Marion L. Steele High School

Program of Studies

2025-2026

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Amherst Exempted Village School District
amherstk12.org

Dear Parents and Guardians…

It is with great enthusiasm that I welcome you to the pages of the Marion L. Steele High School Program of Studies. The choices that your child makes, along with your help and guidance, will be building blocks for future educational pursuits and/or career opportunities.

Marion L. Steele High School offers a wide range of curriculum and courses that are reviewed each year and are revised, when necessary, to meet up with the changing needs of students in our society.

Please review the entire list of offerings, not only concentrating on goals for this school year, but also thinking ahead to anticipate future endeavors, noting prerequisite classes that may apply.

The administration and staff of the Amherst Schools are committed to providing the best possible educational programs for students. Please feel free to contact your child's school counselor if you have questions regarding scheduling.

Best wishes for a GREAT year of learning!

Sincerely,
Mike Molnar
Superintendent

Dear Students,

This 2025-2026 Marion L. Steele High School Program of Studies serves as a comprehensive guide outlining our academic offerings, courses, and educational pathways available to you as a student. It will provide a detailed overview of the academic structure, graduation requirements, and prerequisites for each course. This Program of Studies will also serve as an essential resource to vocational opportunities, courses that focus on military courses, honors/AP courses and other educational options to create a personalized and well-rounded educational experience. Additionally, the Program of Studies may be periodically updated to reflect changes in educational standards, emerging fields of study, and advancements in pedagogy, ensuring that it remains a relevant and valuable tool for navigating the high school academic landscape.

Sincerely,
Joe Tellier
Principal, Marion L. Steele High School

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About this Program of Studies

At Amherst Exempted Village School District, our mission is to **educate, equip, and empower all students to choose their path and make a positive impact in our community and beyond.** The Program of Studies is designed to help you do just that by guiding you through course selections that align with your goals and aspirations.

Whether you plan to enter the workforce, pursue vocational training, or continue your education at a college or university, now is the time to explore your options and create a personalized academic path. Our goal at Steele is to ensure that you are employed, enlisted, or enrolled upon graduation.

What You'll Find in This Guide:

- **Course Descriptions:** Explore required and elective courses by grade level.
- **Graduation Requirements:** Understand what it takes to earn your diploma.
- **Career & Academic Pathways:** Discover programs that match your interests and future goals.

Plan for Success:

- Select courses that challenge and inspire you.
- Have alternative choices ready in case of scheduling conflicts or cancellations.
- Work collaboratively with teachers, counselors, administrators, and your family to personalize your education experience at Steele.

Your high school experience is what you make of it. Start planning today—your future is full of possibilities!

Scheduling

Beginning in January, Marion L. Steele High School students have an opportunity to select courses for the next school year. Grade level scheduling meetings are held, a Program of Studies guide with course offerings is presented and posted on the Marion L. Steele High School website, and individual scheduling conferences are available. In February, scheduling will begin for current Marion L. Steele High School students. Students are encouraged to consider their academic needs, future goals, and to involve their parents in the scheduling process. At a minimum, students must be enrolled in five credits per academic school year.

In the Spring, a master schedule is created from all student requests and individual schedules begin to evolve. In mid-May, students will be able to view their preliminary schedule for next year. Most schedule changes can be adjusted in May and June. In August, and beyond, schedule changes become extremely difficult due to supplies, books, classroom spaces and class size which have been arranged based on student selections. Therefore, schedule changes will be limited and completed for valid academic reasons only starting on the first day of classes in August.

Which Courses Should I Take?

Various choices are open to the students attending Marion L. Steele High School which will help each student to prepare for his/her future plans. Such plans may include admission to a college or university, U.S. military options, vocational/technical programs or employment immediately after high school.

Interests do change and career goals are being formulated while you are in high school. There are many factors that contribute to success in high school. In many cases the type of course work you select is a better indicator of success than the grades you receive. Colleges, business schools, vocational/technical schools and potential employers will give the greatest weight to your high school course selections and the grades you receive. It is for this reason that a student who has attempted a more demanding course load but who has a lower grade point average (GPA) may be offered admission to a school or employment before a student with a higher grade point average in a weak course load.

We fully realize that you can graduate from high school with course work which is less demanding, be we recommend that each student should challenge himself or herself to go beyond the minimum requirements for graduation. Remember, the better your high school preparation, the better your chances are for success in your future plans.

Marion L. Steele Counseling Staff
Mrs. Christine Diaz, Grades 9, 10, and 11, Last Names A-K
Ms. Sarah Rigda, Grades 9, 10, and 11, Last Names L-Z
Mrs. Katheline Cooney, Grade 12, College and Career

Course Recommendation

A teacher recommendation may be required for certain courses. School counselors will be holding one on one scheduling meetings with students. When selecting courses input from students, parents, and teachers will be taken into consideration to best serve students' individual educational needs.

Schedule Change Policy

After scheduling is completed, student's schedules will be changed for the following reasons only:

1. To correct an incomplete schedule.
2. To resolve conflicts in requested courses.
3. To meet graduation requirements.
4. To accommodate approved educational programs.
5. To add a class, provided an opening exists in the class and in the student's schedule there first must be written parent approval.

Schedule changes will not be made for:

1. Teacher preference.
2. Late arrival or early dismissal from school.
3. Work considerations.
4. Transportation.
5. Special lunch requests.

Withdrawal Policy

A student cannot withdraw from a course that he/she is achieving a 70% or better academically. Students withdrawing from a course who do not meet the following guidelines may have an "F" placed on their transcript. Students should follow the procedure listed below prior to attempting to drop a course:

1. Documentation displaying the student contacted the teacher for additional support.
2. Documentation displaying the student received the additional support for at least one grading period.
3. Request his/her counselor contact the teacher regarding the student's academic placement.
4. The counselor will contact the appropriate Assistant Principal regarding academic placement.
5. All team members (student, parent/guardian, teacher, school counselor, and administrator) are in agreement.

Late Arrival/Early Release

Late Arrival/Early Release is a special privilege for juniors and seniors who have consecutive study halls at the beginning or end of the day. Student schedules will not be changed to accommodate Late Arrival/Early Release privileges Late Arrival/Early Release privilege is by parental permission only, unless the student is an independent adult and students must be enrolled in at least five (5) credits for the school year. It is the responsibility of the student and parent/guardian to ensure athletic eligibility and credit status prior to applying for Late Arrival/Early Release. In order to apply for and maintain Late Arrival/Early Release, students must be on target to graduate, display consistent attendance, remain in good academic standing (C- or better), and abide by the Marion L. Steele Student Code of Conduct.

The following guidelines must be adhered to by all students who are participating in Late Arrival/Early Release.

1. Student schedules will not be changed to accommodate Late Arrival/Early Release privileges.
2. On certain days due to different schedules, a student may be expected to report to class at a different time. This will be communicated to the students in advance.
3. A student who has Late Arrival/Early Release is subject to tardy procedures as outlined in the Marion L. Steele Student Handbook.
4. Late Arrival/Early Release is a privilege and may be revoked at any time by school administration.

Seniors and Juniors wishing to have late arrival and/or early release **must** apply each semester. Once the application has been approved, students will be notified by their school counselor and have Late Arrival/Early Release placed on their schedule. Students may not arrive late until their application has been approved and their schedule has been updated by their school counselor.

Graduation Requirements

To graduate from Marion L. Steele High School, students are required to complete the required coursework and meet the credit requirements established by the Amherst Exempted Village Schools Board of Education and meet the Ohio High School Graduation requirements.

Credit Requirements

Students must earn 22 units of credit or 21 units of credit if in the Vocational Program.

College Prep		**College Technology/Tech Prep Program[1]**		**Vocational Program[1]**	
English	4 credits	English	4 credits	English	4 credits
Math	4 credits	Math	4 credits	Math	4 credits
Science	3 credits	Science	3 credits	Science	3 credits
Social Studies	3 credits	Social Studies	3 credits	Social Studies	3 credits
Health	.50 credit	Technical Preparation	5 credits	Vocational Program	6 credits
Financial Literacy	.50 credit	Health	.50 credit	Health	.50 credit
Physical Education	.50 credit	Financial Literacy	.50 credit	Financial Literacy	.50 credit
Fine Arts	1 credit	Physical Education	.50 credit	Physical Education	.50 credit
Electives	5.5 credits	Fine Arts	1 credit		
		Electives	.50 credits		
Total	**22 credits**	**Total**	**22 credits**	**Total**	**21 credits**

[1] Students following this academic program may be admitted to college but may be required to take additional courses to meet academic requirements.

Ohio High School Graduation Requirements

In addition to satisfying the required coursework, students in the Class of 2023 and beyond have to meet the State of Ohio's Permanent Requirements for Graduation.

In order to meet the **Permanent Requirements**, students must demonstrate:

1. Competency in Math and English by passing the state's Algebra I and English II tests. Students who have taken required tests more than once without passing and have received remedial supports are able to show competency through one of the options below:
   - Earn credit for one math and/or one English course through College Credit Plus;
   - Demonstrate career readiness and technical skill through foundational and supporting options;
   - Enter into a contract to enlist in the military upon graduation.
2. Preparation for college or careers by earning two diploma seals, one of which must be state defined.
   - State Defined Seals:
     i. Citizenship Seal
     ii. College-Ready Seal
     iii. Honors Diploma Seal
     iv. Industry-Recognized Credential Seal
     v. Military Enlistment Seal
     vi. OhioMeansJobs Readiness Seal
     vii. Science Seal
     viii. Seal of Biliteracy
     ix. Technology Seal
   - Locally Defined Seals:
     i. Community Service
     ii. Fine and Performing Arts Seal
     iii. Student Engagement Seal

Please click this link for more detailed descriptions of each Graduation Seal.

The Ohio Department of Education created an overview of the Ohio High School Graduation Requirements and a guidance document for Ohio's Assessment and Graduation Requirements.

Please note these requirements are subject to change based on ODE mandates.

For more information on Ohio graduation requirements, visit http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements.

Honors Diploma

Students in the Class of 2025 and beyond must meet the revised criteria to earn an honors diploma.

Students need to fulfill all but one criterion for any of the following Diplomas with Honors.		
SUBJECT	**Academic Diploma with Honors Graduating Class of 2026 and beyond**	**Career-Technical Diploma with Honors Graduating Class of 2026 and beyond**
English	4 Units	4 Units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher-level course or a 4-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher-level course or a 4-year sequence of courses that contain equivalent content
Science	4 units, including two units of Advanced Science	4 units, including two units of Advanced Science
Social Studies	4 Units	4 Units
Fine Arts	1 unit	Not counted toward requirements
Electives	Not counted toward requirements	4 units of Career-Technical minimum
World Language	*3 units of one world language or no less than two units of each of two world languages studied*	*2 units of one world language studied*
Grade Point Average	*3.5 on a 4.0 scale*	*3.5 on a 4.0 scale*
ACT/SAT/Workkeys	*27 ACT / 1280 SAT*	*27 ACT / 1280 SAT* *Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.*
Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal	Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal.
Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning
Additional Assessment	None	Earn an Industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace one of either the **ACT/SAT, GPA *or* World Language** requirement for any Honors Diploma. The Student Strength Demonstration options can be viewed by clicking this link.

Higher Level Rigor Classes

Classes are characterized by the following:

- **Workload** - (both in-class and homework) exceeds that assigned in other courses in the same department.
- **Independent work** - the amount expected of the student is greater than other courses.
- **Complexity and difficulty of material** - material is more difficult and complex than general education curricula.
- **Critical thinking skills** - Honors/AP classes require a greater amount of activity at the higher levels of critical thinking, including synthesis and evaluation.

The student selection process for Honors or AP courses is designed to make the program available to those who will profit from the challenging work offered. Four (4) factors are considered before a student is admitted to Honors or AP classes.

1. Level of academic achievement
2. Evaluation of previous teacher
3. The expressed desire of student
4. Parent Request

Weighted Classes

On-site Advanced classes are weighted .5 point
On-site Honors classes are weighted 1.0 point
AP classes are weighted 1.0 point
CCP classes may be weighted 1.0 point - per select CCP guidelines.

Advanced Placement Program

Advanced Placement courses are the highest-level classes offered at Marion L. Steele High School. Currently there are 13 offered Advanced Placement classes in the areas of Art, English, Math, Music, Social Studies, and Science.

Students must take the Advanced Placement Examination as the culmination of their advanced placement experience. Examinations are offered in May of each year. Some colleges, in turn, grant credit and/or appropriate placement to students who have scored well on the examinations. AP course descriptions are listed in individual department sections.

The AP examination is required to receive course credit. Students are required to pay exam fees by December 19, 2025 AP classes do not automatically receive college credit.

Comet College- College Credit Plus (CCP) and Dual Enrollment Guidelines

Ohio's Dual Enrollment Program, College Credit Plus (CCP) program, allows Ohio high school students to earn college credit and high school graduation credit through the successful completion of college courses. Per Ohio law, students in grades seventh through twelfth graders may take college courses at a college campus or, when available, onsite at their high school and receive both college credit and high school graduation credit.

