Education is the collaborative responsibility of the staff, students, families, and community at Mount Vernon High School. Our vision of excellence...provide educational options for students that will foster meaningful applications to citizenship, career skills, social interactions and lifelong learning to exist in a constantly evolving society.

**COURSE PLANNING**

The M.V.H.S. curriculum contains many different courses. It is not always an easy task to decide just which courses should be chosen and in what order they should be taken. Students are urged to begin the course planning process early in the school year and to seek the necessary help from counselors, teachers, and parents. Teacher assignments and class sizes are determined from student course registration figures. We cannot guarantee an opening in the course of your choice. It is important to take the time now to plan your schedule. All proposed study programs must be approved by the student's counselor and parents. Certain elective courses may be closed due to low enrollment or limited teacher resources.

The following credits are required for all students graduating from Mount Vernon High School.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Class of 2021 Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
<td>Must earn ½ credit of U.S. Literature &amp; ½ credit of writing.</td>
</tr>
<tr>
<td>Math</td>
<td>4</td>
<td>1 credit Algebra I, Geometry Fundamental or Geometry, and Algebra II or its equivalent, and fourth math.</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
<td>1 credit of Biology, 1 credit of Physical Science, and 1 advanced science credit.</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
<td>U.S. History or KAP American History, World History or AP European History, American Government &amp; Economics or AP Comparative Government.</td>
</tr>
<tr>
<td>Health</td>
<td>½</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>½</td>
<td>2 Semesters or PE waiver</td>
</tr>
<tr>
<td>Business Technology</td>
<td>½</td>
<td>½ Credit Computer Applications</td>
</tr>
<tr>
<td>Fine or Performing Art</td>
<td>1</td>
<td>1 Credit of Fine or Performing Art * at least 2 semesters anytime grades 7 – 12</td>
</tr>
<tr>
<td>Electives</td>
<td>3 ½ or 4</td>
<td>If utilizing PE waiver</td>
</tr>
<tr>
<td>Total Credits Required</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>
EXPLANATION OF SPECIFIC REQUIREMENTS FOR GRADUATION CLASS 2021

**English** - English 9, English 10, English 11, and English 12 or two semesters of English electives are required. (Total, 4 credits) (including a minimum of ½ unit of U.S. Literature and ½ credit of writing).

**Mathematics** - One credit of Algebra I, one credit of Geometry Fundamental or Geometry, Algebra II or its equivalent, and a fourth math. (Total 4 credits).

**Science** - One credit of Biology and one credit of Physical Science and an additional credit of science is required. (Total, 3 credits).

**Social Studies** - One credit of World History or AP European History, one of U. S. History or KAP American History, and one of American Government & Economics or AP Comparative Government. (Total, 3 credits).

**Physical Education** - Two semesters of Physical Education must be completed or earn a PE waiver. Each semester earns one-fourth credit. (Total, ½ credit or PE waiver).

**Health** - One semester of Health is required. (Total, ½ credit).

**Business Technology** – One-half credit of Computer Applications is required. (Total, ½ credit)

**Art** – One credit of fine or performing art is required. (Total, 1 credit) At least 2 semesters anytime grades 7 – 12.

**Electives** - Students may select courses from the various departments according to interest and eligibility. (Minimum, 3 ½ or 4 credits).

All students must carry a minimum of five courses per semester. Special consideration and exceptions will be made in the case of extended illness, transfer of students, and other special cases.

NOTE: *All students wishing to be eligible for O.H.S.A.A. interscholastics must pass the equivalent of five credits in the preceding grading period.*

**OHIO END OF COURSE TESTS**

Ohio End of Course Tests are administered in the fall and spring in computer format. Students will earn points toward the 18 points required for graduation by scoring well on the tests. Students will test in the following content areas: English 9 and 10, Algebra I, Geometry, Biology, American History and American Government. Of the 18 points, 4 points must be in the area of math and 4 must be in the area of English and 6 points across science and social studies. Students will acquire the remaining points by exceeding the minimum required points for each area. Graduation and pathways are changed for the Class of 2023.

