School Counselor Recommended	No
CB1061	Workforce Ready Academy Lab	30	2	The goals of the Workforce Ready Academy) are designed to help students improve academic competence, graduate from high school, develop employability skills, implement a career plan and participate in a career pathway in preparation for postsecondary education and/or career. The Related portion of the program provides a combination of educational and work-based learning opportunities for student success.	School Counselor Recommended	No

	Criminal Investigation (Lakeland Community College) 			The one-year academy offers students the opportunity to explore two foundational courses from Lakeland Community College: CRMJ 1110 - Introduction to Criminal Justice and CRMJ 1230 - Crime Scene Investigation. Through CRMJ 1110, students will survey the complexities and diversity of the U.S. criminal justice system, gaining an overview of historical and contemporary legal issues, legislative policies, and the various theories, goals, strategies, and ethical practices within law enforcement, courts, and corrections. In CRMJ 1230, students are introduced to the essential practices of crime scene investigation. This course combines lectures, case studies, readings, and hands-on exercises to teach students about types of physical evidence, crime scene documentation, proper collection methods, and the scientific analyses that aid in criminal investigations. Together, these courses provide a comprehensive introduction to the field of criminal justice and the practical skills needed in crime scene investigation.		
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
	Welding (Lakeland Community College) 			The Welding Academy is a one-year program at Lakeland Community College that equips students with foundational skills in welding and metal fabrication. Through four essential courses, students gain hands-on experience with key welding techniques and equipment. In WELD 1330 - Basic GTAW (TIG), students learn Gas Tungsten Arc Welding for creating fillet and groove welds in various metals, while WELD 1340 - Basic FCAW and GMAW develops skills in Flux Cored and Gas Metal Arc Welding processes. WELD 1320 - Basic SMAW (Stick) focuses on Shielded Metal Arc Welding, emphasizing certification standards and manual equipment handling. Finally, WELD 1040 - Intro to Metal Fabrication/Mechanization provides a foundation in metal fabrication, safety, and the operation of welding machines and robotic equipment. Students will utilize safety gear, including helmets, gloves, and protective boots, ensuring they are prepared for		

				immersive, practical learning. This academy offers a thorough introduction to welding and prepares students for careers in the industry.		
	HVACR (Lake Erie College) College CreditPLUS			The HVACR Academy, offered in partnership with Lake Erie College, is a one-year program that introduces students to essential skills for careers in heating, ventilation, air conditioning, and refrigeration (HVACR). The program includes two foundational courses: AS 120, which covers core HVACR terminology, safety practices, tool handling, soldering and brazing techniques, as well as basic electrical principles, culminating in OSHA 10 certification. AS 121 builds on this foundation, focusing on the compression refrigeration cycle, refrigeration safety, and the proper use of tools and procedures specific to refrigeration, with students earning EPA 608 and ESCO A2L certifications. Together, these courses equip students with a solid grounding in HVACR fundamentals, preparing them for technical roles in the industry.		

English Flowchart



Elective Courses:

- Speech (.5 credit)
- Drama as Literature (.5 credit)
- Diverse Voices (.5 credit) – Full Online Course
- Journalism (1 credit) – Full Online Course
- AP Research (1 credit) – General Elective Credit Only
- English Composition 1 – Lakeland College Credit Course & 11th Grade English Credit (one semester= 1 credit)
- English Composition 2 – Lakeland College Credit Course & 12th Grade English Credit (one semester=1 credit)

English/Language Arts

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1304	English 9	1.0	2	This course expands the sequential development of communication skills: reading, writing, speaking, listening, and thinking. The study of informational text, nonfiction, prose, poetry, and drama continues with greater emphasis on literary concepts and classical works. The writing process continues with more complex skills: comparison/contrast, narration, personal journal, and research. Course requirements include reading and analyzing paired texts, identifying the meaning of new vocabulary within those texts, creating products using technology tools, and writing a research paper.		No
OL1304	  English 9	1.0	2	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This course expands the sequential development of communication skills: reading, writing, speaking, listening, and thinking. The study of informational text, nonfiction, prose, poetry, and drama continues with greater emphasis on literary concepts and classical works. The writing process continues with more complex skills: comparison/contrast, narration, personal journal, and research. Course requirements include reading and analyzing paired texts, identifying the meaning of new vocabulary within those texts, creating products using technology tools, and writing a research paper.		No
1305	English 9 Honors	1.0	2	This is an accelerated course that places emphasis on interpretive reading and critical thinking skills. Composition activities include further mastery of usage and mechanics, more complex writing skills, and the elements of style. The study of nonfiction, prose, poetry, and drama focuses on how form and content unite to create a memorable piece of literature. Course requirements include both formal and informal oral presentations, developing a thesis, and writing a research paper.	Teacher recommendation	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
OL1305H	  English 9 Honors	1.0	2	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This is an accelerated course that places emphasis on interpretive reading and critical thinking skills. Composition activities include further mastery of usage and mechanics, more complex writing skills, and the elements of style. The study of nonfiction, prose, poetry, and drama focuses on how form and content unite to create a memorable piece of literature. Course requirements include both formal and informal oral presentations, developing a thesis, and writing a research paper.	Teacher recommendation	Yes
1313	English 10	1.0	2	Students will encounter increasingly challenging content-area and literary texts. Texts will cover a broad range of fiction and nonfiction selections from around the world. Students will use context clues to identify the meaning of new vocabulary with emphasis on synonyms, suffixes, root words, etc. Students at this level will deliver research-based presentations and write formal expository, narrative, and persuasive extended responses and compositions that support a clear position about a topic, with special attention on citing textual evidence to support claims developed through analyzing texts.	English 9	No
1314	English 10 Honors	1.0	2	This is an accelerated course that emphasizes classical American and World literature as well as pieces of nonfiction in varying lengths. The class includes frequent expository writing and nightly homework. Course requirements include graded class discussions, oral presentations, a formal research paper, and summer reading.	English 9 and Teacher recommendation	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
OL1313	 English 10	1.0	2	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. Students will encounter increasingly challenging content-area and literary texts. Texts will cover a broad range of fiction and nonfiction selections from around the world. Students will use context clues to identify the meaning of new vocabulary with emphasis on synonyms, suffixes, root words, etc. Students at this level will deliver research-based presentations and write formal expository, narrative, and persuasive extended responses and compositions that support a clear position about a topic, with special attention on citing textual evidence to support claims developed through analyzing texts.	English 9	No
1315	AP Seminar	1.0	2	AP Seminar/English 10 honors is the foundational course for the AP Capstone program. Students will have opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students will explore real-world issues through a cross-curricular lens by applying concepts from other courses and considering multiple points of view. Students will read articles, research studies, and foundational and philosophical texts; listen and view speeches, broadcasts, and personal accounts; and experience artistic and literary works to gain a rich appreciation and understanding of issues. Students are assessed through two-course performance tasks that include a team project and presentation, a research-based essay and presentation, and a written exam. Current Mentor High School English 9 students must earn 3 or more points from the following to be eligible to enroll in AP Seminar: • PSAT Evidence-Based Reading and Writing (EBRW) Score of 480 or higher (1 pt.) • PSAT EBRW Score of 550 or higher (2 pts.) • Overall GPA of 3.50 or higher (1 pt.) • First-semester final grade B or higher in Honors English 9 (1 pt.) • First-semester final grade A or higher in English 9 (1 pt.) • English Teacher Recommendation (1 pt.) • Enrollment in an Honors Math, Science, or Social Studies course as 9th Grade Student (1 pt.)	Must earn 3 or more points from the seven areas listed in AP Seminar Course Description	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1319	AP Research	1.0	2	This is a general elective course, and students will be placed in their appropriate English course simultaneously. AP Research is the 2nd course in the AP Capstone program. AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of the product where applicable) and a presentation with an oral defense.	C or higher in AP Seminar	Yes
1317	English 11	1.0	2	English 11 helps the student consolidate the skills and knowledge needed for success in a two- or four-year college. This course is aligned with Ohio’s new learning standards and emphasizes reading fiction and nonfiction American literature and writing. Students will have nightly homework; a three-to-five-page research paper is required as well as formal oral presentations and assignments related to the summer reading.	English 10	No
OL1317	  English 11	1.0	2	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. English 11 helps the student consolidate the skills and knowledge needed for success in a two- or four-year college. This course is aligned with Ohio’s new learning standards and emphasizes reading fiction and nonfiction American literature and writing. Students will have nightly homework; a three- to five-page research paper is required, as well as formal oral presentations and assignments related to the summer reading.	English 10	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1318	AP English 11 Language & Composition	1.0	2	This course aligns with an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Students become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. Students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Both their reading and their writing should make students aware of interactions among a writer's purposes, reader expectations, and an author's propositional content, as well as the genre conventions and the resources of language that contribute to effectiveness in writing. The content of the course will prepare students for the AP Language and Composition exam.	English 10	Yes
LLENGL 1110 DE	English Composition 1 	1.0	1	This course focuses on the writing process and on the composition of expository writing assignments, including personal, informational, and critical essays. Students will read and analyze expository and imaginative texts (fiction, nonfiction, poetry, or drama). This course will be offered on the Mentor High School campus on our CCP Satellite Campus located in the Paradigm building.	Placement test	Yes
1321	English 12	1.0	2	English 12 helps the student consolidate the skills and knowledge needed for success in a two- or four-year college. The course emphasizes the analysis of both fiction and nonfiction texts. Course requirements include a research paper, formal essays, and oral presentations. Students will read and write independently and will be expected to come prepared to participate in class discussions and various individual and small-group assignments. Students will be required to pay a class fee.	English 11	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
OL1321	  English 12	1.0	2	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. English 12 helps the student consolidate the skills and knowledge needed for success in a two- or four-year college. The course emphasizes the analysis of both fiction and nonfiction texts. Course requirements include a research paper, formal essays, and oral presentations. Students will read and write independently and will be expected to come prepared to participate in class discussions and various individual and small-group assignments. The course will begin with assignments related to the summer reading, and nightly homework will be given throughout the year.	English 11	Yes
LLENGL 1120 DE	English Composition 2 	1.0	1	This course analyzes argumentative strategies, models, and texts. Students will focus on the research process: identifying sources through electronic and print-based research strategies, evaluating research materials, and integrating and synthesizing research material. The course culminates in the production of a fully documented argumentative paper. This course will be offered on the Mentor High School campus on our CCP Satellite Campus located in the Paradigm building.	LLEGNL1110 (Successful completion English Composition 1)	Yes
1349	AP English 12 Literature & Composition	1.0	2	This accelerated, college-level course is designed to prepare students to pass the AP Literature and Composition Examination prepared by the College Entrance Examination Board. It emphasizes the interpretation and analysis of major works of literary merit and their influence on humanity. Studies include prose, poetry, and dramatic works of fiction. Advanced techniques of expository writing are stressed. Students are expected to read critically so that they may write persuasive analytical literary arguments regularly. Requirements include: nightly reading homework; completion of a ten- to twelve-page research paper critiquing a major work of literature; participation in class discussion; and formal and informal class presentations. Summer reading is also assigned. Students will be required to pay a class fee.	English 11	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1336	Drama as Literature	.50	1	This course focuses on introducing drama and theatre as an enriching experience and art form. Areas of study and analysis include full-length plays, one-act plays, monologues, history of drama, improvisation, pantomime, blocking, staging, directing, and set design. Assignments and analysis in this course will blend individual, partner, and group activities. By the end of this course, students will know the basics of what it takes to competently evaluate, understand the language of, perform, and appreciate drama. Career Pathways: Arts, Audio/Video Technology Communication		No
1343	Journalism	1.0	2	This course will introduce the basic skills necessary to be a journalist and will greatly benefit students interested in a career in communications. Students will focus on news writing, editing, photography, layout/design, and other elements of production. Products will include articles, feature stories, podcasts, broadcasts, photo essays, and other multimedia creations. Students in this class will be required to write for the school newspaper. Open to students in Grades 9-12. Career Pathways: Arts, Audio/Video Technology Communication		No
1343H	Journalism Honors	1.0	2	This course will introduce the basic skills necessary to be a journalist and will greatly benefit students interested in a career in communications. Students will focus on news writing, editing, photography, layout/design, and other elements of production. Products will include articles, feature stories, podcasts, broadcasts, photo essays, and other multimedia creations. Students in this class will be required to write for the school newspaper. Students in the honors class will have additional writing requirements and will be involved in the editing portion of the publications. Open to students in Grades 9-12. Career Pathways: Arts, Audio/Video Technology Communication		Yes
1342	Speech	.50	1	Students will be taught a variety of interpersonal speaking skills with a strong focus on public speaking. Emphasis is given to preparing and presenting a variety of speeches: demonstrations, informative,		No