The purpose of CCP is to provide rigorous academic pursuits and expose students to options beyond the high school classroom. Any high school student admitted to a course by an institution of higher education will be required to perform at the same level as the institution's regular students. Colleges and universities enrolling students under this option will be reimbursed from local school funding for tuition, textbooks and materials.

Comet College is an exciting opportunity for Amherst students to earn college credit while still in high school through a partnership with Lorain County Community College. Students taking advantage of the program have the opportunity to graduate high school with both an associate degree and a high school diploma, free of charge. Students may join the program at any time and take advantage of customized 15- and 30-hour pathways. For more information on Comet College visit: https://www.lorainccc.edu/ccp/college-credit-plus-schools/amherst-comet-college/.

Program Eligibility

Students must notify their Amherst Steele Counselor no later than April 1st each year if they plan to enroll in the CCP program. Grades earned in the college courses will figure in the high school G.P.A. Students must submit, through a School Counselor, required forms which indicate if the student can register and/or continue his or her enrollment. If requirements are not met, a student will not re-enroll. All students in grades 7 - 12, are eligible to apply. Students must meet the application and testing deadlines and achieve a qualifying score on the ACT, SAT, or Accuplacer Test. These placement scores indicate college-readiness which adhere to Ohio's guidelines. For more information on Lorain County Community College's Placement Assessment visit: http://www.lorainccc.edu/Admissions+and+Registration/compass.htm

Course Suggestions

FRESHMEN:

- One course per semester.
- Must meet prerequisite to enroll in a course.
- It is suggested students enroll in any level of English 9 at Marion L. Steele High School.

SOPHOMORES:

- Two or more courses per semester may be permitted.
- Must meet prerequisite to enroll in a course(s).
- It is suggested students enroll in any level of English 10 at Marion L. Steele High School.

JUNIORS & SENIORS:

- Students willing to enroll to LCCC's English 161 and/or LCCC's 162 or other college equivalent should have successfully completed any level of English 9 and any level of English 10.
- Students wishing to enroll in LCCC's History 151 and/or LCCC's History 152 should have successfully completed American History and Government.

CCP Classes at Marion L. Steele High School

Students may take up to 30 hours of College Credit Plus classes.

Classes at MLS	Grade	HS Credit	LCCC Credits	Prerequisite
AETC 115, AETC 121	9, 10, 11,12	2	6	NO
BIOG 151, BIOG 165	11,12	2	7	YES
BIOG 221, BIOG 222	11, 12	2	8	NO
ENGL 161, ENGL 162	11,12	2	6	YES
ENGL 255, ENGL 257	12	2	6	YES
HSTR 151, HSTR 152	11,12	2	6	YES
HSTR 161, HSTR 162	12	1	3	YES
MTHM 168	10,11,12	1	3	YES
MTHM 171	10,11,12	1	4	YES
MTHM 174	10,11,12	1	3	YES
SDEV 102	9,10, 11,12	1	3	NO
SPHN 251, SPHN 252	11,12	2	6	YES
SPHN 271, SPNH 272	11,12	2	6	YES
TECN 111	9, 10, 11, 12	1	3	NO

High School Credit Conversion

5 semester hours of college credit = 1 high school credit
4 semester hours of college credit = 1 high school credit
3 semester hours of college credit = 1 high school credit
2 semester hours of college credit = .66 high school credit
1 semester hour of college credit = .33 high school credit

Course Load

A student must schedule enough credits at high school and/or college to maintain a full-time student status. A formula is used by Marion L. Steele school counselors to determine the number of credit hours a student can take in a year in the College Credit Plus program. This calculation must be completed each year for a student as the high school credits may change. Also, students may only take a maximum of 120 credit hours in the program during their high school career. If students would like to take more than the maximum number of credit hours, the student can arrange to register and pay for those additional credit hours as a "self-pay" student.

Transportation

Students participating in College Credit Plus will be required to provide their own transportation to and from the area college.

APPLICATION MUST BE ON FILE AND TEST TAKEN BY APRIL 1, 2026. PLEASE SEE YOUR COUNSELOR WITH ANY QUESTIONS.

Marion L. Steele Counseling Department College Credit Plus Agreement Form

I hereby certify that my son/daughter has received appropriate counseling of the Post-Secondary Enrollment Options Program and College Credit Plus (CCP) available to high school students. I also understand my responsibilities as parent/guardian with my son/daughter's participation in the program.

I have been informed of the following: program eligibility, process for granting credit, financial arrangements (tuition, books, materials, fees) criteria for transportation, available support services, scheduling, consequences of failing, student's academic and social responsibilities, graduation requirements, and use of college counseling services.

I have been informed that the subject matter of a course enrolled in under the college credit plus program may include mature subject matter or materials, including those of a graphic, explicit, violent, or sexual nature, that will not be modified based upon college credit plus enrollee participation regardless of where course instruction occurs.

I have also been informed of my academic and social responsibilities as a parent/guardian in the following: acceptance by the college, meeting all requirements and standards for college courses, attendance requirements and means of transportation. I understand that all grades earned in the CCP will be part of my son/daughter's permanent academic record in high school.

I understand that under CCP, should my son/daughter fail or withdraw from any course, I will be held financially responsible for all tuition fees, books, and costs associated with my child's enrollment. I give permission for the college to exchange education records with Marion L. Steele High School. As a parent, I believe my son/daughter possess the maturity and academic ability necessary to complete college-level work successfully.

As a student, I believe I am a mature, self-motivated individual who is able to study at the advanced level required for academic success in college course.

_____ _____

Parent/Guardian Signature Print Name (Parent/Guardian)

_____ _____

Student Signature Print Name (Student)

_____ _____ _____

Counselor Signature Current Grade Date

This form must be signed and returned prior to CCP registration.

From the Ohio Department of Higher Education: ORC 3365.09(A) A school district or nonpublic school may seek reimbursement from students/families under the following two circumstances: 1) If the student receives a failing grade at the end of the college course; or 2) if the student withdraws from or drops the college course subsequent to the 14th calendar day after the particular course began, unless the student is identified as being economically disadvantaged in accordance with Ohio Administrative Code 3333-1-65.6(B)(2).

NCAA Eligibility and Approved Courses

Any student who intends to play NCAA Division I or II athletics should be aware of the NCAA eligibility requirements. As the eligibility requirements are subject to change, it is imperative that student-athletes (especially juniors and seniors and/or parents) meet with their school counselor immediately to acquire and review the NCAA Eligibility Center. Based upon this review it may be necessary to initiate immediate schedule changes in order to satisfactorily meet or exceed the NCAA requirements for coursework, GPA and/or standardized test scores.

Below is a list of NCAA approved courses currently offered at Marion L. Steele High School.

English

AP English 11	English 11	Honors English 10	LCCC ENGL 255
AP English 12	English 12	LCCC ENGL 161	LCCC ENGL 257
English 9	Honors English 9	LCCC ENGL 162	Oral Communication
English 10			

Mathematics

Algebra 1	Calculus 2	LCCC MTHM 168	Modeling and Reasoning
Algebra 2	Geometry	LCCC MTHM 171	Precalculus
AP Calculus	Honors Algebra 2	LCCC MTHM 172	Statistics
Calculus	Honors Geometry		

Science

AP Biology	Chemistry	Honors Biology	LCCC BIO 165
AP Chemistry	Earth & the Environment	LCCC BIO 221	LCCC BIO 221
AP Physics	Forensic Science	LCCC BIO 222	LCCC BIO 222
Astronomy	Honors Chemistry	LCCC BIO 151	Physical Science
Biology			Physics

Social Studies

Adv. Government/Econ	AP World Geography	LCCC HSTR 151	
Adv. American History	Cont. World History	LCCC HSTR 152	Military History
American History	Government/Economics	LCCC HSTR 162	Psychology/ Sociology
AP Government	Honors Cont. World History		World Geography
AP United States History			

World Languages

French I	LCCC SPNH 251	LCCC SPNH 271	Spanish II
French II	LCCC SPNH 252	LCCC SPNH 272	Advanced Spanish III
French III	LCCC SPNH 257	Spanish I	

Lorain County JVS Vocational/ Technical Training

The Lorain County JVS provides two-year training programs in a variety of career areas leading to a job or further post-secondary training. To be admitted to the JVS, students need to apply as part of their sophomore year scheduling process. **Note**: **Sophomores who apply to the JVS, only need to select "JVS" on their schedule at Steele.**

Requirements for Admission for two- year JVS programs:

A. Students must have completed a minimum of two years at Steele and be sixteen (16) years of age by January 1 of that school year in which the student begins classes at the JVS.

B. Students applying to any of the two-year JVS programs should have accumulated a minimum of 10 credits at Steele. The following credits are suggested minimum requirements:

2 credits of English	1 credit of Fine Arts
2 credits of Math	.50 credit - Financial Literacy
2 credits of Science	.50 credit - Health
2 credits of Social Studies	.50 credit - Physical Education

Programs Offered at Lorain County JVS

Allied Health Sciences

Allied Health Sciences students get a solid foundation to begin health and medical careers. This program integrates rigorous academic preparation with hands-on technical instruction. Students are exposed to a wide variety of careers as they explore roles of many health care related jobs and are trained and educated to be successful in those careers. They will learn about medical ethics, infection control, safety, body mechanics, nutrition, communication, employability skills, teamwork, and professionalism. College credits are available upon successful completion of this program.

Automotive Technology

Students are instructed in diagnosis, repair, and make adjustments of all phases of automotive mechanics. Instruction covers work on both gas and diesel engines. Students use the latest automotive testing equipment including computerized diagnostic equipment.

Bakery & Pastry Arts

Students learn the basic techniques of baking and then move into more advanced methods working with marzipan, chocolate, and meringues. The science of baking is included in the course as well as sanitation procedures and safety practices. Students work in an on-site bakery with the most modern equipment as they train for a career in the industry.

Culinary Arts

The Culinary Arts program trains students in all areas of the demanding and competitive world of food service. Basic cooking techniques, baking, salad preparation, cafeteria operation and advanced culinary skills are taught by chef instructors and guest chefs. Students operate a full-service restaurant in their senior year and cater functions before, during and after school.

Carpentry
Carpentry students learn basic carpentry skills to repair, construct, and remodel buildings and homes in a real-world practical setting. The program includes the layout of floors, walls and rafters, framing, stairway construction, and interior/ exterior trim and finish.

Career-Based Intervention—12th Grade Program
The Career Based Intervention program is designed for senior students who are academically on track for graduation and are looking for a real-world work experience during the lab portion of their school day. The program attempts to reorient students' attitudes toward higher levels of achievement in school and work to reinforce their social responsibility to our society. It is hoped this can be accomplished by arranging suitable, on-the-job training and related instruction to develop feelings of accomplishment and success. Career Based Intervention students must work during the lab portion of their school day in the local business community and they receive high school credit for this work experience.

Career Exploration—10th Grade Program
The Career Exploration Program is designed to provide students with a hands-on, career-based experience. Career Exploration students will shadow a JVS career-technical lab each quarter. Upon completion, students will be able to make an informed decision when applying for a two-year career-technical program. Students qualified to enroll in this program are: Sophomores, 15 years old, and have 3-6 high school credits. To be considered for this program, students must have: A school counselor recommendation and a JVS application on file. Upon successful completion of the Career Exploration Program students can apply to a two-year career technical program.

Career Readiness—9th Grade Program
The Career Readiness Program is designed for students who would excel in a hands-on career-based high school experience. Students are placed in a lab based on their preference on application, and on availability. They will develop skills and knowledge necessary for acceptance in our career technical programs as juniors and seniors. Students will spend four quarters in the Career Readiness program, where using different types of equipment, projects, and career modules, they will learn appropriate safety procedures and obtain a variety of skills that will help them focus on a successful career choice. Students qualified to enroll in this program are Freshmen, age 14 years old, with 0 to 3 high school credits. To be considered for this program a student must have: A school counselor recommendation and a JVS application on file. Upon completion of the Career Readiness Program students can apply to the 10th grade Career Exploration Program.

Cosmetology
Cosmetology students receive instruction and hands-on training in the art and science of hair, skin, and nail care. Students receive technical, practical and customer service skills in both a classroom and salon environment. Seniors operate a full-service salon open to the public and are required to take the Ohio State Board Exam for license.

Collision Repair
Students work on vehicles requiring frame and body straightening, welding, refinishing, and painting. Training includes replacing glass, installing upholstery, estimating costs of parts, labor, and preparation of insurance forms.

Commercial Truck Technology
Commercial Truck Technicians repair and maintain diesel engines that power transportation equipment such as heavy trucks and buses. In addition to basic skills such as welding, using oxyfuel equipment and digital electronics, students learn to service, repair, and maintain vehicles using hand and power tools as well as modern computer diagnostics.

Cybersecurity & Networking
Learn about cyber threats and how to secure networks and devices from harmful intrusions. Build, upgrade, and repair computers and maintain laptops and mobile devices.