**WEIGHTED CLASSES**

The courses that will receive additional weight are those that follow the set AP, KAP, and dual enrollment criterion. Students taking college courses that are outside of the high school will earn additional weight if that course corresponds to a similar AP course within the high school.
A college preparatory curriculum as defined by the State Board of Regents recommends:

- English ........................................................... 4
- World Language ............................................. 3
  (one language for three years or
two years of two languages)
- Mathematics .................................................. 3
  (Algebra I, Geometry, and Algebra II)
- Lab Science ................................................... 3
- Social Studies ................................................ 3
- Fine or Performing Arts ................................. 1

**CRITERIA FOR DIPLOMA WITH HONORS**

The State of Ohio has created several options to receive a Diploma with Honors. Please [click here](#) to access these areas: Academic Honors Diploma, Career Tech Honors Diploma, Arts Honors Diploma (includes dance, drama/theatre, music, and visual art), and Social Science & Civic Engagement Honors Diploma. Portfolio presentations required through the Honors Diploma are to be student led.

**SUMMER SCHOOL**

Students can receive credit by taking courses in the summer. Examples of courses that may be offered would be Health, Computer Applications, Physical Education, Algebra I, Algebra B, Geometry, and English. Courses offered are based on enrollment. This is an opportunity to make up credit needed for graduation. Students may also be assigned a summer retest option for End of Course assessments.

**KNOX COUNTY CAREER CENTER ADMISSION**

A. Students planning to attend the K.C.C.C. for 11th and 12th grades (2-year program) are recommended to have the following credits to enter the K.C.C.C.:

- English ........................................................... 2
- Mathematics .................................................. 2
- Science .......................................................... 2
- Social Studies ................................................. 1
  (U. S. History or World History)
- Health (One Semester) ................................. ½
- Physical Education (Two Semesters) .......... ½


B. Students planning to attend the K.C.C.C. for 12th Grade (one-year program) are required to have the following credits to enter the K.C.C.C.:

- English ........................................................... 3
- Mathematics .................................................. 2
- Social Studies ................................................. 2
- Science .......................................................... 2
- Health (One Semester) ................................. ½
- Physical Education (Two Semesters) .......... ½

Plus credits to total fourteen units minimum.

The one-year courses at K.C.C.C. are: Pre-Professional Mentorship, Teacher Academy and Careers in Construction.
CRITERIA FOR DIPLOMA WITH HONORS FOR K.C.C.C. STUDENTS

The student who completes an intensive career-technical education curriculum shall meet at least seven of the following eight criteria:

1. Earn four units of English;

2. Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another higher level course or a four-year sequence of courses which contains equivalent content;

3. Earn at least four units of science including two units of advanced science.

4. Earn four units of social studies;

5. Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post-secondary credit. If the student’s program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent;

6. Achieve the proficiency benchmark established for the Ohio Career-Technical Competency, or equivalent assessment aligned with state-approved and industry validated technical standards; or

7. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or

8. Obtain a composite score of 27 on the American college testing service’s ACT assessment (excluding the optional writing test) or a combined score of 1210 on the college board’s SAT verbal and mathematics sections (excluding the score obtained on the required writing section).

SCHEDULE CHANGES

Schedules are the result of careful planning on the part of the student, parents, and counselors. Required courses cannot be changed and elective courses are chosen by the student and approved by the parents. Due to commitments for staff employment/assignments and the ordering of textbooks and other supplies, no schedule changes can be made after June 1st except for the following reasons:

A. Mechanical error changes.
B. Changes necessitated by failures.
C. Class balancing (guidance and administrative).
D. Subject-level changes (teacher recommendation).
E. Addition of a class in lieu of study hall the same period.
F. Administrative (guidance) recommendation.

In order to drop an elective course the student must have a conference with the teacher, parent, and counselor. One-half unit of “F” will appear on the student’s permanent record for the course dropped.

A student passing a year course and wishing to drop it at the end of the first semester must have a conference with parent, teacher, counselor, and administrator. If the course is dropped, the semester average and a symbol signifying withdrawal will appear on the record.
TEACHER REQUESTS

All teacher requests for the 2020 – 2021 school year must be submitted to the Guidance Office by April 15, 2020. If a parent/guardian desires a specific teacher, the parent/guardian must put the request in writing. The request should include your child’s name, the name of the teacher, and the course name.

MVHS will try to accommodate requests of parents; however, all requests may not be able to be met. There are many factors that go into the development of scheduling courses; therefore the final decision for student placement is determined by MVHS. Absolutely no requests will be accepted after April 15th.

HOMEWORK

Homework enhances classroom learning objectives and is a meaningful, planned activity for students to practice and apply the curriculum. The time commitment will vary depending on the nature of the course.