				persuasive, and impromptu. Students are required to write and present all speeches. Career Pathways: Arts, Audio/Video Technology Communication & Government and Public Administration & Education and Training		
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
OL1340	  Diverse Voices	.5	1	 THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. Diverse Voices encourages students to discover the value of reading multicultural voices, both fictional and nonfictional, with a focus on developing sophisticated readers and thoughtful writers who are prepared for college-level expectations. This standards-driven course will be structured thematically: the voices of reality; the voices of education; the voices of power; the voices of identity, the voices of wisdom, and the voices of change. The course will allow students to discover, develop, and display their diverse voices in our learning community.		No

Family and Consumer Sciences

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1232	Career & College Readiness Course Video	.50	1	Students will engage in class discussions, virtual environments, and hands-on activities in order to gain knowledge and strengthen skills necessary for a successful life after high school. Throughout the course, students will research careers and occupations, review postsecondary admission qualifications, develop interviewing skills, and create a plan for post-secondary success. Students will explore a variety of websites that may include LinkedIn, Ohio Means Jobs, and SchooLinks to gain helpful information related to careers and general career fields. Additional topics will include principles and techniques of professionalism, networking, communication, and leadership. This course will allow students to earn the OMJ Readiness Seal for graduation.		No

1228	Family Living	.50	1	Family Living focuses on healthy family functioning from a family system perspective. The skills and knowledge needed for a healthy functioning family are widely known: strong communication skills, knowledge of typical human development, good decision-making skills, positive self-esteem, and healthy interpersonal relationships. Family Living class explores societal issues — economics, education, work-family issues, marriage readiness, parenting, and elderly adults — within the context of the family. The class also reviews societal problems like substance abuse, domestic violence, unemployment, debt, and child abuse. Career Pathways: Human Services		No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1214	Gourmet Foods Course Video	.50	1	In a food lab setting, students will gain experience by preparing a variety of dishes, implementing knife skills, practicing cooking techniques, and using basic cooking & kitchen equipment. While working with classmates in a weekly lab setting, students will prepare recipes for main dishes, desserts, appetizers, and more, in order to gain hands-on kitchen experience. An emphasis will be placed on preparing, plating, and presenting foods in a visually appealing manner while maintaining a general level of nutrition. This course is recommended for any student who would like to build basic cooking skills and gain general kitchen knowledge. It is especially appropriate for students interested in a culinary arts career or related fields. Students will be required to pay a class fee. Career Pathways: Hospitality and Tourism		No
1216	Culinary Academy	1.0	2	Students will prepare food products and beverages according to standardized recipes in regular cooking labs. They will apply plating		No

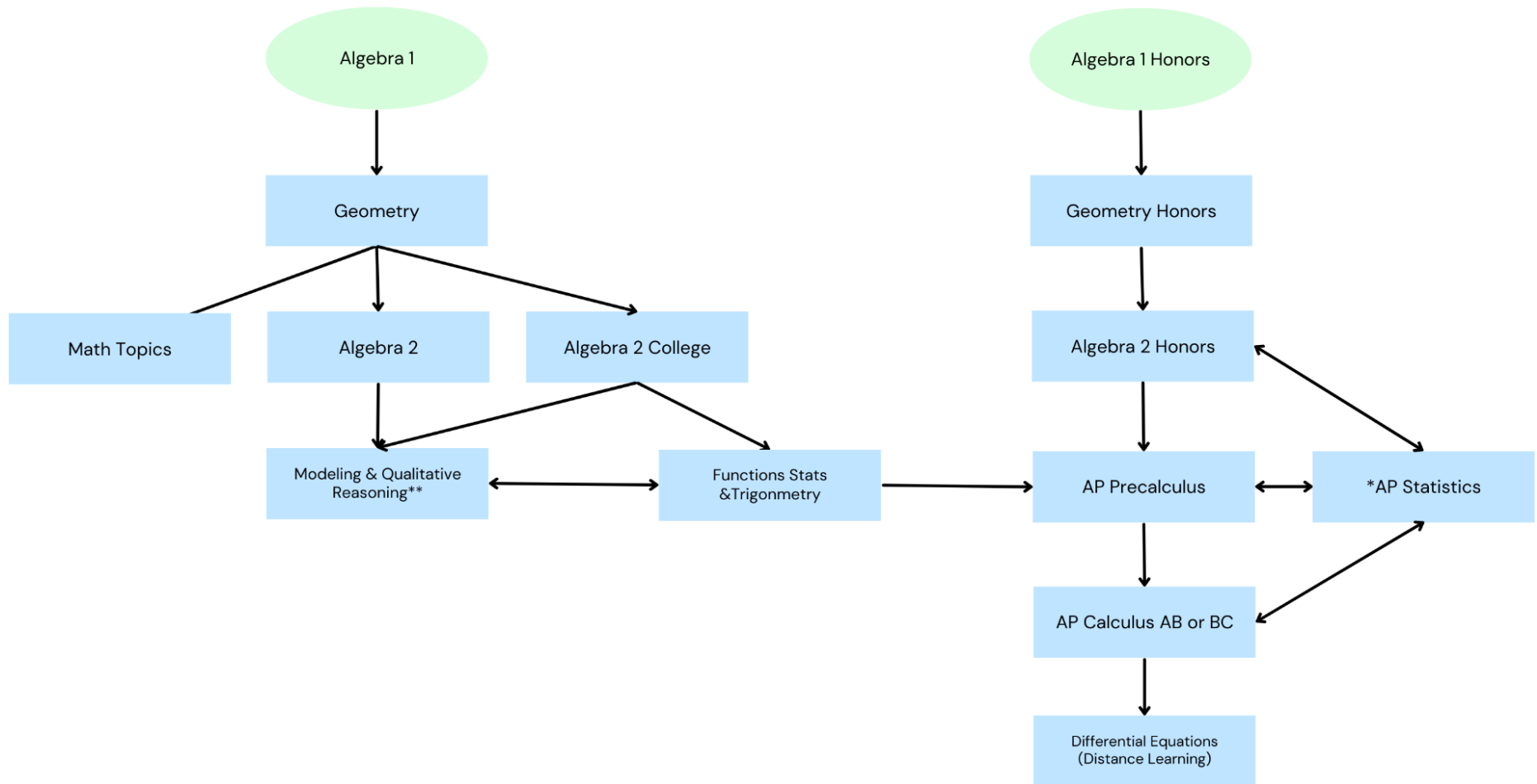
	Course Video			and presentation principles to deliver attractive menu items, establish food specifications and prep lists, and develop ingredient and portion control guides. Personal, food, equipment safety and sanitation, standard knife skills, and culinary math will be emphasized. Employability skills, leadership, and communications will also be incorporated. Students will apply management principles to plan, organize, and direct restaurant staff toward goal achievement. Students will select quality ingredients, determine food costs, and research and develop marketable new recipes and food concepts. Students will complete online modules and certifications for ServSafe, OSHA, and RISE-Up Retail. Career Pathway: Hospitality & Tourism		
1226	Parenting and Child Development Course Video	.50	1	This course examines the responsibilities that come with caring for a child and general child development. Students will have the opportunity to participate in a caregiver simulation involving a Baby Think it Over® infant simulator. Students will also focus on the physical, cognitive, social and emotional growth and development of children from birth through early childhood. Students will gain information related to skills needed to help children be successful throughout early childhood. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities, theories of development, and learning styles. This is an excellent course for students interested in any career related to children or early childhood education. Career Pathways: Human Services		No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1234	Teen Living	.50	1	Students will develop effective strategies and skills centered around six main areas of wellness to provide a strong foundation for personal success now and in life beyond high school. Through hands-on activities and projects, students will gain knowledge of the six main areas of wellness. Students will learn tips & tools for how to prepare for the challenges and choices they face in school, work, and home life. Students explore various problems relevant to teens today, such as social interactions, relationships, and risky behaviors. Strategies to manage stress, resolve conflicts, improve self-esteem, build healthy relationships, maintain personal health, and improve interpersonal		No

				communication will be gained through in-class activities and projects. This course is recommended for all students, especially those with an interest in a career in social services, human services, or any field involving children and adolescents. Career Pathways: Education and Training		
1208	Sports Nutrition Course Video	.50	1	This course teaches students how eating a nutritious, well-balanced diet can promote overall health, prevent disease, and enhance sports performance. Working with classmates, students will have a hands-on opportunity to learn how to cook healthy foods in weekly cooking labs. Cooking labs include foods such as energy bars, smoothie bowls, recovery shakes, and breakfast sandwiches, in addition to sampling superfoods and foods recommended for hydration. This course is recommended for all students interested in nutrition and health, both personally and as a future career option. Students will be required to pay a class fee.		No
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
OL1220	  Fashion and Interior Design	.50	1	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. Fashion and Interior Design Principles teaches students about the foundations of fashion and interior design, construction, and merchandising. In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze, and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textile products, including home interior accessories and garments.		No