Digital Media Arts
Students in the Digital Media Arts program learn the fundamental principles and processes of computer-based design using a variety of traditional and non-traditional media with an emphasis on problem-solving and creative exploration. Using such media as high-definition video, sound, animation, installation art, print and digital photography, students work in a digitally integrated computer lab and studio environment to gain hands-on experience. Students apply color theory, visual design and conceptualization to project-based assignments that focus on growing their skill sets and technical abilities, while building a portfolio for post-secondary and internship opportunities. Throughout the two-year program, students have the opportunity to apply their knowledge and critical analysis skills by participating in student critiques. Using industry-standard hardware and software, students will create digital content that can be applied to a career in video/film production, 2d/3d animation, photography and print media.

Early Childhood Education
Early Childhood Education students teach three to five-year old children in our ODE licensed preschool classrooms. They plan, conduct, and assess developmentally appropriate lessons and activities based on themes and studies. Using the Creative Curriculum and studies, student teachers promote exploration and discovery through learning. Students also plan field trips, carry out assessments, provide ongoing communications to parents, conduct parent-teacher conferences, and develop a positive relationship with their preschool students. Students also gain experience working with infants, toddlers, and school-age students at local daycare centers, Head Start programs, and elementary schools. Through these experiences, students observe mentor teachers in classrooms outside of the JVS, learn to work with children of all ages and background, and learn new teaching strategies and ideas. Students have the opportunity to earn 120 classroom hours towards a National Child Development Association credential.

Engineering Design and Technologies
Students prepare solid models and detailed technical drawings used to build everything from spacecraft to bridges to buildings. Students learn both manual and computer design skills, working with software packages including AutoCAD, SolidWorks, Inventor, and REVIT Architecture. They learn problem-solving techniques and precision measurements through correlated machining projects with Precision Machine Technology. Students have opportunities to build many hands-on models and prototypes of their designs. They will also be receiving training in coding and flight of unmanned aerial vehicles (UAV Drones) preparing them for careers in engineering, agriculture, transportation and more.

Heating and Air Conditioning
Heating and Air Conditioning students learn to install, and repair air conditioning and heating units used in homes, offices, and businesses. They lay out and fabricate ductwork, electrical components, and pipe fittings.

During the senior year, students have the opportunity to take the Environmental Protection Agency (EPA) test for handling refrigeration to receive EPA certification.

Hospitality Services - A
Hospitality Services - A is a one-year training program which requires a special recommendation from the student's school counselor. Students learn basic skills used in the hotel and restaurant industry. Skills will range from basic food preparation to housekeeping competencies used in the industry

Hospitality Services – B
Hospitality Services - B is a one-year training program which requires a special recommendation from the student's school counselor. Students learn job skills that focus on developing employability skills necessary to advance in the food service and hotel industry. Students participate in many lab activities by working in the Culinary Academy, working at the Courtyard Marriott Hotel. This program allows students to work with the most up-to-date equipment as they begin to train for a career in the industry.

Industrial Electricity
Industrial Electricity students maintain and install motors, transformers, control instruments, lighting systems and many other different types of electrical equipment used in industrial and residential settings. Students also learn about computer programmable controls, conduit bending and installation of commercial and industrial wiring.

Industrial Equipment Mechanics
Students repair and maintain gasoline and diesel systems that power such items as agricultural equipment, bulldozers, cranes, and forklifts. Also covered is small engine repair such as lawn and garden tractors and recreational equipment.

Job Training Program
The Job Training Program is a one-year training program which requires a special recommendation from the student's school counselor. Learn basic work skills such as following written or sample directions, staying on task, working with good speed and quality in order to meet deadlines.

Landscape & Greenhouse Management
Students are introduced to a diversity of career opportunities within the year-round green industry. They learn aspects of landscape design, greenhouse management and production, equipment operation and maintenance, golf course and sports turf management, floral design, garden center operation, customer service and business management.

Maintenance Services A/B
The Maintenance Services Program requires a special recommendation from the student's school counselor. Explore basic carpentry, electrical, flooring, HVAC, painting, plumbing, and roofing. Learn proper installation for drywall, windows, and doors. Learn the proper use of hand tools and power equipment related to the residential construction industry

Marketing and Entrepreneurship
Obtain knowledge and skills in business activities to develop and implement marketing strategies and techniques. Apply tools, strategies, and processes to communicate digitally with targeted customers and learn the initial steps to establish a business.

Masonry Trades
Masonry Trades students learn the basics of working with brick, block, stone and concrete as well as other materials such as marble, glazed tile and structural tile. They are taught to use hand tools and bonding materials as they learn to construct walls, partitions, fireplaces, and chimneys.

Project Lead the Way | Engineering
Project Lead the Way | Engineering is a high school college tech-prep program designed to help students succeed in engineering, science, and technology careers. The Project Lead The Way (PLTW) program offers a student the opportunity to survey the major fields of engineering and prepares them to choose their path to success in college engineering coursework. Students who choose to continue the PLTW program take their junior and senior courses at a satellite location on the campus of Lorain County Community College. Academic courses are usually taken at a student's home school or at Lorain County Community College.

Precision Machine Technology
Students use lathes, drill presses, milling machines, and hand tools to make parts or one-of-a kind items for companies who produce everything from cars to computers. Math instruction is related to part dimensioning, tool geometry, speed and feed calculations, and quality control. An emphasis is placed on bench work and heat treatment of various metals. The use of computer numerical control (CNC) equipment is covered during the senior year.

Public Safety
Learn first aid and CPR, patient care, ambulance transport, injury assessment, fire science and protection, pre-hospital care. Prepare to take the Ohio Firefighters II certification test and the National Registry Exam for EMT/B certification.

Sports, Health and Fitness
Technology Sports, Health and Fitness Technology is a two-year program for students interested in pursuing careers in the Fitness, Sports Medicine, and Therapy industries. The technical focus of the program is on anatomy, exercise physiology, strength and conditioning, nutrition, medical terminology, sports medicine, and therapy techniques. In addition, a core body of knowledge (e.g., communication, group-collaboration, legal and ethical responsibility, health, and safety) is provided to prepare students for the 21st century. Students transitioning to post-secondary education will receive reinforcement and additional training in these areas. The curriculum is driven by industry standards that prepare students for a variety of certifications/licenses.

Teacher Education Exploration— 12 Grade Program
Receive three credits for classroom work and internship experience in a local elementary, middle, or high school.

Web and Graphic Design
Students will become skilled in transforming photographic images through the use of software photo editing techniques and digital cameras. Visual design principals and technical art skills come into play when learning to design, develop, and produce interactive media projects, websites, graphics, animation, game design, and social media contexts.

Welding & Fabrication

Students are trained in all processes of welding including stick, Metal Inert Gas (MIG), Tungsten Inert Gas (TIG), and flux core. The goal of the program is to obtain as many American Welding Society (AWS) certifications as possible. Students will gain knowledge of oxyfuel and plasma arc cutting. Customer projects are an important part of the program; students learn to layout, fabricate and weld actual projects to industrial standards.

Steele News Live

Steele News Live Introduction to TV Communication Technology
Credit: 1
Grade: 10 and 11
Length: 36 weeks, 1 period

Students will learn the basic fundamentals and professional ethics of what it means to be a journalist. Issues that face the television industry are explored using professional journals and articles. The program introduces students to the process of successful team building and the technology needed for all phases of TV Production. Students will gain hands-on experience operating all of the equipment in our professional television studio, including computers, monitors, cameras, mics, lighting, audio board, switcher, prompter, graphics, and streaming software. They will also learn how to film and edit various types of videos in preparation of making their own features that will air on Steele News Live.

Steele News Live Advanced TV Communication Technology
Credit: 2
Grade: 11, 12
Length: 36 weeks
2 consecutive periods (1st and 2nd period)
Prerequisite: INTRO TO TV COMM TECH

Lights! Camera! Action! You are on Steele News Live! Using the skills learned during Intro to TVCT, our Advanced TVCT students write, edit, produce and perform the Steele News Live show - a live 10-minute newscast that is seen daily by the entire school. Students continue to learn how to produce videotaped feature stories on people in our school and community as well as on important school events.

Introduction to Journalism
Credit: 0.5
Grade: 9, 10, 11, 12
Length: 18 weeks, 1 period

Students will learn the basic fundamentals and professional ethics of professional journalism. Issues that face the television industry are explored using professional journals and articles. This class will teach students how to conduct interviews and write news stories and scripts for TV, print, and web sources. Students will also learn all aspects of yearbook production and will be introduced to broadcast journalism, becoming acquainted with equipment and roles involved in producing Steele News Live.

Medical Health Technology

Medical Health Technology is a two- year program that prepares you to pursue a degree in allied health care. Most coursework in Medical Health Technology is articulated with Lorain County Community College. The student must earn a grade of 80% to earn full college credit with articulated courses. Currently, ALHN 110; HPED 165; ALHN 121 are offered as CCP courses.

Medical Health Technology 11 (MHT)
Credits: 2
Grade: 11
Length: 36 weeks, 3 consecutive periods

LCCC ALHN 110 Medical Terminology 1- CCP
Credit: 1 (3 LCCC credits) (weight 1.0)

This course will introduce medical terminology including common medical word roots, prefixes, suffixes and combining forms. It will include common medical abbreviations, pronunciations, spelling and definitions of medical terminology related to the human body systems.

HLED 153 First Aid and Safety (2)*
This course utilizes hands on training to provide the citizen responder with the knowledge and skills necessary to perform in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until professional medical help arrives. Red Cross Responding to Emergencies and American Heart Association Healthcare Provider certificates will be awarded upon successful completion of the course.

ALHN 113 Introduction To Patient Care (1)*
This course introduces the student to the health care delivery system, exploring methods of providing basic patient-care skills, patient safety and an introduction to healthcare worker safety in a medical environment.

HLED 181 Nutrition & Weight Management Strategies (2)*
This course is designed to enhance the student's knowledge and understanding of healthier eating patterns and exercise as a means of reaching and / or maintaining a healthier weight and prevention of lifestyle diseases.

HPED 166 Group Fitness Prep (2)*
The focus of this class is to develop instructional techniques such as cueing, choreography, and how to safely modify classes to meet the needs of both healthy individuals and special populations for all formats of group exercise classes.

PEWL 151 Stress Management (2)*
An introduction to a study of the physiological and psychological effects of stress upon the human body. The focus is on the investigation and practical application of specific skills for managing stress throughout one's lifetime.

HPED 265 Prevention & Care of Sport Injuries (2)*
This course presents an introduction to sports medicine. It will provide the student with the basic fundamentals of preventing, recognizing managing, taping/ wrapping and evaluating of athletic related injuries / diseases.

Medical Health Technology 12 (MHT)

Credits: 2
Grade: 12
Length: 36 weeks, 3 consecutive periods

BIOG 115 Body Structure & Function (3)*
Prerequisite: ALHN 110 or equivalent BIOG 122

Provides a basic knowledge of normal structure and function of the human body.

LCCC ALHN 121 General Pathology (2) – CCP
Credit: 0.66 (2 LCCC credits) (weight 1.0)
Prerequisite: BIOG 115 / BIOG 122

Basic principles of pathogenesis are explored. This also includes the study of the clinical manifestations of diseases according to body systems, diagnosis, treatment, and surgical intervention for the specific disease processes.

LCCC HPED 165 Introduction to Exercise Science (3) – CCP
Credit: 1 (3 LCCC credits) (weight 1.0)

This course provides an introduction to exercise science and the related sub-disciplines. Information concerning choosing a career, national certifications, professional organizations, and legal issues will be addressed. Students will explore professional goals, potential careers, and the essential competencies required to be successful in the field of exercise science and sport and fitness management.

HPED 172 Exercise Management For Special Populations (2)*
This course provides an overview of health considerations and exercise programming for special populations though identification of medications, modification of testing procedures, equipment adjustments and exercise prescriptions.

HLED 152 Community Health (2)*
This course encompasses knowledge and understanding of major health problems in communicable and noncommunicable disease control, safety, consumer and environmental health.

HPED 285 Wellness Practicum Seminar (2)*
Student interns will apply practical skills by working 105 hours in the field of health, physical education and fitness through on campus and off-site experiences. Seminar component will address topics relevant to case studies, exercise programming, legal and safety concerns. A professional program portfolio will be completed and submitted as part of the course requirements.

*** LCCC ARTICULATED CREDIT**

Naval Junior Reserve Officer Training Corps (NJROTC)

Naval Junior Reserve Officer Training Corps (NJROTC) courses carry full elective credit toward graduation from Marion L. Steele High School. The Navy National Defense Cadet Corps (NNDCC) can be a four-year program for those students who enter in the ninth grade. Cadets must wear a Navy uniform once a week and must maintain military grooming standards. The NNDCC unit participates in a number of extra-curricular activities. Students must be enrolled in NNDCC to participate in NNDCC extracurricular activities.