VISION STATEMENT OF MOUNT VERNON CITY SCHOOL DISTRICT

The mission of the Mount Vernon City School District is to provide, in cooperation with the larger community, a quality education for all students by upholding a standard of excellence in curriculum, staff, facilities, achievement and conduct, and to graduate individuals empowered to be self-motivated, life-long learners and responsible citizens.

MISSION STATEMENT OF MOUNT VERNON HIGH SCHOOL

Education is the collaborative responsibility of the staff, students, families, and community at Mount Vernon High School. Our vision of excellence…provide educational options for students that will foster meaningful applications to citizenship, career skills, social interactions and lifelong learning to exist in a constantly evolving society.

ADVANCED PLACEMENT (AP)

The AP Program is a collaborative effort among motivated students, dedicated teachers and committed high schools, colleges and universities. AP programs allow students to take college-level courses and exams, and to earn college credit or placement while still in high school. Mount Vernon offers AP courses in the following areas: Calculus, Biology, Physics, Statistics, Latin, U. S. Government and Politics, U.S. Comparative Government and Politics, European History, English, Spanish and French. Students should meet with school counselors if planning to take more than one AP course during a school year.

KENYON ACADEMIC PARTNERSHIP (KAP)

The Kenyon Academic Partnership (KAP), which was founded by Kenyon College and six Ohio independent schools in 1979, has been dedicated to improving the transition of students from high school to college. KAP is designed to reduce the amount of course duplication some students find in college, to give students an introduction to the rigors of college work in familiar, supportive settings, and to offer students more advanced and varied courses than normally found in high school.

Participating schools offer one or more courses cooperatively developed by high school and Kenyon faculty members. The courses are fully equivalent to the introductory courses offered in each of Kenyon's participating departments. The teachers in the secondary schools present these courses to eligible students according to collegiate standards reproducing as closely as possible a college environment. Kenyon's standards are maintained in a number of ways: college departmental representatives visit and evaluate classes in the schools, and teachers and professors periodically exchange papers for cross-grading. At the end of a course, a student's grade is reported on a Kenyon transcript to the college he or she has elected to attend.

Mount Vernon currently offers KAP courses in History, Art, Chemistry, English, French, and Spanish.
CENTRAL OHIO TECHNICAL COLLEGE (COTC)

For the Advanced Composition, and Introduction to Business, high school students may be eligible for COTC credit through College Credit Plus.

NORTH CENTRAL STATE COLLEGE (NCSC)

For Human Physiology and PreCalculus, high school students may be eligible for NCSC credit through College Credit Plus.

With College Credit Plus, students earn both high school and college credit. College Credit Plus Eligibility Requirements are determined by the college.

FEES

All fees listed in this handbook are tentative. Fees are annually updated in June when acted upon by the Mount Vernon Board of Education.

Ohio Revised Code 3313.642 states that “no board of education of a school district shall charge a fee to a pupil who is eligible for a free lunch…for any materials needed…to participate fully in a course of instruction.”

CLASS PLACEMENT

Sophomore: A student is considered to be of Sophomore standing when he/she has received a minimum of five (5) credits, including the following required credits:

- Biology or Applied Science ..........1 credit
- World History ..............................1 credit
- English 9 .........................................1 credit
- Algebra .............................................1 credit
- *Others .................................................1 credit (including P.E., Health, Fine Art elective)

Junior: A student is considered to be of Junior standing when he/she has received a minimum of ten (10) credits, including the following required credits:

- English 9 .........................................1 credit
- English 10 ........................................1 credit
- Physical Education .............................½ credit
- Health ..............................................½ credit
- Mathematics ......................................2 credits
- Social Studies ......................................2 credits
- Science ...............................................2 credits
- *Fine Art or Elective ..............................1 credit

Senior (2021): A student is considered to be of Senior standing when he/she has received a minimum of fifteen (15) credits, including the following required credits:

- English 9 .........................................1 credit
- English 10 ........................................1 credit
- English 11 .........................................1 credit
- Physical Education .............................½ credit
- Health ..............................................½ credit
- Mathematics ......................................3 credits
- Science ...............................................2 credits
- Social Studies ......................................2 credits
- Fine or Performing Art ......................1 credit
- *Electives ..............................................3 credits
## CURRICULUM OFFERINGS AND CODES