Health and Physical Education

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1172	 Health	.50	1	 THIS IS A BLENDED LEARNING COURSE. This course provides the student with information and practical solutions to health issues relevant to adolescents in high school. The emphasis is placed on the development of individual "wellness" through an understanding and awareness of one's physical, mental, and social self. Course material during the 18 weeks deals with nutrition, mental health, family life, human sexuality, chemical substance use and abuse, infectious and noninfectious diseases, CPR and safety, and first aid.		No
1151	Physical Education 9	.25	1	This course combines lifetime fitness and recreational activities. Students will engage in a variety of activities designed to help them establish a foundation for a lifetime of health and wellness.		No
1162	Physical Education 10	.25	1	The intent of the class is to give students the opportunity for competition and to teach the values of sports etiquette, fair play, hard work, and teamwork by placing students in the roles of player, coach, official, statistician, and teammate. In Sports Education, students will experience flag football, indoor soccer, and volleyball (fall); students will experience volleyball, basketball, and softball (spring).	Physical Education 9	No
1163 1164	Conditioning	.25	1	This course is designed to prepare athletes for their individual sports seasons. AM Conditioning 6:45 am – 8:10 am / PM Conditioning 1:38 pm – 3:00 pm	No	No
1164 F	Conditioning (Freshmen only)	.25	1	This course is designed to prepare athletes for their individual sports seasons. AM Conditioning 6:45 am – 8:10 am / PM Conditioning 1:38 pm – 3:00 pm. Open to students in Grade 9.	Freshman status	No
1165 G 1165G (S1) 1165G (S2)	Conditioning (Girls only) Semester 1 (S1) Semester 2 (S2)	.25	1	This course is designed to prepare athletes for their individual sports seasons. NOTE: AM Conditioning 6:45 am – 8:10 am / PM Conditioning Mods 12/13/14	No	No

Math Flowchart



*AP Statistics can be taken at the same time as Algebra 2 Honors, Precalculus, or Calculus

**Modeling and Quantitative Reasoning can be taken at the same time of any course after Algebra 2

Mathematics

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1355	Algebra 1	1.0	2	This course provides the basic foundation of algebraic skills, such as operations with rational, irrational, and real numbers, simplifying expressions, and interpreting linear models. In addition, it includes manipulating, solving, and graphing equations and systems of equations. Linear, exponential, and quadratic functions and descriptive statistics are also explored.		No
1352	Algebra 1 Honors	1.0	2	This advanced course will focus on understanding the patterns of algebraic thinking and the application of that thinking to solve real-world problems. Students will learn operations with rational, irrational, and real numbers, simplifying expressions, and interpreting linear models. In addition, this course includes manipulating, solving, and graphing equations as well as inequalities. Systems of equations and inequalities, linear, exponential, quadratic, and absolute value functions as well as descriptive statistics, are also explored.	Teacher recommendation	Yes
1360	Algebra 2	1.0	2	This course builds on the topics presented in Algebra 1, Geometry, and Math Topics. The algebra portion of the course covers quadratic, polynomial, exponential, logarithmic, rational, and radical functions. The trigonometry portion of the course introduces radian measure, the unit circle, and basic trigonometric identities. The statistics portion of the course covers measures of central tendency, normal distributions and probability distributions. Only students who have passed the Math Topics course are eligible to take this class.	Math Topics	No
1363	Algebra 2 College	1.0	2	This course builds on the topics presented in Algebra 1 and Geometry. The algebra portion of the course covers quadratic, polynomial, exponential, logarithmic, rational and radical functions. The trigonometry portion of the course introduces radian measure, the unit circle and basic trigonometric identities. The statistics portion of the course covers measures of central tendency, normal distributions and probability distributions.	A grade of a “C” or higher in Algebra 1 and Geometry or teacher recommendation	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1364	Algebra 2 Honors	1.0	2	This course builds on the topics presented in Algebra 1 Honors and Geometry Honors. The algebra portion of the course covers quadratic, polynomial, exponential, logarithmic, rational, and radical functions. The trigonometry portion of the course introduces the radian measure, the unit circle, and basic trigonometric identities. The statistics portion of the course covers measures of central tendency, normal distributions, and probability distributions. This course will also explore sequences and series, including infinite series. Career Pathways: Science, Technology, Engineering, and Mathematics	Geometry Honors or teacher recommendation	Yes
1379	AP Calculus AB	1.0	2	This course introduces college-level mathematics and includes differential and integral calculus. Topics of study include limits of functions, the derivative and applications of the derivative, the definite integral, the transcendental functions, and methods and applications of integration. Students who complete the AP Calculus Exam are eligible for advanced placement at college and /or college math credit. Career Pathways: Science, Technology, Engineering, and Mathematics	AP Precalculus or equivalent College Credit Plus Math Course	Yes
1380	AP Calculus BC	1.0	2	This course is comparable to two semesters of college calculus. In addition to topics covered in AP Calculus AB, this course explores Taylor series and calculus used with parametric and polar functions. In addition to a thorough and in-depth study in calculus, students are assisted in preparing themselves to take the AP Calculus Exam. Students who successfully complete the AP Calculus Exam are eligible for advanced placement at college and/or college math credit. Career Pathways: Science, Technology, Engineering, and Mathematics	Grade of an “A” in AP Precalculus, Algebra 2, and Geometry or recommendation AP Precalculus can be replaced by the equivalent College Credit Plus Math Course	Yes
1377	AP Statistics	1.0	2	This course is an intensive year-long study in elementary functions and statistics and is comparable to courses offered at the college or university level. The breadth and depth of study are more rigorous than those found in the general statistics course. In addition to a thorough and in-depth study of statistics, students are assisted in preparing themselves to take the Advanced Placement Statistics Examination. Students who successfully complete the AP Statistics Exam are eligible for advanced placement at college and /or college math credit. Career Pathways: Science, Technology, Engineering, and Mathematics	Teacher recommendation	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1373	Functions/ Statistics/ Trigonometry (FST)	1.0	2	FST (Functions, Statistics and Trigonometry) is a math course designed for the college-bound student to be taken after successful completion of Algebra 2 College and prior to enrolling in precalculus and/or AP Statistics. The topics covered in the algebra portion of the course include: solving equations and inequalities, functions, exponents, matrices, and conic sections. The trigonometry topics covered include the unit circle, trigonometric graphs, equations, identities, and inverses. The statistics topics include measures of central tendency, standard deviation, normal curves, and probability. Career Pathways: Science, Technology, Engineering, and Mathematics	Algebra 2 College	No
1356	Geometry	1.0	2	This course is designed to acquaint students with the unique properties of shapes and figures in both plane and solid geometry. Topics include measurement of length, area, and volume, estimation, formulas and equations, ratios and proportions, applications of geometric principles, and elementary proofing techniques. Students will be required to pay a class fee.	Algebra 1	No
1362	Geometry Honors	1.0	2	This is a rigorous course designed for college-bound math students to acquaint them with the formulas and properties of shapes associated with both plane and solid geometry. Emphasis is placed on the study of congruence, constructions, similarity, right triangles, trigonometry, circles, coordinate geometry, geometric measurement and dimensions, geometric modeling, and probability. Great attention in this course is paid to formal proof writing as a means to reason deductively and to demonstrate that a given conclusion follows logically from other accepted statements. Students will be required to pay a class fee.	Algebra 1 Honors or teacher recommendation	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1365	AP Precalculus	1.0	2	Students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Furthermore, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type. Students who successfully complete the AP Precalculus Exam are eligible for advanced placement at college and/or college math credit.	Algebra 2 Honors or teacher recommendation	Yes
1370	Modeling & Quantitative Reasoning	1.0	2	This course emphasizes incorporating mathematical concepts into real-world scenarios. The course builds on the topics presented in Algebra 1, Geometry, and Algebra II. Students will learn about problem-solving, critical thinking, mathematics concepts in personal finance, probability, statistics, visual and spatial modeling, and discrete mathematics. Students will be asked to analyze and interpret real-world quantitative information in the context of a certain area, such as sports statistics, a career field, investing and borrowing money, and games of chance, in order to draw conclusions that are relevant to students' daily lives.	Algebra 2 or teacher recommendation	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1378	Math Topics	1.0	2	This math course is designed for students who need to strengthen their skills to make them successful in Algebra 2. The curriculum covers the essentials of mathematics, linear functions, systems of equations, functions, quadratics, geometry topics, statistics and probability, and real-life applications. Students who have earned a C or better in both Algebra 1 and Geometry are not eligible for this course, with the exception of students who have not passed the math portion of the State's End of Course Exam.	Teacher recommendation	No
LLMATH 1650 DE	College Algebra 	1.0	1	This course investigates relations and functions numerically, analytically, and graphically. Topics include solutions of polynomial and rational equations and inequalities; exponential and logarithmic equations; systems of linear and nonlinear equations; conic sections; sequences and series; and mathematical modeling. Students will need to supply a graphing utility; the instructor will provide details. This course will be offered on the Mentor High School campus.	Algebra 2 and placement test	Yes
LLMATH 1700 DE	Trigonometry 	1.0	1	This course includes the study of trigonometric functions and inverse trigonometric functions and their graphs; solutions of right and oblique triangles and their applications; solutions of trigonometric equations; the use of identities, vectors, and complex numbers; and graphs of polar and parametric equations. Students will need to supply a graphing utility; the instructor will provide details. This course will be offered on the Mentor High School campus. Career Pathways: Science, Technology, Engineering, and Mathematics	CCP College Algebra and placement test	Yes

Music

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1425	Freshman Band	1.0	2	This instrumental ensemble is composed of 9th-grade students. Freshman band performs a variety of music from the OMEA high school recommended list. This ensemble offers an advancing approach to instrumental literature and ensemble playing with progressive techniques, music theory, and performance skills. Student participation in all scheduled performances is required. Placement within the band will be determined by an audition process. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Previous participation in band or meeting with the director for placement.	No
1428	Gray Band	1.0	2	This instrumental ensemble is selected by audition only. Membership shall not exceed ninety members. Emphasis is placed on fundamental techniques and skills for the performance of standard band literature. Student participation in all scheduled performances is required. Placement within the band will be determined by an audition process. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	No
1427	Scarlet Band	1.0	2	This instrumental ensemble is selected by audition only. Membership shall not exceed ninety members. Musicians in this ensemble will continue to develop and apply individual and ensemble music reading skills, instrumental performance techniques, and ensemble tone production at an advanced level. Music theory skills will be incorporated into daily rehearsals. Student participation in all scheduled performances is required. Placement within the band will be determined by an audition process. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	No