NAVAL SCIENCE ONE (NJROTC1)
Credits: 1
Grade: 9,10,11, 12
Length: 36 weeks

During this course, cadets will become familiar with proper uniform wear, physical fitness training, and military drill. Academic work will consist of an introduction to the Naval Junior Reserve Officer Training Corps, followership, leadership, and basic citizenship principles, foundations of our government, navy ships and naval aviation.

NAVAL SCIENCE TWO (NJROTC2)
Credits: 1
Grade: 10,11, 12
Length: 36 weeks

During this course, cadets will continue to demonstrate proper uniform wear and military drill and will continue with physical fitness training. Academic work will consist of continued leadership training, naval history through World War II, meteorology, weather, oceanography, astronomy, basic electricity, naval electronics, and basic survival training. *Prerequisite: Passing Naval Science* I

NAVAL SCIENCE THREE (NJROTC3)
Credits: 1
Grade: 11, 12
Length: 36 weeks
During this course, cadets will continue to demonstrate proper uniform wear, military drill, and will continue with physical fitness training. Academic work will consist of advanced leadership training, military justice, international law, and the law of the sea. Additional studies include sea power, national security, oceanography, naval operations, communications and intelligence gathering, basic electricity, and naval electronics. *Prerequisite: Passing of Naval Science 2*

NAVAL SCIENCE FOUR (NJROTC4)
Credits: 1
Grade: 12
Length: 36 weeks

During this course, cadets are expected to work independently and assume a large portion of the leadership responsibilities of managing and operating the NNDCC unit. NS4 cadets will serve as teacher aides during Naval Science 1 and Naval Science 2 classes. They will spend time each week conducting precision military drill,

uniform inspections, and will also teach some basic course work, all under the close supervision of the Naval Science instructor. *Prerequisite: Passing of Naval Science 3*

Students who participate in the Navy National Defense Cadet Corps (NNDCC) program are eligible for the following: Completion of two years will get cadets a PE waiver and eligibility for advancement to E-2 in the Navy upon enlistment. Completion of three years of the program will get cadets eligibility for advancement to E-3 in the Navy and E-2 in the Army & Marine Corps. Cadets who complete four years of the program will receive their military enlistment seal and all cadets will have opportunities to earn their student engagement and community service seals as through participation in unite sponsored events.

Technology/ Business Education

All Things Google
Credit: 0.5 (counts toward a Fine Arts credit)
Grades: 9,10,11,12
Length: 18 weeks, 1 period

In this All Things Google course, students will learn basic and advanced features in Google Workspace in the first nine weeks. This class will empower students with the knowledge and skills to navigate various Google applications effectively. Students will use this knowledge to create professional looking documents while gaining hands-on experience to enhance their productivity and collaboration in both personal and professional settings. In the second nine weeks of this course, students will apply this knowledge as they compete in LCCC's Flex Factor Program, a project-based learning program designed to engage students with advanced technologies, entrepreneurship, and the education and career pathways that will lead to employment in the high-tech sector.

Creative Digital Design
Credit: 0.5 (counts toward a Fine Arts credit)
Grades: 9, 10,11,12
Length: 18 weeks, 1 period

In this Creative digital design course, students will embark on a creative journey into the dynamic world of digital design. This hands-on learning experience is tailored for individuals seeking to unleash their artistic potential creating visually stunning digital creations. Through in-depth exploration and practical exercises, participants will master the essential tools and techniques in Adobe Photoshop and Illustrator, industry-standard software for graphic design and digital illustration. No prior knowledge is required.

Comet Creations
Credit: 1.0 (counts toward a Fine Arts or Technology credit)
Grades: 10,11,12
Length: 36 weeks, 1 period
Prerequisite: Successful completion of a Makerspace course or demonstration of competency in using design software (such as Adobe Illustrator or Canva) and basic Makerspace equipment.

In this year-long, hands-on course, students will dive into the world of design, manufacturing, and sales by creating unique spirit items, apparel, and handcrafted products for the Comet Corner. Using a mix of creative software and equipment such as laser engravers, vinyl printers, and direct-to-film (DTF) printers, students will bring their design ideas to life in a professional setting. This course encourages independent work and creativity, allowing students to explore personal style and ideas with minimal structure.
In addition to designing and producing items, students will explore basic concepts in marketing and advertising as they learn to promote products and drive sales in the store. They will collaborate on promotional campaigns, brainstorm strategies for engaging customers, and experiment with digital and in-person advertising techniques to support the store's business.

Note: This class requires a high level of independence, creativity, and initiative as students take ownership of their projects from concept to final product.

Intro to Computer Science
Credit: 1 (counts toward a Fine Arts credit)
Grades: 9, 10,11,12
Length: 36 weeks, 1 period

Introduction to Computer Science teaches students how to think algorithmically and solve problems efficiently. Topics include computer networking, cybersecurity, algorithmic thinking, control structures, variables, software development, and web development. Languages include C#, C++, PHP, and JavaScript plus CSS and HTML. Problem sets inspired by real-world domains of biology, cryptography, finance, forensics, and gaming. This course is a prerequisite for Advanced Computer Science. Completion and passing of this course will grant the student the Ohio Technology Seal on their diploma.

Intro to the Makerspace
Credit: 0.5 (counts toward a Fine Arts credit)
Grades: 9, 10,11,12
Length: 18 weeks, 1 period

This semester-long course promotes inquiry-driven learning as students explore equipment in the Makerspace. This class is designed to serve as an in-depth exploration of the climate and the culture of the maker movement that ignites creativity and teaches problem-solving providing students with skills for the future. In this course, students engage in hands-on learning experiences that promote creativity and innovation. Participants have the opportunity to explore various tools, equipment, materials, and techniques as they work on projects that span a wide range of disciplines, from laser engraving and woodworking to apparel design and embroidery. This course provides a dynamic environment where students can bring their ideas to life through practical, make-and-take projects.

AP Computer Science A
Credit: 1 (weight 1.0)
Grades: 10,11,12
Length: 36weeks, 1 period
Prerequisite: Intro to Computer Science

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, and more. The course emphasizes object-oriented programming and design using the Java programming language. Completion and passing of this course will grant the Ohio Technology Seal on their diploma. **AP examination is required to receive course credit (approximately $85.00).**

Introduction to 3D Printing and Design
Credit: 0.5 (Counts toward a Fine Arts or Technology credit)
Grades 9, 10, 11, 12
Length: 18 weeks, 1 period

In this hands-on course, students will explore the dynamic field of 3D printing, gaining practical skills and insights into a technology that is transforming industries worldwide. Students will dive into the science behind 3D printing, examining how this additive process contrasts with traditional subtractive manufacturing. By

understanding the impact of 3D printing on supply chains, students will see how this technology is reshaping production across sectors such as healthcare, automotive, aerospace, and consumer goods.
Throughout the course, students will also learn fundamental 3D design principles, working with basic slicer settings to prepare models for printing. They will develop skills in Computer-Aided Design (CAD), ensuring they understand key considerations such as wall thickness, overhangs, bridging, and infill. This course offers a unique blend of theory and hands-on experience, preparing students for further study in engineering, design, or advanced manufacturing.

Makerspace Open Lab**
Credit: NONE
Grades: 9,10,11,12
Length: TBD, 1 period
Students will have the opportunity for open lab time for robotics, computer technology courses, design, and art courses. Students may freely work on any projects and may utilize the tools and resources available to them in the Makerspace.
**Students must be enrolled in an eligible course and this lab will replace a study hall period in their schedule.

Introduction to Engineering (*Formerly Project Lead the Way*)
Credit: 1
Grades: 10, 11, 12
Length: 36 weeks, 1 period

This year-long course is an Introduction to the Project Lead the Way program as part of the College Technology Program partnership with Lorain County JVS and Lorain County Community College.

This course is an introduction to basic engineering concepts. Students will be introduced to the design process and use engineering standards to complete hands-on projects. Students work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work. Successful completion of the course will award the student transcript college credit.

Financial Literacy
Credit: 0.5
Grade: 9
Length: 18 weeks, 1 period

Financial Literacy will introduce students to concepts involved with financial responsibility. The course goal is to teach students how to be successful in handling their money. Topics covered will include decision making and goal setting, education and career Choices, budgeting basics, understanding and using credit, spending and saving wisely, earning money and paying taxes, identity theft and fraud, teen consumer rights and responsibilities. This course satisfies the state requirement for a personal finance experience.

LCCC SDEV 102 Strategies for Creating College Success - CCP
Credit: 1 (3 LCCC credits) (weight 1.0)
Grades: 9, 10, 11, 12
Length: 18 weeks

An introduction to valuable resources and strategies for creating success in college and in life and improving academic performance. Topics include personal responsibility; motivation, personal, academic and career; goal setting; learning styles; study skills; decision-making; problem solving; financial stability; and priority management. Students will create an individualized academic wellness plan to apply student strengths and resources towards a degree best suited for each student.

Advanced Manufacturing Electives

Industrial Robotics
Grades: 9, 10, 11, 12
Length: 18 weeks

This course will look at operation, programming, and application of industrial robotics used in automated manufacturing. Topics covered will include introduction to industrial automation technologies available for these tasks. A focus of FANUC robots and ROBOGUIDE simulation software will be used to equip students with current industry skills. This class meets the graduation requirements for the technology seal and provides six points towards the industry-recognized seal.

Computer Integrated Manufacturing (CIM)
Grades: 9, 10, 11, 12
Length: 18 weeks

This course will look at electronics automating the manufacturing process through Rockwell Automation equipment. The same technology used to operate roller coaster control systems. Students will fully wire and configure workstations, program controllers using ladder logic programming and develop deep troubleshooting skills in an automated system. Interactive hardware workstations contain operator panels, control hardware, and a human machine interface (HMI) device with an introduction to motor functions controlled by AC and DC drives. This class meets the graduation requirements for the technology seal and provides six points towards the industry-recognized seal.

Mechatronics
Grades: 10, 11, 12
Length: 18 weeks
Prerequisite: AETC 115 or Industrial Robotics AND AETC 121 or Computer Integrated Manufacturing.

Mechatronics is the integration of mechanical systems with electronics and software to create products and systems that are more functional and efficient. Students will use real-world industry equipment that is not available in any other high school in Ohio. The Flexible Manufacturing System provides the latest technology for deep troubleshooting with the combination of industrial robotics, programmable logic controllers and smart manufacturing technology. Successful completion of this course will earn students industry recognized

credentials in fluid power, mechanical systems, and Industry 4.0 and a foundational knowledge of two types of robotic vision systems.

LCCC AETC 115 Industrial Robotics - CCP
Grades: 9, 10, 11, 12
Length: 18 weeks

Operation, programming, and application of non-collaborative and collaborative industrial robotics used in automated manufacturing. Topics covered will also include introduction to industrial automation technologies available for this task. A focus of FANUC robots and ROBOGUIDE simulation software will be used to equip students with current industry skills. This class meets the graduation requirements for the technology seal and provides six points towards the industry-recognized seal.

LCCC AETC 121 Programmable Logic Controllers - CCP
Grades: 9, 10, 11, 12
Length: 18 weeks

Students will study ladder logic programming and the application of programmable logic controllers (PLC). Theory and practice of hardware selection, setup, configuration, and troubleshooting. Students will apply their skills towards the programming of PLC hardware for industry related situations using Rockwell Automation's Studio 5000 Logix Designer software. Logical thinking skills developed in this course will help prepare students for careers as an engineer, lawyer or doctor. This class meets the graduation requirements for the technology seal and provides six points towards the industry-recognized seal. Completion of AETC115 or Industrial Robotics is highly recommended before taking this course.

Industry Recognized Credentials (Graduation Seal points):

FANUC CERT Handling Tool Operations and Programming (6 points)
This level 1 certification of completion is awarded from FANUC America to all students who successfully complete AETC 115 or Industrial Robotics. FANUC is a well known name and will make students very marketable in the robotics, automation, manufacturing, and engineering industries. This credential meets requirements for the technology and industry graduation seals.

Rockwell Automation has designed specific online courses and assigned industry equipment to award the following credentials which meet the requirements for the technology and industry graduation seals.

Successful completion of Computer Integrated Manufacturing will receive the
Allen Bradley/Rockwell Automation PLC credential (6 points).

Successful completion of AETC 121 will receive:
Studio5000Logix Designer Level 1: ControlLogix Fundamentals and Troubleshooting credential (3 points)

Studio5000 Logix Designer Level 2: Basic Ladder Logic Programming credential (3 points).

SMC International Training has developed a curriculum for the following credentials that can be earned by all students who successfully complete Mechatronics.

Certified Fluid Power Technician Level 1

Certified Mechanical Systems Technician Level 1

Certified Industry 4.0 Technician Level 1

Family and Consumer Sciences

Career and College Readiness
Credit: 0.5
Grades: 10,11,12
Length: 18 weeks, 1 period

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship. In this course, students will analyze interests, aptitudes and skills to prepare for careers and transition through life. An emphasis will be placed on work ethics, team building, communication and leadership skills. Additional topics will include technology etiquette and career planning.