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<th>Course</th>
<th>Grades(s)</th>
<th>Credit</th>
<th>Codes</th>
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<td>Vet Science</td>
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<td>Foundations of Art 2</td>
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<td>Consumer Economics/Personal Finances</td>
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<td>Women’s Chorus</td>
<td>9, 10, 11, 12</td>
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<td>Music Theory</td>
<td>11, 12</td>
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<tr>
<td>Orchestra (Concert)</td>
<td>9, 10, 11, 12</td>
<td>1.00</td>
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<tr>
<td>Orchestra (Symphonic)</td>
<td>9, 10, 11, 12</td>
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<tr>
<td>Band (Concert)</td>
<td>9, 10, 11, 12</td>
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<td>Band (Symphonic)</td>
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<td>Piano Lab</td>
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<td>Trends in Popular Music</td>
<td>9, 10, 11, 12</td>
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<td><strong>PHYSICAL EDUCATION &amp; HEALTH</strong></td>
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<tr>
<td>Physical Education</td>
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<td>Lifetime Sport &amp; Fitness</td>
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<td>Health</td>
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<td>Forensic Science 2</td>
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<td>Environmental Studies (not offered 2020-21)</td>
<td>10, 11, 12</td>
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<td>Human Physiology</td>
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<td>Chemistry</td>
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<td>KAP/AP Chemistry</td>
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<td>Physics</td>
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<td>Robotics</td>
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<td>Comparative Gov’t &amp; Politics</td>
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<td>Psychology – Exploring Behavior</td>
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<td>COTC Introduction to Psychology</td>
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<td>Sports in the American Society</td>
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<td>Regional &amp; Cultural Geography</td>
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<td>Latin II</td>
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<td>Latin III</td>
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<td>AP Latin</td>
<td>11, 12</td>
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<td><strong>EDUCATIONAL OPTIONS</strong></td>
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<td>Mentorship for Leadership Program</td>
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<td>Career Based Intervention (CBI)</td>
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<td>Employability</td>
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<tr>
<td>Ariel Co-op</td>
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</table>
EDUCATIONAL OPTIONS

The Board of Education recognizes differences in abilities, interests, and extenuating circumstances. The Board encourages student initiative and self-direction in approved learning experiences.

The use of educational options represents one method by which learning opportunities can be provided. Educational options may permit expanded community involvement in the educational process, increasing the opportunities for students to match the pace of technological developments and provide a broader base for earning promotion and credits necessary for graduation.

The following are approved forms of educational options for pupils in grades 9 – 12: (Applications are available through the Guidance Office.)

- Credit Flexibility (Web Courses) (See page 59)
- College Credit Plus (See pages 64 – 67)
Mount Vernon High School art courses are required to meet criteria established by the Ohio Department of Education. These standards are known as essential understandings. Students will:

- Construct and solve problems of personal relevance and interest when expressing themselves through visual art.
- Combine and apply artistic and reasoning skills to imagine, create, realize and refine artworks in conventional and innovative ways.
- Work individually and in groups to focus ideas and create artworks that address genuine local and global community needs.
- Valuation of the arts and aesthetic reflection.
- As consumers, critics, and creators, students will evaluate and understand artworks and other texts produced in the media forms of the day.

<table>
<thead>
<tr>
<th>Course Code #</th>
<th>Course Title</th>
<th>Open to Grades</th>
<th>Credit</th>
<th>Prerequisites(s)</th>
</tr>
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<tbody>
<tr>
<td>100-1</td>
<td>Foundations of Art 1</td>
<td>9, 10, 11, 12</td>
<td>0.50</td>
<td>See course description</td>
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<tr>
<td>100-2</td>
<td>Foundations of Art 2</td>
<td>9, 10, 11, 12</td>
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<tr>
<td>100-3</td>
<td>Studio Art</td>
<td>10, 11, 12</td>
<td>1.00</td>
<td>See course description</td>
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<tr>
<td>101</td>
<td>Advanced Studio</td>
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<td>See course description</td>
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<tr>
<td>102</td>
<td>Art Portfolio</td>
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<tr>
<td>103</td>
<td>Digital Art</td>
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<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>104</td>
<td>Video Production</td>
<td>10, 11, 12</td>
<td>.50</td>
<td>See course description</td>
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<tr>
<td>140</td>
<td>KAP Digital Imaging</td>
<td>10, 11, 12</td>
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</table>

**100-1 FOUNDATIONS OF ART 1**  
Grades 9, 10, 11, 12

Foundations of Art 1 is a prerequisite to Foundations of Art 2, Studio Art, Advanced Studio, and Art Portfolio.