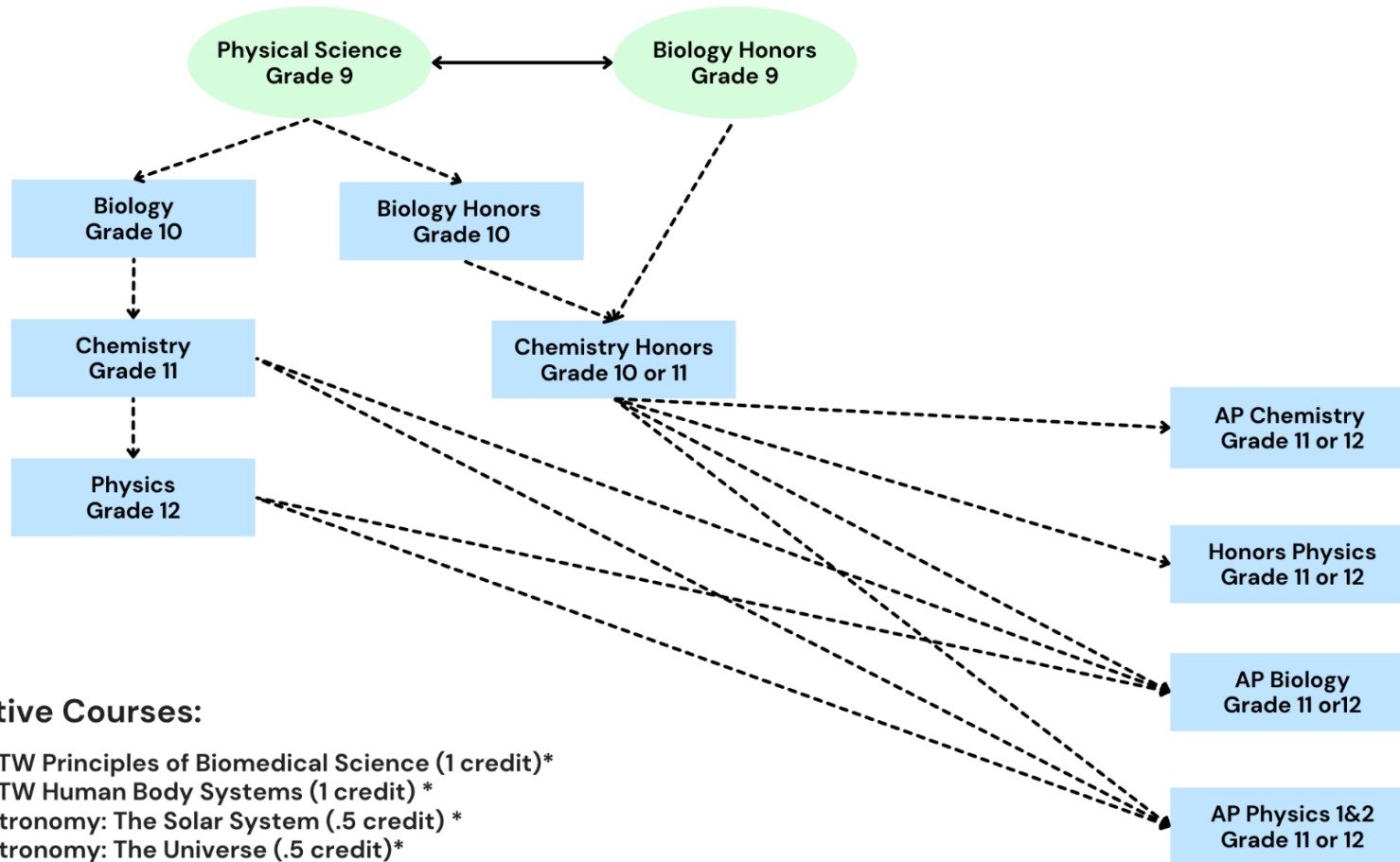
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1431	Symphony Orchestra	1.0	2	This orchestra course is built with the highest functioning String, Woodwind, Brass, and Percussion students within Mentor Schools. Each year, students in this ensemble will perform professional-level compositions. In order to be recommended for this course, students must score high enough on an entrance audition. These auditions occur in the spring and are open to any 8th-grade string student, any high school student who has completed the Concert Orchestra course, and any student who has completed the String Sinfonia course. Woodwind, Brass, and Percussion students who have been accepted into Scarlet Band or Wind Ensemble will also be permitted to submit an audition for Symphony Orchestra. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communications	Teacher recommendation based on audition	No
1431H	Symphony Orchestra Honors	1.0	2	This course will extend the content covered in course #1431. Students who elect to enroll in an honors music course will be expected to stretch their knowledge of music through the means of performance and/or scholarship outside of the school day. Placement audition and application to honors music course are required. Students are eligible for the course as juniors and can re-enroll as seniors. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	Yes
1435	String Sinfonia	1.0	2	This orchestra course, containing only string instruments, serves as a bridge from the entry-level high school course to our highest level course, The Symphony Orchestra. Students in this ensemble will not only be exposed to exercises that help improve their physical skills, but they will also be exposed to musical pieces from the “intermediate” high school level. With the conclusion of this course each year, every student will be given the opportunity to complete an audition that may place them in the Symphony Orchestra. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1439	Concert Orchestra	1.0	2	This high school orchestra course, containing only instruments from the string family, serves as a bridge from our middle school ensembles to our two higher-tier high school orchestra ensembles. Students in this ensemble will not only be exposed to exercises that help improve their physical skills but they will also be exposed to musical pieces from the “beginning” high school level. With the conclusion of this course each year, every student will be given an opportunity to complete an audition that may place them either in the String Sinfonia or Symphony Orchestra Courses. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	No
1429	Wind Ensemble	1.0	2	Wind Ensemble is designed to give students the opportunity to become acquainted with and perform the finest literature written for the band. All styles and music periods are studied and rehearsed for performance. Attendance at all performances is required. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	No
1429H	Wind Ensemble Honors	1.0	2	This course will extend the content covered in course #1429. Students who elect to enroll in an honors music course will be expected to stretch their knowledge of music through performance and/or scholarship outside of the school day. A placement audition and application to the honors music course are required. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	YES

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1414	Concert Mixed Choir	1.0	2	Concert Mixed Chorus is a selective SATB/SSAATTBB group of vocal musicians who have mastered basic vocal technique and music literacy. The emphasis is on the study of music literature, including extended works, genre & style relative to music history, and advanced performance skills and interpretation. Music studied will be at the AA and A levels of OMEA classification, both Sacred and Secular in nature. Placement audition required. Participation in required performances is mandatory and part of the quarterly evaluation. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communications	Teacher recommendation based on audition	No
1414H	Concert Mixed Honors	1.0	2	This course will extend the content covered in course #1414. Students who elect to enroll in an honors music course will be expected to stretch their knowledge of music through the means of performance and/or scholarship outside of the school day. Placement audition and application to honors music course are required. Students are eligible for the course as juniors and can re-enroll as seniors. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	Yes
1401	Bella Voce Chorus	1.0	2	Bella Voce is an entry level ensemble for Soprano and Alto musicians of various ability levels for students in grades 9-12. Emphasis will be on the study of vocal technique, independence in part-singing, increased music reading skills, ear training, and familiarity with various types of music from all periods and in all styles, both Sacred and Secular in nature. Music studies will be at the B or C levels of OMEA classification. Participation in required performances is mandatory and part of the quarterly evaluation. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1402	Cantare Chorus	1.0	2	Cantare is an entry-level ensemble for Tenor and Bass musicians of various ability levels for students in Grades 9-12. Emphasis will be on the study of vocal technique, independence in part-singing, increased music reading skills, ear training, and familiarity with various types of music from all periods and in all styles, both Sacred and Secular in nature. Music studies will be at the A or B levels of OMEA classification. Participation in required performances is mandatory and part of the quarterly evaluation. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation	No
1412	Concert Treble Chorus	1.0	2	Concert Treble Choir is an entry-level SSA/SSAA group of vocal musicians who have mastered many basic vocal skills and have excellent music literacy. The emphasis is on the study of music literature, including extended works, genre & style relative to the music history, and advanced performance skills and interpretation. Music studied will be at the AA and A levels of OMEA classification, both Sacred and Secular in nature. Placement audition required. Participation in required performances is mandatory and part of the quarterly evaluation. Students will be required to pay a class fee. Career Pathway: Art, Audio/Video Technology and Communication	Teacher recommendation based on audition	No
1445	AP Music Theory and Composition	1.0	2	AP Music Theory corresponds to one-to-two semesters of typical introductory college music theory and aural skills coursework. Students learn to recognize, understand, describe, and produce the basic elements and processes of performed and notated music. Students study these concepts in heard and notated music, with emphasis on the identification and analysis of musical features, relationships, and procedures in full musical contexts. Students develop musicianship skills through melodic and harmonic dictation, sight singing, and error detection exercises. Students will be required to pay a course fee. Career Pathway: Art, Audio/Video Technology and Communications	Previous participation in a high school musical arts course AND teacher recommendation	Yes

Science Flowchart



Elective Courses:

- PLTW Principles of Biomedical Science (1 credit)*
- PLTW Human Body Systems (1 credit) *
- Astronomy: The Solar System (.5 credit) *
- Astronomy: The Universe (.5 credit)*
- Engineering the Future (1 credit) *
- Environmental Science 1 (.5 credit)*
- Environmental Science 2 (.5 credit)*
- Science Research/Independent Study (1 credit)
- Intro to Health Careers (.5 credit)
- Marine Science (.5 credit) – *Full online course*
- AP Environmental Science (1 credit) – *Full online course*

College core classes are Biology–Chemistry–Physics

** Elective courses that count towards a 3rd year science credit

Science

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1461	Biology	1.0	2	The course emphasizes understanding the fundamentals of biology as they apply to daily life. Biology covers the scientific method, biochemistry, cell biology, photosynthesis, cellular respiration, molecular genetics, cell division, evolution, taxonomy, microbiology, and ecology. Students will be required to pay a class fee.		No
1462	Biology Honors	1.0	2	The course emphasizes understanding the concepts of Biology as they apply to a variety of organisms and insight and reasoning as a means of determining the answer to a problem or question. It provides the necessary background for AP Biology. Students must complete a quarterly lab project and pay a class fee.	Algebra 1 Honors and currently enrolled in Algebra 2 Honors or Geometry Honors or instructor approval	Yes
1463	AP Biology	1.0	2	This course is the equivalent of a college-level introductory biology course. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with the rapidly changing science of biology. Success on the AP exam usually results in college credit. Students will be required to pay a class fee.	Biology Honors, AP or Chemistry Honors or Chemistry with teacher recommendation and instructor approval	Yes
1481	Chemistry	1.0	2	This course provides students with the fundamentals of chemistry involving real-world applications and problem-solving skills. Success in chemistry is closely linked to success in mathematics. Students will be required to pay a class fee.	Biology and concurrent enrollment in Algebra II or a higher math	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1480	Chemistry Honors	1.0	2	This course is designed to give students a strong background in chemistry in preparation for college science courses. Students use a rigorous high school textbook to study challenging chemistry concepts. Emphasis is placed on detailed problem-solving and laboratory experiments. Students will be required to pay a class fee.	Biology or Biology Honors and concurrent enrollment in Algebra 2 Honors or a higher math	Yes
1495	AP Chemistry	1.0	2	This course follows a national curriculum with a college-level pace and difficulty. Students use a college-level text and are required to complete college level lab experiments. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Activities in this class are specifically designed to prepare students for the AP Chemistry Test. Students will be required to pay a class fee.	Chemistry/Honors and concurrent enrollment in Precalculus or instructor approval	Yes
1487	Intro to Health Careers	.50	1	This course provides students an overview of the opportunities available in the healthcare industry. Students will learn fundamental skills in effective and safe patient care that can be applied across a person's lifespan. <i>This course does not count towards the required 3.0 science credits for graduation purposes. Credit counts as general elective credit.</i> Career Pathways: Health Science		No
1459	Environmental Science I	.50	1	This course is designed for students interested in a comprehensive study of current environmental issues and how humans affect the environment. ES I studies an overview of environmental science, energy transfer in ecosystems, interactions of living and nonliving factors, and the study of populations of species in aquatic and terrestrial biomes. Students must participate in outdoor activities. Students will be required to pay a class fee. Career Pathways: Agriculture, Food and Natural Resources & Science, Technology, Engineering & Mathematics	Biology	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1460	Environmental Science 2	.50	1	This course is designed for students interested in the comprehensive study of current environmental issues and how humans affect the environment. ES II studies human population issues and the use of resources, including fossil fuels, land and water, alternative energy, recycling, and waste management. Students must participate in outdoor activities and pay a class fee. Career Pathways: Agriculture, Food and Natural Resources & Science, Technology, Engineering & Mathematics	Biology	No
UH1459	 AP Environmental Science	1.0	2	 THIS IS A FULLY ONLINE COURSE. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems that are natural and human-made, and prepare for the AP Environmental Science exam. Students evaluate the relative risks associated with these problems and examine alternative methods for resolving or preventing problems. Hands-on and virtual lab experiences support student content mastery. Open to students in Grades 11-12. <i>This course does not count towards the required 3.0 science credits for graduation purposes. Credit counts as general elective credit.</i> Career Pathways: Agriculture, Food and Natural Resources & Science, Technology, Engineering & Mathematics	Algebra 1 and two years of laboratory sciences	Yes
1485	Astronomy: The Solar System	.50	1	Students will gain knowledge and insight into the various bodies in the solar system, including the sun, planets, moons, meteoroids, asteroids, and comets. Through lab activities and demonstrations, students will explore our evolving understanding of these bodies and their interactions with Earth. Students will also learn to explain the movements of celestial objects through the use of the planetarium. This course is independent of Astronomy: The Universe. Open to students in Grades 11-12. Career Pathways: Science, Technology, Engineering & Mathematics	Successful completion of Algebra 1	No