Child Development
Credit: 0.5
Grades: 10,11,12
Length: 18 weeks, 1 period

This class is designed to study the self, decision-making, relationships, readiness for marriage, qualities of a successful marriage and a strong family unit. The course will analyze the choice to parent, explore parenting styles, and focus on the development of children from conception to school age. Basic childcare will emphasize physical, emotional, social and intellectual growth. Related career exploration will be continuous. Practical information will help students with real life situations. Students are required to care for a Real care Baby infant simulator as a weekend project.

Culinary Fundamentals & Wellness
Credit: 0.5
Grades: 10,11,12
Length: 18 weeks, 1 period
Prerequisite: Principles of Food & Textile Management

Students will study food patterns created to healthy lifestyle choices with emphasis on nutrition, safe food handling & practices that sustain the environment. They will analyze wise food purchasing decisions and meal management techniques. Students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation of appetizers, main dishes, salads, pastries, holiday baking and candy making. Class fees cover cooking expenses.

Personal Wellness
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

In this course, students will analyze personal physical, emotional, social and intellectual growth for a healthy lifestyle. An emphasis will be placed on lifespan wellness by managing stress through relaxation, physical activity and sleep. Additional topics will include human growth development, mental health management, personal hygiene and preparing for emergency medical situations.

Principles of Food & Textile Management
Credit: 0.5
Grade: 9,10,11,12
Length: 18 weeks, 1 period

Students will study the fundamentals of real food origins and nutritional values to gain knowledge in practicing a healthy lifestyle. They will experience the skills to become safe consumers and handlers of food. Students will master basic levels of skill required to prepare nutritious foods independently. Additional focus on savvy consumerism will explore creative environmental solutions, the utilization of sustainable resources (repair, recycle and repurpose), the impact of advertising, and the development of consumer purchase decision skills. Basic clothing construction activities and maintenance techniques are designed to promote project planning and time management while building self-reliance for successful adult life management. Class fees cover cooking expenses. Students are responsible for the selection and purchase of individual textile projects.

Textile and Interior Design
Credit: 0.5
Grade: 10,11,12
Length: 18 weeks, 1 period
Prerequisite: Principles of Food and Textile Management

In this course students will explore a broad range of topics relating to the various aspects and career opportunities available in the field of textiles and design. The emphasis will be given to textiles project development and developing strategies to maintain the home. Additional topics will include project collaboration, design techniques and environmental sustainability. Students will utilize the Makerspace to create projects that will then be completed using various tools such as the embroidery machine, sewing machines, hand sewing and wood working tools.

Fine Arts

Art I
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

This course provides a solid foundation for the visual and technical aspects in art. This course is designed to develop your potential as a creative and critical thinker. It is an introduction to the variety of media available, emphasizing the elements of art: line, shape, form, variety, space, texture, and color. This a beginning art class for students wishing to pursue upper-level art courses, as well as for those who wish to satisfy their Fine Arts requirements for graduation. By exploring exciting opportunities and materials through the art-making process, students will develop an understanding and appreciation of art as a means of expression. Fee required.

Art II
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

This course continues to emphasize both the visual and technical aspects learned in Art I. Personal expression is emphasized, and the study of Art history provides the student with a better understanding of the Visual Arts as a means of communication. This course concentrates on drawing, painting, and printmaking. Students will learn to analyze their own works of art, as well as the art of the peers by participation in classroom critiques. Students will have an opportunity to create artwork that has greater depth, detail, and meaning in Art II. This course is designed to push students to think critically, be creative, and increase their potential as an artist. Fee required.

Art III
Credit: 0.5
Grades: 10,11,12
Length: 18 weeks, 1 period

This course is designed for students who are seriously interested in art. This course guides the self-motivated art student to create high quality artwork through a series of challenging artistic problems. This course will focus on the development of the skills learned in Art I and Art II, as well as expanding on the media available to the artist in the 21st century. Art History and critiques continue to add to the development of each student. This course is designed to give a lot of responsibility to the individual so that each student can reach their full artistic potential. Artwork created in this class becomes part of the student's art portfolio: a collection of works showing excellence, growth, and artistic development. A sketchbook may be needed. Fee required.

Art IV
Credit: 0.5
Grades: 11,12
Length: 18 weeks, 1 period

This class may be taken after Art III but is separate from the AP Studio Art class. This course guides the self-motivated art student through the continuing assessment, development, organization, selection and presentation of his or her artwork and portfolio. Each student continues to create pieces to enhance and complete their portfolio. This course is designed to give a lot of flexibility and responsibility to the individual, in order to meet the differing needs of each student. This class offers each student an opportunity to concentrate on a specific medium, which may include drawing, painting, ceramics, printmaking, sculpture, design, and photography. Assessments, deadlines, and critiques are agreed upon by the student and instructor. A sketchbook and other materials may need to be purchased by the student. Fee required.

AP - Studio Art
Credit: 1 (weight 1.0)
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Approval of Instructor

This course is designed for the highly motivated and responsible student who is committed to the study and creation of visual art. The student must be willing to put in the time and effort necessary to produce high quality work. Using guidelines established by the Advanced Placement College Board, students must prepare a portfolio of their best work to be submitted for discussion and evaluation at the end of the school year. Students will work in a variety of media, including a personal concentration of at least twelve pieces that focuses on a theme of personal interest to each student. To be successful in this course many of the art projects must be done outside of class. Students will have the opportunity to concentrate in a particular medium, art style, and/or subject matter. Students are expected to complete approximately one major project each week, and they will be required to prepare portfolios of their best work for participation in the Spring Portfolio Exhibition and for the College Board's AP portfolio exam. A sketchbook and other materials may need to be purchased by the student. Fee required. **AP examination (portfolio review) is required to receive course credit (approximately $85.00).**

AP – 3D Art and Design
Credit: 1 (weight 1.0)
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Approval of Instructor

This course is designed for the highly motivated and responsible student who is committed to the study and creation of visual art. The student must be willing to put in the time and effort necessary to produce high quality work. Using guidelines established by the Advanced Placement College Board, students must prepare a portfolio of their best work to be submitted for discussion and evaluation at the end of the school year. In AP 3-D Art and Design, you'll use the skills you learn in the course, and your own ideas, to create unique works of art. Throughout the course, you'll develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating 3-D art and design skills through sculpture, architecture, jewelry, fashion and apparel design, bookmaking, game design, interior design, fibers, and others.. Students are expected to complete approximately one major project each week, and they will be

required to prepare portfolios of their best work for participation in the Spring Portfolio Exhibition and for the College Board's AP portfolio exam. A sketchbook and other materials may need to be purchased by the student. Fee required. **AP examination (portfolio review) is required to receive course credit (approximately $85.00).**

Intro to Ceramics
Credit: 0.5
Grades: 11,12
Length: 18 weeks, 1 period
Prerequisite: Art 1

This course introduces students to the basic hand-building methods including pinch, coil, and slab techniques, as well as wheel throwing techniques. This course will introduce students to clay properties and processes. Students will create functional and non-functional works. Glazing, finishing, and surface design will also be addressed. Relevant criticism and art history will be incorporated into 3-dimensional assignments. Students will be expected to apply design elements and principles as they create functional and sculptural forms in clay. In addition, students should be willing to take creative risks in striving to develop personal ideas and interests in an original style. Individual expression is encouraged along with the appreciation for disciplined work habits in art. Fee required.

Ceramics II and Sculpture
Credit: 0.5
Grades: 11,12
Length: 18 weeks, 1 period
Prerequisite: Intro to Ceramics, Art 1

This course will build upon the skills introduced in the Intro to Ceramics course. Additionally, students will gain experience in the concepts of 3-dimensional design. They will learn methods in altering hand-built and wheel-thrown projects as well as mold making, and use of molds for working in series. Advanced glazing techniques will include use of resists, underglazes, and stains. Projects will predominantly explore the visual elements of mass, form, and space. Projects may include but are not limited to: assemblage, constructing on an armature, bas-relief, mold-making, and working in series. Throughout this course, students will address art criticism, relevant art history, and contemporary issues in sculpture.

Jazz Ensemble
Credit: 1
Grades: 9,10,11,12
Length: 36 weeks, 1 period
Co-requisite: Enrolled in Symphonic or Wind Ensemble.

Jazz Ensemble explores various jazz styles, including swing, Latin, funk, and rock through performance of select literature. Students develop improvisation skills, learn jazz theory, and refine ensemble techniques. This group performs at all concerts, as well as additional festivals and community events.

Symphonic Band
Credit: 1
Grades: 9,10,11,12
Length: 36 weeks, 1 period
Prerequisite: completion of Amherst Junior High band program or other equivalent junior high/middle school band program. Students who do not meet the prerequisite may receive an exemption if certain conditions are met (see director for more information).

Symphonic Band is a comprehensive study of music and instrumental technique through the performance of select literature. This class is intended for developing musicians. Required performances include: Winter Concert, Festival of Bands, OMEA Large Group Adjudicated Event, and Spring Concert.

Wind Ensemble
Credit: 1
Grades: 9,10,11,12
Length: 36 weeks, 1 period
Prerequisite: completion of the Amherst Junior High band program or other equivalent junior high/middle school band program. Students who do not meet the prerequisite may receive an exemption if certain conditions are met (see director for more information).

This ensemble is audition only. Wind Ensemble is a comprehensive study of music and instrumental technique through select literature. This class is intended for advanced musicians. Required performances include: Winter Concert, Festival of Bands, OMEA Large Group Adjudicated Event, and Spring Concert.

Orchestra
Credit: 1
Grade: 9, 10, 11, 12
Length: 36 weeks, 1 period
Prerequisite: Completion of Junior High string orchestra on violin, viola, cello, bass, or classical guitar, **OR** by director's discretion (proof of private lessons on a stringed instrument and audition).

Educational emphasis is placed on the advancement of instrumental technique and further development of music reading, comprehension skills, and independent/ensemble musicianship. Students will participate in performances and contest opportunities outside of class 3-4 times a year.

Concert Choir
Credit: 1
Grade: 9,10,11,12

Length: 36 weeks, 1 period

This ensemble is by audition only. Concert Choir is an advanced ensemble focusing on vocal technique, reading music, musicianship, and performance skills. Performance in all four school choir concerts and OMEA Large Group Contest is a requirement.

Soprano/Alto Choir
Credit: 1
Grade: 9
Length: 36 weeks, 1 period

This ensemble is open to any soprano/alto singers. This course will cover vocal technique, reading music, musicianship, and performance skills. Performance in all four school choir concerts each year is a requirement.

Treble Choir
Credit: 1
Grade: 9,10,11,12
Length: 36 weeks, 1 period

This ensemble is by audition or director recommendation only. Women's Choir is an upper level ensemble focusing on improved vocal technique, reading music, musicianship, and performance skills. Performance in all four school choir concerts is a requirement. This ensemble may also participate in OMEA Large Group Contest.

Tenor/Bass Choir
Credit: 1
Grade: 9,10,11,12
Length: 36 weeks, 1 period

This ensemble is open to any tenor/bass singers. This course will cover vocal technique, reading music, musicianship, and performance skills. Performance in all four school choir concerts is a requirement.

Music Exploration
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

This course covers all aspects of music. Students will have the opportunity to review aspects of music history as well as music found in current pop culture. This course is designed to push your knowledge and understanding of the music that surrounds us in our daily lives. No music experience is necessary.

AP Music Theory
Credit: 1 (weight 1.0)
Grades: 10,11,12
Length: 36 weeks, 1 period

The AP Music Theory course corresponds to a typical introductory college music theory course. Students will be introduced to the fundamentals of music theory and composition and will learn how these elements are used in music. The emphasis of this course will be on the rules of music theory and composition, ear training,

sight singing, dictation, theoretical analysis, and basic keyboard skills. This course is designed both for students who desire to prepare for music as a career as well as those who desire it for personal enrichment. Students should be able to read and write basic music notation. It is **strongly recommended** that students have a background in either instrumental or vocal music. Approval from instructor is required. **AP examination is required to receive course credit (approximately $85.00).**

Health and Physical Education

Prior to the end of sophomore year, all students should satisfactorily complete ½ credit of health and physical education to meet graduation requirements. Two seasons of participation in a sport, band, or cheerleading will fulfill the requirement for physical education. All PE courses may be taken more than once, but only a total of one P.E. credit will count toward the credits required for graduation. Activities will be individually adapted for students with handicaps or injuries.

Health
Credit: 0.5
Grades: 9
Length: 18 weeks, 1 period

This course is designed to help students accept responsibility for their own lifestyles and personal decisions. Areas covered will include: health wellness, nutrition, exercise, STDs, AIDS education, other diseases, emotional health, substance abuse, human sexuality, and other teen issues.

Physical Education
Credit: 0.5
Grades: 9,10,11,12,
Length: 18 weeks, 1 period

This class will concentrate on improving the cardiovascular and muscular systems of all participants. The class will consist of weight training, walking, rope skipping, and other aerobic activities along with group games, competitions and fitness testing.