½ Credit. One Semester.

Foundations of Art 1 and Foundations of Art 2 may be taken in the same school year or subsequent years. To take both in the same year you would sign up for Foundations of Art 1 during first semester and Foundations of Art 2 for second semester.

This course is an analysis and application of the elements of art and principles of design and their possibilities in two dimensional and three-dimensional media. This course offers studio experiences with concentration on basic drawing, color mixing, and care of materials. Students will work in a variety of techniques and media that may include pencil, colored pencil, charcoal, pastel, oil pastel, paint, ink, and clay. Written and oral critiques are a required component of the course.

Fee: $30.00 (consumable supplies)

**100-2 FOUNDATIONS OF ART 2**  
Grades 9, 10, 11, 12

Prerequisites: Foundations of Art 1 with a “C” or better.

½ Credit. One Semester.

This course is a continuation of Foundations of Art 1. Students will expand their knowledge and skills as they analyze and apply the elements of art and principles of design and their possibilities in two-dimensional and three-dimensional media. Students will work in a variety of techniques and media including pencil, colored pencil, charcoal, oil pastel, scratch board, paint, linoleum block, and clay. Written and oral critiques are a required component of the course.

Fee: $30.00 (consumable supplies)
STUDIO ART
Grades 10, 11, 12

Prerequisites: Foundations of Art 1 and 2 with “B-” or better.

1 Credit. One Year.

This intermediate art course focuses on drawing from observation, exploration of materials and processes and the use of color in 2-dimensional and 3-dimensional art. Written and oral critiques are a required component of the course. Students will work in a variety of mediums such as pencil, pen and ink, charcoal, pastels, watercolor, clayboard, water miscible oil paint, acrylic paint, and clay. Emphasis will be given to advanced drawing, composition, and color theory. The student is required to purchase a 9 x 12 sketchpad and an art portfolio (the portfolio must be 24” x 36”).

Fee: $70.00 (consumable supplies)

ADVANCED STUDIO
Grades 11, 12

Prerequisites: Foundations of Art 1 and 2 and Studio Art with “B+” or better.

1 Credit. One Year.

This course is an advanced course for art students wishing to work in two-dimensional media. Students will be challenged to write artist statements, project proposals, and most projects will be self-directed based on students choice of 2-dimensional mediums. Written and oral critiques are a required component of the course. Complex artwork will be produced with a sharp focus on dynamic composition, exemplary technique and conceptual process. The student is required to have a 9 x 12 sketchpad and an art portfolio (the portfolio must be 24” x 36”).

Fee: $70 (consumable supplies).

ART PORTFOLIO
Grade 12

Prerequisites: Foundations of Art 1 and 2, Studio Art, and Advanced Studio with “B+” or better

1 Credit. One Year.

This course will challenge students’ creativity, technique, personal style, and expression through a concise body of work with an overall theme suitable for college/art school entrance portfolio. Students will write artist statements, project proposals, and all projects will be self-directed based on students’ choice of 2-dimensional mediums. Written and oral critiques are a required component of the course. Students will investigate college portfolio requirements and will create a digital portfolio based on their body of work. The student is required to have a 9 x 12 sketchpad and an art portfolio (the portfolio must be 24” x 36”).

Fee: $70.00 (consumable supplies)
Due to student choice of mediums, some supplies may need to be supplemented by the student.
104
DIGITAL ART
Grades 9, 10, 11, 12

Prerequisites: Algebra 1 with a “C” or better. Must be able to execute multi-step sequences. Digital Art is a prerequisite to KAP Digital Imaging

1 Credit. One Year.

Digital Art is a course that develops communication skills in print production, graphic design, and video. Students will learn and apply the elements of art and principles of design as they create dynamic compositions for still and moving images. Students will use Adobe Photoshop and Adobe Premiere Pro for projects. Students will be introduced to the basis of video as they learn to shoot, capture, edit and export a video. Photoshop projects include designing a logo, business card, album cover, Surrealism collage, and GIF. Students will apply advanced keyframing to create a variety of projects that include parallax, an artist micro-documentary, a commercial, a film production animated sequence, and a stop motion animation. Written project proposals, oral critiques, and written critiques are a required component of the course. The course fee covers access to Adobe Creative Cloud (Photoshop and Premiere Pro) for the length of the course, a 32 GB flash drive, photographic paper and ink, and headphones.