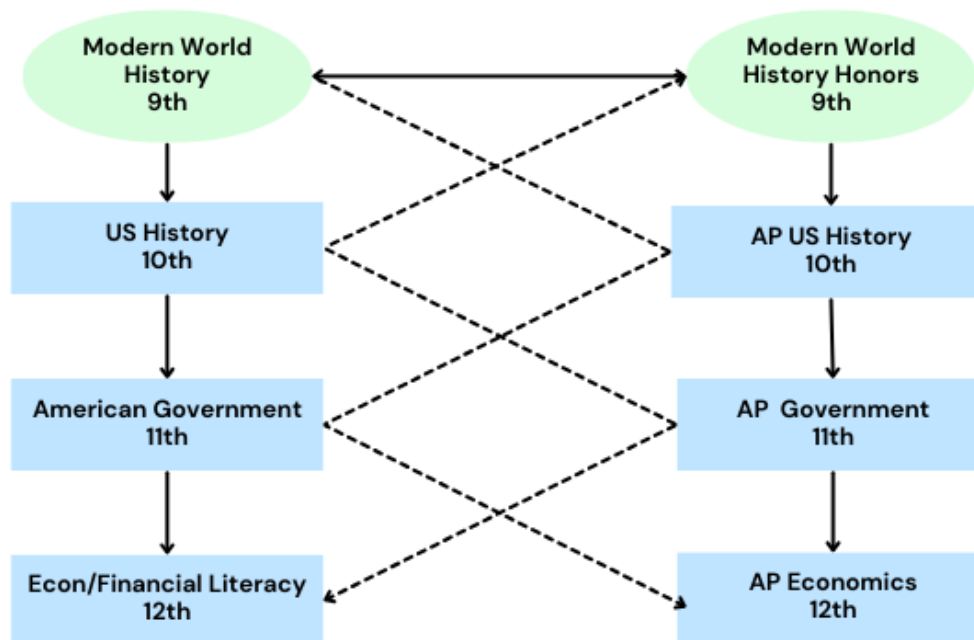
Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1486	Astronomy: The Universe	.50	1	Students will learn about the nature of light and its use in studying stars, galaxies, and objects outside our solar system. Lab and classroom activities will include star maps, stellar evolution, cosmology, and searching for extraterrestrial life. Students will utilize current technology (internet, apps, etc.) to aid in the exploration of our changing universe. This course is independent of Astronomy: The Solar System. Open to students in Grades 11-12. Career Pathways: Science, Technology, Engineering & Mathematics	Successful completion of Algebra 1	No
1450	Physical Science 9	1.0	2	This is a survey course using laboratory activities and demonstrations involving the basic concepts of physics, chemistry, and related principles in Earth and space sciences. Concepts include the nature of matter and energy, electricity, identifiable physical properties of substances, properties of forces that act on objects, structures and properties of atoms, how atoms react with each other to form other substances, and how molecules react with each other or other atoms. Earth and space science topics include star formation, galaxies, Earth's interaction with the solar system, and gravitational forces. Students will be required to pay a class fee. Career Pathways: Science, Technology, Engineering & Mathematics		No
1458	Engineering the Future	1.0	2	Through practical, real-world connections, students have an opportunity to see how science, mathematics, and engineering are part of their everyday world. Students take on the role of engineers and apply the engineering design process to define and solve problems by inventing and improving products, processes, and systems. Students learn to apply energy principles to thermal, fluid, and electrical systems. Students develop an understanding of how advances in technology affect human society and how human society determines which new technologies will be developed. Students will be required to pay a class fee. Career Pathways: Science, Technology, Engineering and Mathematics, and Architecture and Construction	Successful completion of Biology	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
UH1451	 Marine Science	0.5	1	 THIS IS A FULLY ONLINE COURSE. Students delve deep into Earth's bodies of water and study geologic structures and how they impact oceans. They investigate the characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in the ecosystems. Students have the opportunity to explore the relationships among living organisms and see how they are affected by the oceans' currents, tides, and waves. Students will be required to purchase and complete a dissection. Open to students in Grades 11-12. <i>This course does not count towards the required 3.0 science credits for graduation purposes as it is not an advanced science course.</i> Career Pathways: Agriculture, Food and Natural Resources & Science, Technology, Engineering & Mathematics	Successful completion of Biology	No
1483	Physics	1.0	2	Physics will acquaint the student with the concepts of mechanics, electricity, magnetism, light, heat, sound, and nuclear physics. Emphasis is placed on demonstrations and laboratory exercises that verify the physical laws that govern the universe. Students will be required to pay a class fee. Career Pathways: Agriculture, Food and Natural Resources & Science, Technology, Engineering & Mathematics	Algebra 2 and Chemistry	No
1482	Physics Honors	1.0	2	This course involves frequent hands-on laboratory experiments, using the computer to collect and analyze data. Studying the fundamental laws of mechanics, light, sound, electricity, magnetism, and nuclear physics will help students interested in science, medicine, or engineering in college. Students will be required to pay a class fee. Career Pathways: Agriculture, Food and Natural Resources & Science, Technology, Engineering & Mathematics	Successful completion of Chemistry and current enrollment in Precalculus or recommendation	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1493	AP Physics 1 and 2	1.0	2	AP Physics 1 and 2 is equivalent to two first-semester college courses in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound; fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. This course presents a rigorous and engaging experience for students focusing on testable explanations and predictions of natural phenomena. Students will be required to pay a class fee. Career Pathways: Science, Technology, Engineering & Mathematics	Calculus AB or BC (can be concurrent)	Yes
1465	PLTW Principles of Biomedical Science	1.0	2	This inquiry-based science elective is the introductory course to the PLTW Biomedical Science program. Students explore concepts of biology and medicine to determine the factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. Students will be required to complete a dissection. Open to students in grades 9-11. Students will be required to pay a class fee. Career Pathway: Health Science & Science, Technology, Engineering & Mathematics	Successful completion of Biology course or taking Biology concurrently	No
1467	PLTW Human Body Systems -	1.0	2	Students will examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real-world cases, and often play the role of biomedical professionals to solve medical mysteries. Dissections are required. Students will be required to pay a class fee. Career Pathway: Health Science & Science, Technology, Engineering & Mathematics	C or above in Principles of Biomedical Science or teacher approval	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1471	Science Research/ Independent Study	1.0	2	This course provides students with an outline of methods used for doing a science research experiment and the appropriate use of statistics as proof of experimental validation. This course is the ultimate PBL, with students taking on Master's level projects that they develop and present at our local and regional science fairs. Students spend hours each week working in labs performing bench work, exhibiting their work at team presentation conferences, and attending weekly meetings with their mentors. Upon completion of the course, students will have a project that will be presented to Mentor High School faculty for evaluation. Students are responsible for their transportation. <i>This course does not count towards the required 3.0 science credits for graduation purposes. Credit counts as general elective credit.</i> Career Pathways: Science, Technology, Engineering & Mathematics		No
1471H	Science Research Honors/ Independent Study	1.0	2	Outlines methods used for completing science research experiments and the appropriate use of statistics as proof of experimental validation. This course is the ultimate PBL, with students taking on Master's level projects that they develop and present at our local and regional science fairs. Students spend hours each week working in labs performing bench work, exhibiting their work at team presentation conferences, and attending weekly meetings with their mentors. Upon completion of the course, students wanting to earn honors credit will be expected to create a project to be exhibited at the Northeast Ohio Science and Engineering Fair and the Ohio of Academy of Sciences Western Reserve Science Day. Students are responsible for their own transportation. <i>This course does not count towards the required 3.0 science credits for graduation purposes. Credit counts as general elective credit.</i> Career Pathways: Science, Technology, Engineering & Mathematics		Yes

Social Studies Flowchart



Elective Courses:

- Psychology (.5 credit)
- World Geography (.5 credit)
- Contemporary World Issues (.5 credit)
- Intro to Sociology (.5 credit) (Grades 11-12 only) – Full online course
- Honors Intro to Sociology (.5 credit) (Grades 11-12 only) – Full online course
- AP Psychology (1 credit)
- AP European History (1 credit)
- AP Human Geography (1 credit) (Grades 10-12 only) – Full online course
- AP Government (1 credit)
- International Diplomacy (.5 credit)