Introduction to Weight Training
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

This course is designed to introduce students to weight training (also known as strength training or resistance training). Various exercises will be taught throughout the semester. Strength training has many benefits, some of those benefits include increased muscle mass, stronger bones, increased joint flexibility, weight control, and enhancement of overall quality of life. This class will expand beyond dumbbells and free weights; resistance bands, medicine balls, plyo-balls and kettlebells will be incorporated into daily workouts. Students will also be instructed on safety and techniques throughout the semester.

Sports Performance
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

This course is designed for student athletes interested in developing sport specific skills and training for physical fitness. Students will participate in a comprehensive weight training program along with classroom lessons on leadership skills as it relates to sports performance. **Students will be selected for this course based on recommendations from their coach.**

Strength and Conditioning
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

The class will consist of personalized strength and conditioning training for each individual student. Developing the athletic components of strength, explosiveness, and endurance along with cardio strength (both pulmonary and respiratory) will be the emphasis.

Walking for Fitness
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

The purpose of fitness walking is to increase heart rate and introduce an independent lifelong activity. Fitness walking is non-competitive in nature and does not require great athletic skill. Walking reduces impact on joints, reduces stress, increases cardiorespiratory stamina, and prevents injuries. Vigorous walks for distance and walking for time are how fitness walking reaches the same physiological benefits of running. To see weight loss, walkers will have to maintain their target heart at least 4 days a week for 30-40 minute durations. Along with walking, students will also be introduced to various weight training exercises that will focus on muscular endurance. Weight training will be done twice per week.

World Languages

French 1
Credit: 1
Grades: 9,10,11,12
Length: 36 weeks, 1 period

A basic-level program with an emphasis on communication in French, both oral and written. Students should develop practical speaking and listening skills, as well as the skills necessary to read simple phrases and write complete sentences. Students will acquire a sensitive appreciation of the French-speaking world and gain insight into different French cultures. Students will be responsible for practicing the language outside of the classroom setting.

French 2
Credit: 1
Grades: 9,10,11,12
Length: 36 weeks, 1 period
Prerequisite: French 1 (Recommend Grade of C or better)

A continuation of the French 1 program, with emphasis on using more complex sentences orally and in writing. Students continue to develop their reading and writing skills while expanding their oral communication skills. This course takes a more in-depth approach than French 1, incorporating different verb tenses and their uses, more complex grammar structures of the language, and more specialized vocabulary. The study of various French-speaking countries and cultures is continued and expanded. Students will be responsible for practicing the language outside of the classroom setting.

Advanced French 3
Credit: 1 (weight .50)
Grades: 10,11,12
Length: 36 weeks
Prerequisite: French 2

Advanced French 3 will incorporate all the previous knowledge of grammar and vocabulary, while adding new, advanced structures. Class will be conducted mostly in French. Students will be expected to use French for conversation and writing, at a level higher than in French 2. The study of French-speaking countries will focus on literature, art, history and current issues. Students will be responsible for practicing the language outside of the classroom setting.

Advanced French 4
Credit: 1 (weight 0.50)
Grades: 11, 12
Length: 36 weeks
Prerequisite: French 3

The primary objective of this course is to increase the students' proficiency level in the target language from novice-mid to novice-high. Students will be introduced to more complex forms of French grammar and vocabulary. An emphasis will be on the cultural aspects of the French-speaking world. Students will be responsible for practicing the language outside of the classroom setting.

Spanish 1
Credit: 1
Grades: 9,10,11,12
Length: 36 weeks, 1 period

A basic level program with the emphasis on communication in Spanish, both oral and written. Students will develop practical skills and listening skills. Reading and writing will also be introduced with simple structure. The culture of Spanish speaking countries will be introduced as well to foster an appreciation and insight into the Spanish speaking world. Students will be responsible for practicing the language outside of the classroom setting.

Spanish 2
Credit: 1
Grades: 9,10,11,12
Length: 36 weeks, 1 period
Prerequisite: Spanish 1 (Recommend Grade of C or better)

Spanish 2 is a continuation of increasing students' abilities to read, write, speak and listen in the target language. This second level course takes a more in-depth approach than Spanish 1, incorporating different verb tenses and their uses, more complex grammar structures of the language, and more specialized vocabulary. Students will be responsible for practicing the language outside of the classroom setting.

Advanced Spanish 3
Credit: 1 (weight .50)
Grades: 10,11,12
Length: 36 weeks, 1 period
Prerequisite: Spanish 2 (Recommend Grade of B or better)

Advanced Spanish 3 will incorporate previous Spanish grammar while learning new advanced structures. Classes will be conducted in Spanish the majority of the time. Students will be expected to speak and converse in a natural setting. Students will also be expected to write essays such as reactionary papers or summaries.

LCCC SPNH 251G **Comet College**
Intermediate Spanish - CCP
Credit: 1 (3 LCCC credit hours) (weight 1)
Grades:11,12
Length: 9 weeks, 1 period
Prerequisite: Advanced Spanish 3

This course is aligned with the third semester of college Spanish. It reviews the fundamental structures and introduces more complex grammatical structures and communicative skills with a balanced emphasis on speaking, listening, reading and writing. There is exploration of the civilization, culture, and customs of Spanish-speaking people. Conducted in Spanish.

LCCC SPNH 252G **Comet College**

Intermediate Spanish - CCP

Credit: 1 (3 LCCC credit hours) (weight 1)
Grades: 11,12
Length: 9 weeks, 1 period
Prerequisite: LCCC SPNH 251G

Continuation of Intermediate Spanish I. Class discussion conducted in Spanish. Further refinement of the four language skills, comprehension, speaking, reading and writing. Introduction to a variety of topics related to Hispanic culture. Recommended for students planning to enroll in Language and Culture of Spain, and Language and Culture of Latin America.

LCCC SPNH 257G **Comet College**

Spanish Composition- CCP

Credit: 1 (3 LCCC credit hours) (weight 1)
Grade: 12
Length: 9 weeks, 1 period
Prerequisite: LCCC SPNH 252G

A course in Spanish composition with the focus on the mastery of syntax and spelling, and the improvement of writing skills through the study of various rhetorical modes and writing for special purposes. Conducted in Spanish.

LCCC SPNH 258G **Comet College**

Spanish Conversation - CCP

Credit: 1 (3 LCCC credit hours) (weight 1)
Grade: 12
Length: 9 weeks, 1 period
Prerequisite: LCCC SPNH 257G

Development of speaking and listening skills and strategies, working from intermediate toward an advanced level of proficiency. Emphasis on vocabulary acquisition and usage. Conducted in Spanish.

American Sign Language I, II, III, and IV

Credit: 1 (One Credit for Each Course)
Grades: 9,10,11,12
Length: 36 weeks, 1 period, two-year commitment

Steele High School is partnering with the Ohio School of the Deaf (OSD) to pilot an American Sign Language (ASL). The Ohio School of the Deaf provides a program that focuses on teaching ASL for world language credit to high school students across the state of Ohio. It is an online, hybrid program with more than half of the work completed independently. Students meet with an online instructor for 30 minutes, two days a week over a Zoom platform and work independently at school the other three days. This pilot course is a two- year commitment and will be capped at eight students and an application is required. See your school counselor for more details.

English/ Language Arts

Each student is required to complete four credits of English/ Language Arts for graduation. The following chart illustrates the suggested sequence of courses, depending on where students begin in grade 9 based on grade 8 coursework.

Suggested Sequence of Courses

	9th Grade	10th Grade	11th Grade	12th Grade
Traditional	English 9	English 10	English 11	English 12 or CCP ENGL 161/ CCP ENGL 162 or CCP ENGL 255/ CCP ENGL 257
Honors	Honors English 9	Honors English 10	AP Eng. 11 Language and Composition or CCP ENGL 161/ CCP ENGL 162	AP Eng. 12 Literature and Composition or CCP ENGL 161/ CCP ENGL 161 or CCP ENGL 255/ CCP ENGL 257

English/ Language Arts Course Descriptions

English 9
Credit: 1
Length: 36 weeks, 1 period

This course continues the study of literature, composition, grammar, and vocabulary. Correct usage in both speaking and writing will be emphasized. Literature will include short stories, drama, and novels. The development of a thesis with supporting details will be taught. Students may be required to purchase additional reading materials.

Honors English 9
Credit: 1 (weight 1.0)
Length: 36 weeks, 1 period
Prerequisite: Attainment of a B or better in Honors English 8, or an A or better in Advanced English 8.

Students who enroll in Honors English 9 should possess a solid command of grammar and sentence structure, as well as an elevated vocabulary. Previous work in English classes must illustrate an aptitude in reading many genres, both for personal interest and for literary study. Therefore, they possess strong literal and inferential skills as well as the ability to convey their ideas in formal essays. Students will complete assignments in which they exemplify comprehension and analysis of world literature, including plays, poetry, novels, as well as various forms of nonfiction. Students may be required to purchase additional reading materials.

English 10
Credit: 1
Length: 36 weeks, 1 period

This course continues the study of grammar, composition, vocabulary, and focuses on the various forms of American literature. Students will continue to write Informative and Argumentative essays in preparation for the ELA II state test. Students may be required to purchase additional reading materials.

Honors English 10
Credit: 1 (weight 1.0)
Length: 36 weeks, 1 period
Prerequisite: Teacher recommendation

This academically rigorous course, taught chronologically, emphasizes critical thinking and interpretive skills through essay and oral work. Students will read and write critically, with a focus on analysis and synthesis. Selections reflect major literary movements and important authors in the American literary canon. This class prepares students for AP Language and Composition and AP Literature and Composition.

English 11
Credit: 1
Length: 36 weeks, 1 period

English 11 is an introduction to fundamental skills in academic reading and writing. Critical thinking and collaborative learning will be emphasized. Strategies of argumentation and secondary research will also be taught. Works of fiction and non-fiction that focus on government and rhetoric will be read and discussed.

English 12
Credit: 1
Length: 36 weeks, 1 period

This course continues to build on critical reading, writing, and thinking skills developed in previous English courses to provide the necessary skills for success in college and life. Students will read a variety of works related to British and World non-fiction and literature including short stories, novels, drama, and poetry. Students will continue to expand their composition skills with explanatory, narrative, persuasive, and research writing. Successful completion of a research paper is required for this course. Students may be required to purchase additional reading materials.

LCCC ENGL 161 & LCCC ENGL 162 **COMET COLLEGE**
College Composition I & II - CCP
Credit: 2 (6 LCCC credits) (weight 1.0)
Length: 36 weeks, 1 period
Prerequisite: Satisfactory placement assessment score.

An introduction to fundamental college-level skills in academic reading and writing. Summary, analysis, synthesis, argumentation, and research are emphasized, along with critical thinking and collaborative learning. LCCC ENGL 162 is a writing course continuing the practice of skills introduced in ENGL 161, as well as strategies of argumentation and secondary research leading to a research paper. Students may have to purchase additional reading materials.

LCCC ENGL 255 & LCCC ENGL 257 **COMET COLLEGE**

Introduction to Fiction and Introduction to Poetry - CCP

Credit: 2 (6 LCCC credit hours) (weight 1.0)
Length: 36 weeks, 1 period
Prerequisite: ENGL 161

Intended for the college-bound student, this combined course incorporates a study of short stories and novels to acquaint the general student with important themes and critical perspectives applicable to fiction, as well as a critical study of selected poetry designed to clarify the nature and significance of Western dramatic literature. Students may have to purchase additional reading materials.

AP English 11 Language & Composition

Credit: 1 (weight 1.0)
Length: 36 weeks, 1 period

The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Preliminary reading of literature is required. This course will follow the AP College Board guidelines. Students must purchase additional reading materials. **AP examination is required to receive course credit (approximately $85.00).**

AP English 12 Literature & Composition

Credit: 1 (weight 1.0)
Length: 36 weeks, 1 period

Through the close reading of selected European literature texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Writing assignments focus on critical analysis of literature and include argumentation and research; as well as some creative writing assignments. The goal of both types of writing assignments is to increase students' ability to explain clearly, cogently, even stylistically, what they understand about literary works and why they interpret them as they do. Preliminary reading of literature is required. **AP English Literature and Composition will follow the AP College Board guidelines. AP examination is required to receive course credit (approximately $85.00).**

English Department Electives

Books in the Movies

Credit: 0.5
Grades: 9, 10,11,12
Length: 18 weeks, 1 period

This course will be a close examination of the differences and similarities in storytelling through written and visual media. As a class, students will read and analyze different written stories (novels, short stories, biographies, autobiographies, essays, and articles) and closely view the movie counterpart of these stories. Students will also read scholarly articles and interviews discussing the differences between written and visual media. Fee required.

Drama

Credit: 0.5 (counts toward a Fine Arts credit)
Grades: 9,10,11,12
Length: 18 weeks, 1 period

Drama meets the fine arts requirement for graduation. It is a course designed to introduce students to the various elements of the theatre and to encourage students in further participation. Students will examine and study beginning acting techniques and theatre appreciation. Students will also learn the basic approach to working comfortably on the stage, through warm-ups, monologues, scene work, and improvisation. Basic techniques of movement, voice and diction, character development, and performance will be taught. Students will end the semester with the production of a children's play. Students will be required to view and analyze one theatrical production during the semester. This course is hands-on and requires students to speak and perform often in front of the classroom.

Oral Communication

Credit: 0.5 (counts toward a Fine Arts credit)
Grades: 9,10,11,12
Length: 18 weeks, 1 period

Oral communications meets the fine arts requirement for graduation. The course is designed to develop each student's ability to communicate effectively in his or her academic, business, and social life. Course topics include the foundations of communication (perception, language, nonverbal communication), interpersonal communication, small group communication, public speaking, interviewing, and oral interpretation. The course emphasizes preparing, selecting, organizing, and delivering oral and written messages, as well as analyzing and evaluating the speaking - listening process. Students will study communication skills, understand the communication choices they can make, and evaluate the consequences of those choices. This course is hands-on and requires students to speak often in front of the classroom.

Storytelling Through Film
Credit: 0.5 (counts toward a Fine Arts credit)
Grades: 9, 10, 11, 12
Length: 18 weeks, 1 period

This course will be a close examination of storytelling through film and audio media. Movies and audio media provide excellent short, easily digestible stories to analyze for craft and structure. This course will focus on three foundational elements of storytelling: plot, character, and world-building. Additionally, the course will focus on elements of film and audio, like lighting, framing, colors, casting, and foley production (sound effects). Through analyzing films and audio media, students will learn to identify the hallmarks of good storytelling and build their understanding of how to craft excellent stories. This course will be a semester long.

Mathematics

Each student is required to complete four credits of Mathematics for graduation. The following chart illustrates the suggested sequence of courses, depending on where students begin in grade 9 based on grade 8 coursework.

Suggested Sequence of Courses

	9th Grade	10th Grade	11th Grade	12th Grade
Traditional	Algebra 1	Geometry	Algebra 2 or Mathematical Modeling and Reasoning	Senior Math or Mathematical Modeling and Reasoning or Statistics or Precalculus or College Credit Plus Offerings
Honors	Honors Geometry or Honors Algebra 2	Honors Geometry or Honors Algebra 2 or Precalculus or College Credit Plus Offerings	Calculus 1 or AP Calculus AB or College Credit Plus Offerings	AP Calculus AB or College Credit Plus Offerings

Mathematics Course Descriptions

Algebra 1
Credit: 1
Length: 36 weeks, 1 period

Algebra 1 is a study of the Algebra 1 Ohio Content Standards. The course will focus on these standards and prepare the student for Geometry. Emphasis will be placed on solving equations, graphing linear equations and quadratics, and the simplification of expressions.

Geometry
Credit: 1
Length: 36 weeks, 1 period
Prerequisite: Algebra 1

Geometry is a study of the Geometry Ohio Content Standards. The course will focus on these standards and prepare the student for Algebra 2. The focus will be placed on properties of lines, and similar triangles, quadrilaterals, circles, and solid figures.

Honors Geometry
Credit: 1 (weighted 1.0)
Length: 36 weeks, 1 period
Prerequisite: Recommendation of Algebra 1 teacher

Honors Geometry is a rigorous study of the Geometry Ohio Content Standards. The focus will be placed on properties of lines, congruent and similar triangles, quadrilaterals, circles, and solid figures. All Geometry and a few additional concepts will be covered at an *accelerated pace* and *more in-depth*.

Algebra 2
Credit: 1
Length: 36 weeks, 1 period
Prerequisite: Geometry, Algebra 1

Algebra 2 is a study of the Algebra 2 Ohio Content Standards. The focus will be on linear, quadratic, exponential, logarithmic, and rational functions and their graphs. The emphasis will be improving students abilities to provide algebraic solutions to difficult problems. A graphing calculator is required for this course.

Honors Algebra 2
Credit: 1 (weighted 1.0)
Length: 36 weeks, 1 period
Prerequisite: Advanced Geometry and recommendation of Geometry teacher

Honors Algebra 2 is a *rigorous* study of the Algebra 2 Ohio Content Standards. The focus will be on a linear, quadratic, exponential, logarithmic, and rational functions and their graphs. All Algebra 2 and a few additional concepts will be covered at *an accelerated pace and more in-depth.* A graphing calculator is required for this course.

Mathematics Modeling and Reasoning
Credit: 1
Length: 36 weeks, 1 period
Prerequisite: Geometry

This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. It is a yearlong course taught using student-centered pedagogy.

Senior Math
Credit: 1
Length: 36 weeks, 1 period
Prerequisite: Algebra 2 and recommendation of Algebra 2 teacher

This course is intended for the student needing algebra refresher and consumer math skills. The topics studies are basic math skills, linear equations, absolute value, exponents, functions, using formulas, budgeting, understanding credit, taxes, independent living expenses, insurance and investments.

Statistics
Credit: 1
Length: 36 weeks, 1 period
Prerequisite: Algebra 2 and recommendation of Algebra 2 teacher

This course provides an introduction to statistical thinking and statistical methods. The topics discussed in the course include: data collection, data description, basic probability, sampling distributions. Confidence intervals and hypothesis tests. An emphasis is placed on using technology to solve problems. For the student who has passed Algebra 2 and is looking for nontraditional math class.

Precalculus
Credit: 1
Length: 36 weeks, 1 period
Prerequisite: Algebra 2 and recommendation of Algebra 2 teacher

Precalculus is a study of third year algebra concepts necessary to prepare students for a Calculus course including advanced functions, matrices, and trigonometry. A graphing calculator is *required* for this course.

Calculus
Credit: 1 (weighted 1.0)
Length: 36 weeks, 1 period
Prerequisite: Precalculus

Calculus is a study of Differential Calculus which is the branch of mathematics that deals with motion and continuously changing quantities. Concepts will be approached numerically, graphically, and algebraically. A graphing calculator *is required* for this course.

AP Calculus AB
Credit: 1 (weight 1.0)
Length: 36 weeks, 1 period
Prerequisite: Precalculus. Calculus is NOT expected or required as a prerequisite.

Calculus topics covered will be functions and limits, differentiation, and integration. The successful student will be one who is highly motivated and has been very successful in earlier mathematics courses. Students looking for advanced work in preparation for a STEM major such as engineering would be well-advised to consider this course. Fee required. **AP examination is required to receive course credit (approximately $85.00).**

Calculus II
Credit: 1 (weight 1.0)
Length: 36 weeks, 1 period
Prerequisite: Calculus 1 or AP Calculus

Calculus II continues the study of calculus of algebraic and transcendental functions including rectangular, polar, and parametric graphing, indefinite and definite integrals, methods of integration, and power series along with applications. The general purpose of this second course is to prepare students for further study in calculus with analytic geometry as well as topics such as linear algebra and differential equations so that they meet the necessary competencies in integration, algebraic and transcendental functions, graphing, power series and their applications.

LCCC MTHM 168 **COMET COLLEGE**
Statistics - CCP
Credit: 1 (3 LCCC credits) (weight 1.0)
Length: 18 weeks, 1 period
Prerequisite: Satisfactory placement assessment score.

This course provides a non-calculus based introduction to statistical thinking and statistical methods. The topics discussed in the course include: data collection, data description, basic probability, sampling distributions, probability distributions, confidence intervals and hypothesis tests. An emphasis is placed on using technology to solve problems involving real data and hands-on projects are used throughout the course.

LCCC MTHM 171 **COMET COLLEGE**
College Algebra - CCP
Credit: 1 (4 LCCC credits) (weight 1.0)
Length: 18 weeks, 1 period
Prerequisite: Satisfactory placement assessment score.

Study of algebraic functions, equations, systems of equations, inequalities, matrices, partial fractions, exponential and logarithmic functions. Designed primarily for the calculus-bound student. A graphing calculator is required.

LCCC MTHM 174 **COMET COLLEGE**
Trigonometry - CCP
Credit: 1 (3 LCCC credits) (weight 1.0)
Length: 18 weeks, 1 period
Prerequisite: Satisfactory placement assessment score.

For the calculus-bound student. A study of angles; trigonometric functions and their graphs; trigonometric identities; trigonometric equations and inequalities; trigonometric models; right and oblique triangles; polar equations and graphs; and vectors. Mathematics Core Course.

Science

Each student is required to complete three credits of Science for graduation. The following chart illustrates the suggested sequence of courses, depending on where students begin in grade 9 based on grade 8 coursework.

Suggested Sequence of Courses

	Class of 2027		Class of 2026		Class of 2025		Class of 2024	
	Traditional	Honors	Traditional	Honors	Traditional	Honors	Traditional	Honors
9th Grade	Physical Science	Honors Biology <u>and</u> Honors Chemistry (if doubling)	Physical Science	Honors Physical Science	Physical Science	Advanced Physical Science	Physical Science	Advanced Physical Science
10th Grade	Biology	Honors Chemistry or AP Biology and/or AP Chemistry and/or AP Physics	Biology	Honors Biology <u>and</u> Honors Chemistry (if doubling)	Biology	Honors Biology <u>and</u> Honors Chemistry (if doubling)	Biology	Advanced Chemistry **<u>and</u>** Advanced Biology
11th Grade	Chemistry or Dept. Electives* or CCP BIOG 151/ 165	AP Biology and/or AP Chemistry and/or AP Physics	Chemistry or Dept. Electives* or CCP BIOG 151/ 165	Honors Chemistry or AP Biology and/or AP Chemistry and/or AP Physics	Chemistry or Dept. Electives* or CCP BIOG 151/ 165	Honors Chemistry or AP Biology and/or AP Chemistry and/or AP Physics	Chemistry or Dept. Electives* or CCP BIOG 151/ 165	AP Biology and/or AP Chemistry and/or AP Physics
12th Grade	Dept. Electives* or CCP BIOG 151/ 165	AP Biology and/or AP Chemistry and/or AP Physics	Dept. Electives* or CCP BIOG 151/ 165	AP Biology and/or AP Chemistry and/or AP Physics	Dept. Electives* or CCP BIOG 151/ 165	AP Biology and/or AP Chemistry and/or AP Physics	Dept. Electives* or CCP BIOG 151/ 165	AP Biology and/or AP Chemistry and/or AP Physics

*Astronomy, Biomimicry, Earth and Environment, Forensic Science, Physics, and Practical Science

Science Course Descriptions

Physical Science
Credit: 1
Grade: 9
Length: 36 weeks, 1 period

Physical Science is a course that focuses on the basic principles of chemistry and physics and their application to daily life. It provides the foundation for the study of more advanced topics. Labs are included to provide the opportunity for students to perform practical studies. Topics include the classification of matter, atoms, bonding & compounds, periodic trends of the elements, reactions of matter, conservation of energy, transfer/transformation of energy, waves, thermal energy, electricity, motion, forces, and dynamics. Fee required.

Honors Physical Science
Credit: 1
Grade: 9
Length: 36 weeks, 1 period

Honors Physical Science is an intensive course designed to immerse students in chemistry and physics/mathematics, with a particular focus on hands-on laboratory experiences. This course is tailored for students seeking a deep understanding of scientific principles (classification of matter, atoms, periodic trends, motion, forces, waves, Newton's Laws, dynamics) through extensive experimentation and inquiry.

Biology
Credit: 1
Grades: 10,11,12
Length: 36 weeks, 1 period
Prerequisite: Physical Science

This class is an interactive lab-oriented class that encourages and fosters critical thinking skills and problem solving. The focus of the class is on cells, heredity, evolution, diversity and interdependence of life. Fee Required.

Honors Biology
Credit: 1 (weight 1.0)
Grades: 9, 10,11,12
Length: 36 weeks, 1 period
Prerequisite: Physical Science

Topics include cells, heredity, evolution, diversity and interdependence of life. Lab is an important part of Honors Biology 1. Fee Required.

Chemistry
Credit: 1
Grades: 10,11,12
Length: 36 weeks, 1 period
Prerequisite: Physical Science, Algebra 1 (C or higher recommended)

Topics include atomic structure, periodic table, intermolecular chemical bonding, representing compounds, and quantifying matter, phases of matter, chemical reactions, gas laws, stoichiometry, and nuclear reactions. Lab is an important part of Chemistry. Fee required.

Honors Chemistry
Credit: 1 (weight 1.0)
Grades: 10,11,12
Length: 36 weeks, 1 period
Prerequisite: Algebra 1 (C or higher recommended)

Students will study atomic structure, periodic table, intermolecular chemical bonding, representing compounds, quantifying matter, phases of matter, intermolecular chemical bonding, chemical reactions, gas laws, stoichiometry, and nuclear reactions. For students considering entering the medical field, engineering, chemistry or other science careers we will also study gas laws, chemical bonding, chemical energies, thermal chemistry, stoichiometry, solutions chemistry. Fee required.