Social Studies

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1522	American Government	.50	1	Students will study the functions of all levels of government, with particular emphasis on the federal government. Topics that receive special focus will include civil liberties, political parties, elections, voting, the three branches of government, and historical documents such as the Declaration of Independence and the U.S. Constitution.		No
OL1522	 American Government	.50	1	 THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. Students will study the functions of all levels of government, with particular emphasis on the federal government. Topics that receive special focus will include civil liberties, political parties, elections, voting, the three branches of government, and historical documents such as the Declaration of Independence and the U.S. Constitution.		No
1540	 AP American Government	1.0	2	 THIS IS A BLENDED LEARNING CLASS (blend of face-to-face and online instruction). Students will meet with the classroom teacher twice a week while completing other coursework independently. This course, designed to prepare students for the Advanced Placement Exam, is for those who desire a greater intellectual challenge and are familiar with various institutions, groups, beliefs, and ideas that make up American political reality. The course is college-level in nature and requires a high degree of self-directed learning.		Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1548	AP European History	1.0	2	This course, designed to prepare students for the Advanced Placement Exam, acquaints students with the basic chronology, major events, and dominant trends from approximately 1450 to the present. Emphasis is placed on the intellectual-cultural, political-diplomatic, and social-economic history of Europe.		Yes
1508	U.S. History	1.0	2	This course studies the events that shaped our country's history, starting with an emphasis on early documents that formed our government, such as the Declaration of Independence and the Constitution. It then examines the events that shaped our nation from westward expansion through the twenty-first century. The purpose of this course is to understand how these events came to pass and their meaning for today's citizens.		No
OL1508	  U.S. History	1.0	2	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This course studies the events that shaped our country's history, starting with an emphasis on early documents that formed our government, such as the Declaration of Independence and the Constitution. It then examines the events that shaped our nation from westward expansion through the twenty-first century. The purpose of this course is to understand how these events came to pass and their meaning for today's citizens.		No
1519	AP U.S. History	1.0	2	This course, designed to prepare students for the Advanced Placement Test, teaches the students the analytical skills and factual knowledge necessary to assess historical sources, form judgments relative to themes in American history, and present their ideas and conclusions in clear essay format. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like 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.		Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1526	  Economics	.50	1	  THIS IS A BLENDED LEARNING CLASS TAUGHT BY A MENTOR HIGH SCHOOL TEACHER (a blend of face-to-face and online instruction). THIS COURSE IS REQUIRED FOR ALL MENTOR HIGH SCHOOL STUDENTS. This course provides an in-depth exploration of essential concepts in both microeconomics and macroeconomics. Students will delve into microeconomic principles such as supply and demand, consumer behavior, and market structures while also examining macroeconomic topics, including economic growth, inflation, and monetary policy. Throughout the course, financial literacy lessons will be seamlessly integrated, helping students apply economic theories to real-world financial decisions, including budgeting, saving, and investing. By the end of the course, students will develop an understanding of how micro and macroeconomic factors shape individual choices and broader economic systems. Open to students in Grade 12. Career Pathway: Finance		No
1535	AP Economics (Micro and Macro)	1.0	2	Advanced Placement Economics is a dual-course program that combines macroeconomics and microeconomics, allowing students to study both subjects in one comprehensive curriculum. Upon completion, students can take two distinct AP exams, one for each economics discipline. AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy. AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. Career Pathway: Finance		Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1532	Psychology	.50	1	This course focuses on the study of human behavior and the psychological/emotional developmental process. Areas of study include perceptual psychology, learning and memory, child/adolescent development, normal and abnormal personality, treatment of abnormal behaviors, and the study of other related areas. Career Pathways: Health Science and Human Services		No
OL1530	  International Diplomacy	.5	1	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. International Diplomacy is a course that explores how nations work together as a global community. Citizens the world over are frequently tempted to “go it alone.” What are the benefits of embracing the global community instead and taking our rightful place in the world neighborhood? Learn about the United Nations and other international organizations that work to improve international relations in an era of increased globalization and resurgent nationalism. Students will learn how these organizations function and examples of how they implement their mission. Students will also get an introduction to international law, diplomacy essentials, and the importance of international cooperation.		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
OL1530H	  Honors International Diplomacy	.5	1	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. International Diplomacy is a course that explores how nations work together as a global community. Citizens the world over are frequently tempted to “go it alone.” What are the benefits of embracing the global community instead and taking our rightful place in the world neighborhood? Learn about the United Nations and other international organizations that work to improve international relations in an era of increased globalization and resurgent nationalism. Students will learn how these organizations function and examples of how they implement their mission. Students will also get an introduction to international law, the essentials of diplomacy, and the importance of international cooperation. This honors course requires a real-world application to be accomplished outside of the online environment. Students will have the option to observe diplomacy being practiced at an academic conference or reach out to a local elected official or business person in our community to gather information as to how international issues impact our own community.		Yes
1545	  AP Psychology	1.0	2	 THIS IS A BLENDED LEARNING CLASS (a blend of face-to-face and online instruction. Students will meet with the classroom teacher twice a week while completing other coursework independently). This course, designed to prepare students for the Advanced Placement Exam, introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each major subfield within psychology. The course is college-level in nature and requires a high degree of self-directed learning.		Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
UH1536	 AP Human Geography	1.0	2	 THIS IS A FULLY ONLINE COURSE. The course is designed to provide college-level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human-social organization and its effect on the world, and they are challenged to use maps and geographical data to discern spatial patterns and analyze changing interconnections among people and places. Open to students in Grades 9-12.		Yes
1512	Contemporary World Issues	.50	1	This course focuses on world events and their relationship to social studies and geography. The historical, economic, political, sociological, cultural, and religious aspects of these events are explored. Content will vary according to current world situations. Career Pathways: Government and Public Administration		No
1515	Modern World History	1.0	2	This course examines world events from 1600 to present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Career Pathway: Law Public Safety & Government		No
OL1515	 Modern World History	1.0	2	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements, and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Career Pathway: Law Public Safety & Government		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1517	Modern World History Honors	1.0	2	This accelerated course examines world events from 1492 to the present and places greater emphasis on historical thinking skills. It explores the impact of the Renaissance, Reformation, Columbian Exchange, the democratic and industrial revolutions, and the forces that led to world domination by European powers. The course also investigates the world wars that changed empires, the ideas that led to independence movements, and the effects of global interdependence. Students will investigate historical events and use primary and secondary sources using historical thinking skills such as Crafting Historical Arguments, Chronological Reasoning, Comparison and Contextualization, and Historical Interpretation and Synthesis. This course will help students prepare for future advanced placement courses in social studies. Career Pathway: Law Public Safety & Government	Teacher recommendation	Yes
OL1533	  Intro to Sociology	.50	1	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This course is designed to introduce students to the sociological study of society. Sociology focuses on the systematic understanding of social interaction, social organization, social institutions, and social change. Major themes in sociological thinking include the interplay between the individual and society, how society is both stable and changing, the causes and consequences of social inequality, and the social construction of human life. Understanding sociology helps discover and explain social patterns and see how such patterns change over time and in different settings. Career Pathway: Human Services & Government & Arts Audio/Video Technology and Communications		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
OL1533H	  Intro to Sociology Honors	.50	1	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This course focuses on the systematic understanding of social interaction, social organization, social institutions, and social change. Major themes in sociological thinking include the interplay between the individual and society, how society is both stable and changing, the causes and consequences of social inequality, and the social construction of human life. During this course, students will be introduced to these central concepts and will utilize their sociological imagination to understand contemporary society. The goal of this course is for students to delve deeply into a sociological question of interest to the student or create a social movement that addresses a sociological problem of personal concern. Career Pathway: Human Services & Government & Arts Audio/Video Technology and Communications		Yes
1525	World Geography	.50	1	World Geography focuses on the physical, political, economic, and cultural characteristics of all the continents in the world. Emphasis will be placed on the five themes of geography (place, location, movement, human-environment interaction, and region). Students will use knowledge of geographic locations, patterns, and processes to show interrelationships between the physical environment and human activity. Students will gain the knowledge and skills of reading, interpreting, and making maps. Students will be able to explain the interactions that occur in an increasingly interdependent world. Career Pathway: Law Public Safety & Government		No
LLECON 1150 DE	Basic Economics 	1	1	This course provides an introduction to basic economics and its implications for economic problems and policies. It aids students in developing an understanding of the American economic system. This course will be offered on the Mentor High School campus in the Paradigm building.		Yes
LLPOLS 1300 DE	U.S. National Government 	1	1	This course provides an examination of the formation, structure, processes and fundamental political principles of the United States political system, including the development of the Constitution and the federal system, civil rights and liberties, public opinion and political participation, political parties and interest groups, the role of		Yes

				money and the media in the political system, political campaigns and elections, Congress and the legislative process, the presidency, and the federal judiciary. It focuses not only on the achievements of the political system but on its shortcomings as well, thus leading to consideration of the political challenges facing the system and suggestions for reform. This course will be offered on the Mentor High School campus in the Paradigm building.		
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Engineering & Technology Education

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1284	Aviation Academy	1.0	2	Introduction to the aviation industry, including its elements, components, and structures. Topics include aircraft, airports, airspace, a survey of industry segments and purposes, and careers and career paths. This understanding of the fundamentals of aviation will play a critical role for those who pursue other fields and a continued connection to and awareness of the industry. Students will have the opportunity to earn the Remote Pilot FAA 107 Drone Certification. Career Pathways: Transportation Systems and/or Science, Technology, Engineering & Mathematics		No
1277	Woodworking Technology 1	.50	1	This semester-long introductory project-based course will expose students to the basics of woodworking. Students will learn measuring, project planning, material selection and preparation, layout techniques, hand tool and power tool safety, basic joinery, and cutting and finishing of wood. Students will complete their own projects. This class is designed for students interested in carpentry and construction trades as well as those interested in woodworking as a hobby. Students will be required to pay a class fee. Career Pathways: Architecture and Construction		No
1279	Woodworking Technology 2	.50	1	This semester-long course is an extension of the Woodworking I class. Students will learn advanced woodworking methods used in joinery and cabinetmaking. The instructor will select projects in the class to ensure knowledge of advanced techniques, but if time permits, students may have the opportunity to design and build their own projects. Students will be required to pay a class fee. Career Pathways: Architecture and Construction	Woodworking 1	No
1280	Woodworking Technology 3	.50	1	Woodworking Technology III builds upon the knowledge and skills gained during Woodworking I and II. In Woodworking 3, you will learn advanced materials, techniques, finishes, and setups to complete more involved and in-depth projects. Students will select, plan, and construct their own projects. Students will be required to pay a class fee. Career Pathways: Architecture and Construction	Woodworking 2	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1275	Construction Trades Academy	1.0	2	Construction Academy is a yearlong course designed to help students understand construction as a career pathway and learn the skills necessary to be successful in the trades. The class includes textbook study, hands-on projects, speakers, and field trips to help facilitate learning. This course is a Pre-Apprenticeship course and is aligned with the Apprenticeship Program at Cleveland Construction. Students will have the opportunity to earn the following Industry Credentials: CH91-NCCER Core, Ohio Pre-Apprenticeship through Cleveland Construction, CC02-EPA Refrigerant Recovery. Career Pathway: Construction Technologies		No
1260	3D Design Technology 1	.50	1	This elective course will allow students to apply mathematical and scientific principles to real-life engineering and architecture projects. 3D Design Technology will allow students to understand the relevance of what they're learning and master the fundamentals of the engineering and architecture design process using state-of-the-art, industry-leading Autodesk software, including Autodesk Inventor and Fusion 360. Students are engaged in real-life projects that help them experience the 3D design process. Students will be required to pay a class fee. Career Pathways: Architecture and Construction and Science, Technology, Engineering & Mathematics		No
1261	3D Design Technology 2	.50	1	3D Design Technology II will provide students the opportunity to increase their skills in 3D design and manufacturing. After learning the basics in 3D Design I, students will have the knowledge to design & produce items specific to solving real-world problems. Students will design and produce a 3D-printed object specific to their client's needs and/or wants. Students will be required to pay a class fee. Career Pathways: Architecture and Construction and Science, Technology, Engineering & Mathematics	Completion of 3D Design 1	No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1251	PLTW Intro to Engineering Design	1	2	Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software and document their work in an engineering notebook. This is part of the PLTW Engineering Pathway. Students will be required to pay a class fee. Career Pathways: Science, Technology, Engineering & Mathematics		No
1253	PLTW Principles of Engineering	1	2	Through engaging and challenging problems, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. They develop skills in problem-solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This is part of the PLTW Engineering Pathway. Students will be required to pay a class fee. Career Pathways: Science, Technology, Engineering & Mathematics		No
1256	PLTW Civil Engineering and Architecture	1	2	Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. This is part of the PLTW Engineering Pathway. Students will be required to pay a class fee. Career Pathways: Science, Technology, Engineering & Mathematics & Architecture and Construction		No