Marine Biology
Credit: 1 (weight 1.0)
Grades: 10,11,12
Length: 36 weeks, 1 period

This course will introduce students to the marine environment and its indigenous organisms, help students develop an understanding of man's effect on the marine environment, and develop an awareness of the career possibilities available in this area. Students will study the principles, concepts, and facts through which the student can better understand and appreciate the nature of the sea and its inhabitants.

AP Biology
Credit: 1 (weight 1.0)
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Advanced Chemistry and Advanced Biology; Chemistry and Biology

There are four Big ideas investigated throughout the year which focus on evolution, homeostasis, genetics, and ecology. This is a student -centered class where student groups will work collaboratively to build models, complete projects and perform labs in order to ensure an enduring understanding of essential knowledge and science practices. There is a large laboratory component making up more than 25% of the course. Labs are inquiry-based and students are required to design and execute their experiments. This course is taught with the same rigor and high standards of a college level biology course. Fee required. **AP examination is required to receive course credit. Approximately $85.00 AP test fee.**

AP Chemistry
Credit: 1 (weight 1.0)
Grades: 11,12
Length: 36 weeks, 1 period

Students entering the medical fields, engineering, chemistry or other science careers should take AP Chemistry. Topics include acids and bases, titrations, redox reactions, spontaneity and electrochemistry, nuclear chemistry, organic chemistry, equilibrium, rate laws, and introduction to acid/base chemistry. Fee Required. **AP examination is required to receive course credit. Approximately $85.00 AP test fee.**

Physics
Credit: 1
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Algebra 2

By conducting investigative labs, students will learn scientific techniques as well as fundamental principles of physics in motion, Newton's Laws, momentum & impulse, projectiles, rotational motion, energy, electricity and magnetism, and optics. Class is active with no lecture. Ideas are developed through lab work and practice problems and then deployed in various situations that include practical labs and problem solving. *Students who intend to go on to work in engineering, science, and medicine should seriously consider the course.* Fee required.

AP Physics 1
Credit: 1 (weight 1.0)
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Algebra 2

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, and conservation. Fee required. **AP examination is required to receive course credit. Approximately $85.00 AP test fee.**

LCCC BIOG 151
General Biology - CCP **COMET COLLEGE**
Credit: 1 (4 LCCC credits) (weight 1.0)
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Biology and satisfactory placement assessment score.

An introductory biology course designed for non-science majors. Topics include basic chemistry and cell biology, evolution, genetics, ecology and a survey of the kingdoms. Laboratory required.

LCCC BIOG 165
Introduction to Ecology - CCP **COMET COLLEGE**
Credit: 1 (3 LCCC credits) (weight 1.0)
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Biology and satisfactory placement assessment score.

Introductory course provides a survey of environmental issues and highlights interactions between human beings and the ecosystem. Course also addresses the economic, social and environmental dimensions of sustainable development. Course may include a Service Learning component.

Science Department Electives

Astronomy
Credit: 1
Grades: 11,12
Length: 36 weeks, 1 period

This course will focus on the history of astronomy, the earth, moon, sun and other objects in our solar system. The interactions between the sun/earth/moon system, planetary processes, galaxy formation and the origins of the universe are all examined. An emphasis will be placed on recent astronomical discoveries. Finally, observational astronomy will also be covered.

Biomimicry
Credit: 1
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Biology

Biomimicry is the practice of looking to nature for strategies to solve human challenges. In this course, we will begin to explore the complexities of our natural systems and how we, as designers, may be able to mimic ecological principles and processes in our designs. Students will learn how engineers often imitate nature in the design of innovative new products. Demonstration of knowledge will take place by brainstorming and designing a new product based on what is known about nature. Fee required.

Earth and the Environment
Credit: 1
Grades: 11,12
Length: 36 weeks, 1 period

This class integrates aspects of Geology, Ecology, and Environmental Science to form a better understanding of the environment in which we live. Understanding environmental issues is essential to sustaining our quality of life on Earth. Topics will include geologic principles such as plate tectonics, earthquakes, volcanoes, mountain building, various geologic environments, natural cycles of our planet, ecology, biodiversity, comparative anatomy, environmental health and human impact on the environment such as pollution and global warming. Fee required.

Forensic Science
Credit: 1
Grades: 11,12
Length: 36 weeks, 1 period
Prerequisite: Biology

Forensic Science is the application of science to criminal and civil laws that are enforced by police agencies in a criminal justice system. It is a comprehensive subject incorporating biology, chemistry, physics, entomology, earth science, anatomy and physiology as well as other aspects of science. Major topics include processing a crime scene, collecting and preserving evidence, identifying types of physical evidence, organic and inorganic analysis of evidence, hair, fibers, and paint, toxicology, arson, serology, DNA, fingerprints, firearms, and document analysis. This course combines basic theory and real laboratory experiments. Students will be asked to read, research, hypothesize, interview, compute and use deductive reasoning to propose crime solutions. Students will record data, draw conclusions, and formulate the best method for communicating results. Fee required.

Social Studies

Each student is required to complete three credits of Social Studies for graduation. The following chart illustrates the suggested sequence of courses, depending on where students begin in grade 9 based on grade 8 coursework.

Suggested Sequence of Courses

	9th Grade	10th Grade	11th Grade	12th Grade
Traditional	Contemporary World History	American History or Advanced American History	Government/ Economics or Adv. Government/ Economics	Department Electives or College Credit Plus Offerings
Honors	Honors Contemporary World History	AP U.S. History	AP Government and Politics	AP Human Geography or College Credit Plus Offerings

Social Studies Course Descriptions

Contemporary World History
Credit: 1
Grade: 9
Length: 36 weeks, 1 period

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 the 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 continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Honors Contemporary World History
Credit: 1 (weight 1.0)
Grade: 9
Length: 36 weeks, 1 period

This course examines World History from the Italian Renaissance through the present day. Students will be expected to complete preparatory reading as well as actively participate in class discussion and debates. The course will emphasize the writing of Document-Based Question essays to create historical arguments using primary sources.

American History
Credit: 1
Grade: 10
Length: 36 weeks, 1 period

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's is the purpose of this course. 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.

Advanced American History
Credit: 1 (weight 0.5)
Grade: 10
Length: 36 weeks, 1 period
Prerequisite: B average in Honors World History

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow.
This course will cover in depth the U.S. Colonies during the Enlightenment Period through the States and Reconstruction. Westward expansion, Industrialization and the Progressive Era will be studied. This course will also view the U.S. 's global expansion impact after both Spanish American & World War I. The course features Post-war tensions pertaining to native attitudes and immigration and traditional vs. modern viewpoints. The course delves into the Great Depression issues and the New Deal remedies. Also, the course looks at the origins of World War II and the aftereffects during the Cold War. The students will learn about JFK's Camelot, Johnson's Great Society, the Civil Rights Movement, Vietnam, Counterculture and the 1970s 'Me' Decade. The course concludes into the Reagan Years of the 1980s, the end of the Cold War and finishes investigating the event on September 11, 2001. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. 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.

LCCC HSTR 161 **COMET COLLEGE**
United States I- CCP
Credit: 1 (3 LCCC credits) (weight 1.0)
Grade: 11, 12
Length: 36 weeks, 1 period
Prerequisite: Satisfactory placement assessment score.

A study of the origin and growth of American civilization from the discovery of the Western Hemisphere to the end of the Reconstruction. Social Sciences Core Courses.

AP U.S. History (APUSH)
Credit: 1 (weight 1.0)
Grade: 10
Length: 36 weeks, 1 period
Prerequisite: B+ average in Advanced Contemporary World History

The Advanced Placement US History course introduces students to the study of history and examines the development and growth of the United States from the Colonial period up to the present. The course content complements the literature in Honors 10 English. This course is rigorously designed to help students understand U.S. History in the traditional context, as well as putting focus on other areas of history such as race, gender and intellectual history. The course will emphasize reading both secondary and primary sources on a wide range of topics and expect students to write extensive analytical responses to class material. It is recommended that prospective students should have at least a B+ average in Advanced Social Studies 9 and Advanced English 9 or a recommendation from their freshman teachers in both subjects. **AP Examination is required to receive course credit (approximately $85.00).**

Government/Economics
Credit: 1
Grade: 11
Length: 36 weeks, 1 period

Government examines constitutional issues derived from a historical perspective as they apply to current issues. The skills developed are those that prepare students for active and effective participation in civic life. Economics examines components of different economic systems using contemporary systems as a guide for understanding.

Advanced Government/Economics
Credit: 1 (weight 0.5)
Grade: 11
Length: 36 weeks, 1 period
Prerequisite: B average in Advanced American History

Government examines the basic principles of the U.S. Constitution as a primary document, constitutional issues derived from a historical perspective as they apply to current issues, the structure and functions of the federal, and Ohio's state and local governments, as well the role of people. Government also examines national and international affairs. Thinking and writing skills will be developed through an emphasis on current and historical political issues, while debate and writing are emphasized. Economics examines components of different economic systems using contemporary systems as a guide for understanding, fiscal and monetary policies and economic regulations and alternatives, global issues and events that influence activities, and economic and financial literacy for individuals and nations. Economics also examines saving, investing, employment, money-management, and credit & debt.

AP Government and Politics
Credit: 1 (weight 1.0)
Grades: 11,12
Length: 36 weeks, 1 period

AP Government and Politics is designed as an equivalent to one-semester introductory college American Government course. Students study general concepts used to interpret U.S. government and politics and analyze specific topics, including: Constitutional Underpinnings, Political Beliefs and Behaviors, Political Parties, Interest Groups, Mass Media, Institutions of National Government, Public Policy, Civil Rights, and Civil Liberties. An integral part of the course includes analysis and interpretation of basic data relevant to U.S. government and politics, and the development of connections and application of relevant theories and concepts. **AP examination is required to receive course credit (approximately $85.00).**

AP Human Geography
Credit: 1 (weight 1.0)
Grade: 11, 12
Length: 36 weeks, 1 period

AP Human Geography will explore how humans have understood, used, and changed the surface of Earth. Students will use the tools and thinking processes of geographers to examine patterns of human population, migration, and land use. Skills learned will include connecting geographic concepts and processes to real-life scenarios, understanding information shown in maps, tables, charts, graphs, infographics, images and landscapes and seeing patterns and trends in data and in visual sources and drawing conclusions from them. **AP examination is required to receive course credit. (approximately $85.00)**

Social Studies Department Electives

Psychology/Sociology
Credit: 1
Grades: 11,12
Length: 36 weeks, 1 period

This elective course is for the highly motivated and college bound Junior and Senior. This course will introduce students to the study of behavior, mental processes (thinking/feeling) along with social (group) interactions. We will be exploring many of the major fields of psychology and sociology. For many students, the study of psych/soc is very different from other subjects they have studied. This course requires students to think abstractly and to learn by applying the questioning both the theories studied and their own experiences. Students should expect significant reading, writing, experiments/activities and projects throughout the course.

20th Century American History through Sports (ON Cycle- Will be offered in 2025-2026)
Credit: 0.5
Grades: 10,11,12
Length: 18 weeks, 1 period

This course examines the place sports hold in American life in the 20th Century and beyond. It is designed to address both the supplemental student's understanding and American History and to examine the role that sports has played in shaping contemporary society. Close attention will be made to the context of sports, as it relates to the economic and social environment. It studies how sports make an impact on society through issues and controversies. This course examines famous athletes' teams and events throughout the decades on the 20th century.

World Geography (ON Cycle- Will be offered in 2025-2026)
Credit: 0.5
Grades: 9,10,11,12
Length: 18 weeks, 1 period

This course builds on students understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to the understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

World Religions ((ON Cycle- Will be offered in 2025-2026)
Credit: 0.5
Grade: 9,10,11,12
Length: 18 weeks, 1 period

An introduction to the major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam. The course explores the historic context, beliefs and practices of each. Includes readings from primary texts.

LCCC HSTR 151 & LCCC HIST 152 **COMET COLLEGE**
Civilizations I & II - CCP
Credit: 2 (6 LCCC credits) (weight 1.0)
Length: 36 weeks, 1 period
Prerequisite: Satisfactory placement assessment score.

The first half of this course will cover the development of the historical, political, economic, cultural, religious and institutional patterns of society from ancient civilizations to 1500. The second half of this course will cover the development of the historical, political, economic, cultural, religious, and institutional patterns of society from 1500 to the present. Research and writing using Chicago manual of Style will be expected. During each half of the class, students will research historical themes as they connect to current events.

20th Century American Pop Culture (OFF-CYCLE- Will be offered for 2026-2027 School Year)
Credit: 0.5
Grades: 10,11,12
Length: 18 weeks, 1 period

The 20th Century American Pop Culture course will explore the major cultural themes of the 20th century. Themes to be explored would include the following: Jim Crow, World War I, Jazz Age, Roaring Twenties, progressivism, Great Depression, World War II, Cold War/ Anti-Communism, Rock and Roll, Civil Rights, Vietnam/Counterculture, Liberation Movements, Watergate, Technology and Black Culture. The course will be divided into nine, two-week units that would utilize films and music to underscore the changes of American culture.