World Language

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1111	French 1	1.0	2	French 1 introduces students to the fundamentals of the French language, laying the groundwork for further language study. Through the use of authentic materials, the course focuses on building essential skills in listening, speaking, reading, and writing. Coursework will help students develop proficiency in the three communication modes: Interpretive, Interpersonal, and Presentational. Career Pathway: Education and Training & Business & Hospitality and Tourism	Recommendation “C” or higher in core classes or school counselor approval	No
1112	French 2	1.0	2	Building on the foundation established in French 1, French 2 allows students to deepen their understanding of the language and further develop their skills in listening, speaking, reading, and writing. Students will gain a deeper appreciation for the French language and its cultural context through the study of authentic materials. Both the teacher and students will primarily use French in the classroom. Students will continue to develop their proficiency in the three communication modes: Interpretive, Interpersonal, and Presentational. Career Pathway: Education and Training & Business & Hospitality and Tourism	Recommendation “C” or higher in French 1 or teacher approval	No
1113	French 3 Honors	1.0	2	French 3 Honors is an advanced-level course designed for students who have mastered the basics of French and wish to further refine their language skills. The course focuses on advanced grammar, vocabulary, and cultural themes while emphasizing fluency and sophistication in communication. The course prepares students for high-level language proficiency and provides opportunities to deepen cultural knowledge through authentic materials. French is used almost exclusively in the class by both the teacher and the students. Students will continue to refine their proficiency in the three communication modes: Interpretive, Interpersonal, and Presentational. Career Pathway: Education and Training & Business & Hospitality and Tourism	Recommendation “C” or higher in French 2 or teacher approval	Yes
1114	AP French 4	1.0	2	AP French Language and Culture is a rigorous, college-level course designed for students who have achieved a high level of proficiency in French and wish to further hone their language skills while deepening their cultural understanding. This course focuses on refining all	Recommendation “C” or higher in French 3 or teacher approval	Yes

				aspects of language use—speaking, listening, reading, and writing—while emphasizing advanced grammatical structures, vocabulary, and cultural fluency. The AP French Language and Culture course continues to engage students in an exploration of cultural products, practices and perspectives of the French Speaking world based on six broad themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. AP French also prepares students for the optional AP exam, which assesses proficiency in interpretive, interpersonal, and presentational communication modes. Career Pathway: Education and Training & Business & Hospitality and Tourism		
1115	AP French 5	1.0	2	AP French Language and Culture is a rigorous, college-level course designed for students who have achieved a high level of proficiency in French and wish to further hone their language skills while deepening their cultural understanding. This course focuses on refining all aspects of language use—speaking, listening, reading, and writing—while emphasizing advanced grammatical structures, vocabulary, and cultural fluency. The AP French Language and Culture course continues to engage students in an exploration of cultural products, practices and perspectives of the French Speaking world based on six broad themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. AP French also prepares students for the optional AP exam, which assesses proficiency in interpretive, interpersonal, and presentational communication modes. Career Pathway: Education and Training & Business & Hospitality and Tourism	Recommendation “C” or higher in French 4 or teacher approval	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1121	German 1	1.0	2	German 1 introduces students to the basics of the German language, focusing on building foundational skills in listening, speaking, reading, and writing. This course provides an introduction to essential vocabulary and grammar, helping students communicate in simple, everyday situations. By the end of the course, students will be able to engage in simple dialogues, understand basic written texts, and express themselves	Recommendation “C” or higher in core classes or school counselor approval	No

				on familiar topics. Coursework will help students develop proficiency in three communication modes: Interpretive, Interpersonal, and Presentational. Career Pathway: Education and Training & Business & Hospitality and Tourism		
1122	German 2	1.0	2	German 2 builds upon the foundational skills acquired in German 1, allowing students to further develop their abilities in listening, speaking, reading, and writing in German. Both the teacher and students will primarily use German in the classroom. Through a variety of interactive activities, projects, and authentic resources, students will strengthen their language proficiency and cultural understanding. Students will continue to develop and demonstrate proficiency in three communication modes: Interpretive, Interpersonal, and Presentational. Career Pathway: Education and Training & Business & Hospitality and Tourism	Recommendation “C” or higher in German 1 or teacher approval	No
1123	German 3 Honors	1.0	2	German 3 is designed for students who have successfully completed German 2 and wish to further develop their proficiency in the German language. This course focuses on enhancing students’ skills in listening, speaking, reading, and writing while deepening their understanding of German-speaking cultures. German is used almost exclusively in the class by both the teacher and the students. Through coursework, students will continue to refine their proficiency in three communication modes: Interpretive, Interpersonal, and Presentational. Career Pathway: Education and Training & Business & Hospitality and Tourism	Recommendation “C” or higher in German 2 or teacher approval	Yes
1124	AP German 4	1.0	2	The AP German course is available to students who have successfully completed German III and are interested in pursuing advanced studies in German. This course is designed to prepare students for the AP German Language and Culture exam and higher-level language studies. It encourages an in-depth exploration of the cultural products, practices, and perspectives of German-speaking communities, focusing on six central themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Through coursework, students will develop and demonstrate proficiency in three communication modes: Interpretive, Interpersonal, and Presentational. Career Pathway: Education and Training & Business & Hospitality and Tourism	Recommendation “C” or higher in German 3 or teacher approval	Yes
	AP German 5	1.0	2	The AP German course is available to students who have successfully completed German III and are interested in pursuing advanced studies in	Recommendation	Yes

1125	<i>(Depending on student interest and enrollment)</i>			German. This course is designed to prepare students for the AP German Language and Culture exam and higher-level language studies. It encourages an in-depth exploration of the cultural products, practices, and perspectives of German-speaking communities, focusing on six central themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Through coursework, students will develop and demonstrate proficiency in three communication modes: Interpretive, Interpersonal, and Presentational. Students have the opportunity to take the AP Exam in Level 4 and/or Level 5. Career Pathway: Education and Training & Business & Hospitality and Tourism	“C” or higher in German 4 or teacher approval	
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Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1131	Spanish 1	1.0	2	Spanish I serves as an introduction to both the Spanish language and its cultural contexts. The course is structured to provide students with a solid foundation in the three key language skills: interpretive, interpersonal, and presentational. Students will build a foundational vocabulary and acquire essential grammar concepts, enabling them to communicate in various situations. Coursework will help students develop proficiency in three communication modes: Interpretive, Interpersonal, and Presentational.	Recommendation “C” or higher in core classes or school counselor approval	No
1132	Spanish 2	1.0	2	In Spanish II, students will continue to enhance their skills in interpretive, interpersonal, and presentational communication. The course incorporates diverse instructional methods and authentic resources, providing students with ample opportunities to practice and reinforce their language skills. Both the teacher and students will primarily use Spanish in the classroom. Regular participation is expected. Students will continue to develop and demonstrate proficiency in three communication modes: Interpretive, Interpersonal, and Presentational.	Recommendation “C” or higher in Spanish 1 or teacher approval	No
1133	Spanish 3 Honors	1.0	2	Spanish 3 is an advanced course that builds on the grammar, vocabulary, and expressions introduced in Levels 1 and 2 while incorporating more complex concepts. Activities and assignments are designed to enhance interpretive, interpersonal, and presentational skills. Both the teacher and students will primarily use Spanish in the classroom. At this stage, students are expected to be self-motivated and proactive in their learning. Active participation during class and consistent effort outside of class are critical for success. Through coursework, students will continue to refine their proficiency in three communication modes: Interpretive, Interpersonal, and Presentational.	Recommendation “C” or higher in Spanish 2 or teacher approval	Yes
1134	AP Spanish 4	1.0	2	The AP Spanish course is designed for students who have successfully completed Spanish 3 and are interested in advancing to college-level Spanish studies in preparation for the Advanced Placement Spanish Language and Culture exam. Students are expected to communicate exclusively in Spanish with both the instructor and peers. The course continues to immerse students in an in-depth exploration of cultural products, practices, and perspectives within the Spanish-speaking world. It is organized around six key themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public	Recommendation “C” or higher in Spanish 3 or teacher approval	Yes

				Identities, Families and Communities, and Beauty and Aesthetics. Through various assignments and activities, students develop and showcase their skills in the three modes of communication: interpretive, interpersonal, and presentational..		
1135	AP Spanish 5	1.0	2	The AP Spanish course is designed for students who have successfully completed Spanish 3 and are interested in advancing to college-level Spanish studies in preparation for the Advanced Placement Spanish Language and Culture exam. Students are expected to communicate exclusively in Spanish with both the instructor and peers. The course continues to immerse students in an in-depth exploration of cultural products, practices, and perspectives within the Spanish-speaking world. It is organized around six key themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Through various assignments and activities, students develop and showcase their skills in the three modes of communication: interpretive, interpersonal, and presentational. Students have the opportunity to take the AP Exam in Level 4 and/or Level 5. Career Pathway: Education and Training & Business & Hospitality and Tourism	Recommendation “C” or higher in Spanish 4 or teacher approval	Yes

Other Online Courses

Course Delivery Icons	Course Delivery Option	Description
	Fully Online Course	Fully online courses deliver content exclusively via the computer. Students are responsible for working independently through course content.
 	Fully Online Course Developed and Taught by Mentor High School Staff	Fully online courses have their content delivered exclusively via the computer. This course was developed and taught by a Mentor High School teacher. The course does not meet daily nor at a regularly scheduled time. Students are responsible for working independently through course content.
 	Blended Course Developed and Taught by Mentor High School Staff	A hybrid course. A portion of the content is delivered online, and another portion is delivered by a teacher face-to-face at a regularly scheduled time.

	Distance Learning Course	This course is delivered daily at a scheduled time, but the content is delivered by a teacher who is not physically present at the school via videoconferencing equipment.
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 Fully Online-Learning Elective

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
UH1501	 Careers in Criminal Justice 1	.50	1	 THIS IS A FULLY ONLINE COURSE. Students examine the process of identifying and arresting criminal suspects, types of crimes and offenses, and preparing for court. They study the history of criminal investigation and explore the relationship between investigation and the courtroom process by examining case studies. Career Pathway: Law Public Safety & Government		No
UH1502	 Careers in Criminal Justice 2	.50	1	 THIS IS A FULLY ONLINE COURSE. Students explore law enforcement, the courts, and the correctional system. They study what crime is, how crime is measured, and theories of crime causation. They also examine issues and challenges within the criminal justice system and its future directions. Career Pathway: Law Public Safety & Government		No

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
UH1459	 AP Environmental Science	1.0	2	 THIS IS A FULLY ONLINE COURSE. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems that are natural and human-made, and prepare for the AP Environmental Science exam. Students evaluate the relative risks associated with these problems and examine alternative methods for resolving or preventing problems. Hands-on and virtual lab experiences support student content mastery. Open to students in Grades 11-12. Career Pathway: Agriculture, Food and Natural Resources & Science Technology Engineering and Mathematics	Algebra 1 and two years of laboratory sciences	Yes
UH1451	 Marine Science	0.5	1	 THIS IS A FULLY ONLINE COURSE. Students delve deep into Earth's bodies of water and study geologic structures and how they impact oceans. They investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring daily in the ecosystems. Students have the opportunity to explore the relationships among living organisms and see how they are affected by the oceans' currents, tides, and waves. Students will be required to purchase and complete a dissection. Open to students in Grades 11-12. Career Pathways: Agriculture, Food and Natural Resources & Science, Technology, Engineering & Mathematics	Successful completion of Biology	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
UH1536	 AP Human Geography	1.0	2	 THIS IS A FULLY ONLINE COURSE. The course is designed to provide college-level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine the human-social organization and its effect on the world, and they are challenged to use maps and geographical data to discern spatial patterns and analyze changing interconnectAP ions among people and places. Open to students in Grades 10-12. Career Pathways: Government & Arts Audio/Video Technology and Communications	Teacher recommendation	Yes
OL1000	  Career Skills	.50	1	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. The Career Skills online course mirrors our Workforce Ready Academy course and provides a resource for students to access and learn materials connected to the Career Based Intervention Content Standards. This course will focus on Post-Secondary and Career Exploration, Communication Skills, Customer Service Skills, Personal Financial Literacy, and Problem-Solving and Critical Thinking. This course also aligns to the Ohio Means Jobs Readiness Seal requirements and allows students who are facing barriers with attendance to access the curriculum and establish a foundation for career and life skills.	School Counselor Approval	No
OL1100	  Financial Literacy Fully Online	.50	1	  THIS IS A FULLY ONLINE COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This 10th-grade course prepares students with the confidence needed to succeed by arming them with financial literacy skills. Students will learn how to become savvy consumers who can avoid scams, and prepare to make sound financial decisions. The course provides an overview of different types of insurance and how they protect individuals, explains how to create budgets and plan for unexpected expenses, and provides an introduction to investing.	Open to 10th grade only	No



Blended Learning Electives

Course Delivery Icons	Course Delivery Option	Description
	Blended Course	A hybrid course. A portion of the content is delivered online, and another portion is delivered by a teacher face-to-face at a regularly scheduled time.

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1100	 Financial Literacy	.50	1	 THIS IS A BLENDED LEARNING COURSE TAUGHT BY A MENTOR HIGH SCHOOL TEACHER. This 10th-grade course prepares students with the confidence needed to succeed in life by arming them with financial literacy skills. They will learn how to become savvy consumers who can avoid scams, prepare students to make sound financial decisions, provide an overview of different types of insurance and how they protect individuals, explain how to create budgets and plan for unexpected expenses, and provide an introduction to investing.	Open to 10th grade only	No

Career Academies

The following courses are elective courses designed for students to pursue career fields of interest in a year-long course that provides a foundation of skills and knowledge of the industry while providing students the opportunity to earn industry credentials.

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
1030	Digital Media Academy - 1 (New)	2.0	2	This course is designed to provide students with the opportunity to engage in real-world projects to exhibit their understanding of art and design essentials. This course will prepare students to obtain Adobe industry-recognized certifications. Students will build a portfolio through print and Web-based production. Adobe Photoshop software is the industry standard in digital imaging and is used worldwide for design, photography, video editing, and more. Adobe Illustrator is the industry-leading graphic design tool that lets you design anything you can imagine – from logos and icons to graphics and illustrations, drawings, and artwork. Adobe InDesign is used by graphic designers as well as marketing and communications professionals to create flyers, brochures, magazines, and other content. Career Pathway: Arts and Communications	Art Exploration, Fine Art 1 or Art Foundations required (Intro to Digital Arts and Intro to Digital Photo recommended but not required)	No
1031	Digital Media Academy - 2 (New - Starting 2026-27)	2.0	2	This second-year course builds upon foundational knowledge from the first year, diving deeper into art and design principles while challenging students with advanced real-world projects. Students will refine their skills in Adobe Photoshop, Illustrator, and InDesign, further mastering industry-standard tools for digital imaging, graphic design, and layout production. Through hands-on projects, students will create professional-quality designs for print and web, culminating in a comprehensive portfolio that showcases their expertise. This course also prepares students to obtain Adobe industry-recognized certifications, positioning them for success in creative industries.	Successful completion of Digital Media Academy 1	No
1076	Microsoft Academy	1.0	2	This course will prepare students to obtain Microsoft and other industry-recognized certifications. Students will engage in real-world exercises to exhibit their understanding of business essentials while they prepare for certification testing. Career Pathway: Business Administration		No

1216	Culinary Academy Course Video	1.0	2	Students will prepare food products and beverages according to standardized recipes in regular cooking labs. They will apply plating and presentation principles to deliver attractive menu items, establish food specifications and prep lists, and develop ingredient and portion control guides. Personal, food, equipment safety and sanitation, standard knife skills, and culinary math will be emphasized. Employability skills, leadership, and communications will also be incorporated. Students will apply management principles to plan, organize, and direct restaurant staff toward goal achievement. Students will select quality ingredients, determine food costs, and research and develop marketable new recipes and food concepts. Students will complete online modules and certifications for ServSafe, OSHA, and RISE-Up Retail. Career Pathway: Hospitality & Tourism	None	No
1284	Aviation Academy	1.0	2	Introduction to the aviation industry, including its elements, components, and structures. Topics include aircraft, airports, airspace, a survey of industry segments and purposes, and careers and career paths. This understanding of the fundamentals of aviation will play a critical role for those who pursue other fields and a continued connection to and awareness of the industry. Students will have the opportunity to earn the Remote Pilot FAA 107 Drone Certification. Career Pathway: Transportation Systems		No
1275	Construction Trades Academy	1.0	2	Construction Academy is a yearlong course designed to allow students to gain an understanding of construction as a career pathway, as well as an introduction to the skills necessary to be successful in the trades. The class includes textbook study, hands-on projects, speakers, and field trips to help facilitate learning. This course is a Pre-Apprenticeship course and is aligned with the Apprenticeship Program at Cleveland Construction. Students will have the opportunity to earn the following Industry Credentials: CH91-NCCER Core, Ohio Pre-Apprenticeship through Cleveland Construction, CC02-EPA Refrigerant Recovery.		No
1700	Young Professionals Academy	.50	1	Students complete two internship experiences during the semester. These experiences allow students to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks. The course will be delivered using a blended	Open to Juniors and Seniors	No

				model of instruction. Students must complete online modules, a field experience, and a reflection paper. Career Pathway: Business Administration		
1700H	Young Professionals Honors Academy	.50	1	Students complete two internship experiences during the semester, which allow them to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks. This course will be delivered using a blended model of instruction. Students must complete online modules, a field experience, an extensive research paper, and a formal presentation, including various stakeholders. Career Pathway: Business Administration	Open to Juniors and Seniors	Yes
1570	Mentor Fire EMT Academy	3.0	2	Mentor Fire EMT Academy is a one-year program in which students explore health and safety careers such as firefighting and EMT/paramedic. Students use medical and diagnostic equipment to perform detailed medical and trauma patient assessments. The class fee is determined by the host location. Career Pathway: Law and Public Safety	Seniors Only	No

Lakeland Community College Dual Enrollment Courses

The following courses are College Credit Plus classes taught at Mentor High School on our Lakeland Community College Satellite Campus. Students receive dual credit (high school and college) in these CCP courses. Courses will be taught by an adjunct professor from an approved institute of higher learning.

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
LLMATH 1650 DE	College Algebra 	1	1	This course investigates relations and functions numerically, analytically, and graphically. Topics include solutions of polynomial and rational equations and inequalities; exponential and logarithmic equations; systems of linear and nonlinear equations; conic sections; sequences and series; and mathematical modeling. Students will need to supply a graphing utility; the instructor will provide details.	Algebra 2 and placement test	Yes
LLMATH 1700 DE	Trigonometry 	1	1	This course includes the study of trigonometric functions and inverse trigonometric functions and their graphs; solutions of right and oblique triangles and their applications; solutions of trigonometric equations; the use of identities, vectors, and complex numbers; and graphs of polar and parametric equations. Students will need to supply a graphing utility; the instructor will provide details.	College Algebra and placement test	Yes
LLENGL 1110 DE	English Composition 1 	1	1	This course focuses on the writing process and on the composition of expository writing assignments, including personal, informational, and critical essays. Students will read and analyze expository and imaginative texts (fiction, nonfiction, poetry, or drama).	Placement test	Yes
LLENGL 1120 DE	English Composition 2 	1	1	This course analyzes argumentative strategies, models, and texts. Students will focus on the research process: identifying sources through electronic and print-based research strategies, evaluating research materials, and integrating and synthesizing research material. The course culminates in the production of a fully documented argumentative paper.	LLEGNL1110 (Successful completion English Composition 1)	Yes

Course Number	Course Name	Credit	Sem.	Course Description	Prerequisite	Weighted
LLECON 1150 DE	Basic Economics 	1	1	This course provides an introduction to basic economics and its implications for economic problems and policies. The course aids students in the development of the understanding of the American economic system.		Yes
LLPOLS 1300 DE	U.S. National Government 	1	1	This course provides an examination of the formation, structure, processes and fundamental political principles of the United States political system, including the development of the Constitution and the federal system, civil rights and liberties, public opinion and political participation, political parties and interest groups, the role of money and the media in the political system, political campaigns and elections, Congress and the legislative process, the presidency, and the federal judiciary. It focuses not only on the achievements of the political system but on its shortcomings as well, thus leading to consideration of the political challenges facing the system and suggestions for reform.		Yes
LLCOM M 1000 DE	Effective Public Speaking 	1	1	This course introduces students to the essential strategies and techniques employed by effective public speakers. The course covers strategic audience adaptation throughout the communication process. It provides suggestions for improving speeches in all facets, including invention, organization, style, and delivery. The course emphasizes the critical analysis of the effective and ineffective practices of historical, cultural, and contemporary speakers. It also provides opportunities for students to gain practical experiences in the art of self-expression.		Yes
LLPSYC1 500 DE	Intro to Psychology 	1	1	This course, as outlined by the American Psychological Association, provides a general introduction to the discipline of psychology. It covers the origins of psychology, major perspectives in contemporary psychology, research methodology, biological bases of psychological functions, sensation and perception, consciousness, learning, memory, human development across the lifespan, social psychology, personality, psychopathology, and therapy.		Yes