Fee: $70.00

105
VIDEO PRODUCTION
Grades 10, 11, 12

Prerequisites: As this course is a career-oriented offering, admission is contingent on instructor approval following an inperson interview. Preference will be given to upperclassmen who demonstrate a strong work ethic, individual accountability, and an ability to effectively collaborate with others.

½ Credit. One Semester.

The focus of the Video Broadcasting course is to help students learn and develop technological, communication, and collaboration skills that will enhance their ability to work and thrive in an ever-changing and increasingly tech-driven economy. Students will work together - both in person and through effective use of “cloud collaboration” - to plan, prepare, produce, promote, and premier fresh and regular video content to inform, entertain, and enrich the MVHS community. This course is hands-on, project-based, and will require some out-of-classroom time invested to accomplish project goals. Students will gain an understanding of pre-production, content-capture, and post-production roles and responsibilities of news and entertainment broadcasting, and develop skills that include script writing, storyboarding, video recording, and video editing.

Fee: None
Prerequisites: Student must complete and submit a KAP application and be accepted by Kenyon College. Digital Art with an “A”.

1 Credit. One Year. Four college semester hours.

KAP Digital Imaging is a college level studio art course. Students will utilize digital tools to engage in aesthetic and conceptual practices in contemporary art with an emphasis on experimentation. Personal studio projects will investigate a variety of subjects such as: the role of digital media in the history of artistic practice, the relationship of the arts to popular culture, the aesthetics of abstraction, the development of metaphor, new versions of magic-realism, and the effects of social issues on the creation and interpretation of artwork. Students will come to understand the fundamentals of composition and develop technical skills with a variety of computer tools including Photoshop for still-images and Premiere Pro for video-editing. Through theory and practice, effective art criticism skills will be developed allowing for creative group interactions and defining personal aesthetic vision. Some presentations by the professor will be supplemented by student research on contemporary artists and issues. This course requires a minimum of two hours of work per week outside of class. Students are required to have headphones/earbuds. The course fee covers access to Adobe Creative Cloud (Photoshop and Premiere Pro) for the length of the course, a 64GB flash drive, photographic paper and ink, and miscellaneous art supplies.

Fee: $70.00
Mount Vernon High School Business Technology Department courses fulfill both mandatory and elective graduation requirements. Business and computer classes include training in necessary life skills. Computer courses provide hands-on skill training to prepare students for post-secondary education, the military and/or job success. MVHS graduates must be prepared to meet the needs of our changing workforce. Other offerings assist in developing personal life skills, including: credit, checking account and bank services, insurance, understanding the economy, business communication, and related topics. To master standards, students will use computer and multimedia resources to support their learning. This includes terminology, communication and use of appropriate tools for the task. Focus will be on today’s most used programs Windows, Word, Excel and PowerPoint.

<table>
<thead>
<tr>
<th>Course Code #</th>
<th>Course Title</th>
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<th>Credit</th>
<th>Prerequisites(s)</th>
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<td>201</td>
<td>Computer Applications For Business</td>
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<td>202</td>
<td>Computer Applications II</td>
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<td>AP Computer Science Principles</td>
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<td>205</td>
<td>Introduction to Accounting</td>
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<td>206</td>
<td>Consumer Econ/Per. Finances</td>
<td>9, 10, 11, 12</td>
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<td>209</td>
<td>Video Game Design</td>
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<td>210</td>
<td>Introduction to Business</td>
<td>11, 12</td>
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<td>See course description</td>
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**201  COMPUTER APPLICATIONS FOR BUSINESS**

Grades 9, 10, 11, 12

Prerequisites: None.

1/2 Credit. One Semester.

This course begins by teaching students how to perform tasks within Microsoft Word, such as creating and managing documents, formatting text, paragraphs and sections, creating tables and lists, applying references and inserting and formatting objects. After establishing the core skills within Word, students will become proficient using Microsoft Excel to perform tasks such as creation and management of worksheets and workbooks. Students will also learn development of formulas for calculation, cross-referencing, and reporting will follow into more advanced skills, including PivotTables, and charting with data projections. These functions serve as the basis for understanding the fundamentals of business oriented communication and etiquette in a professional environment through text-intensive media and data reporting software.

Fee: None
Prerequisites: Computer Applications I with a “C” or better.

½ Credit. One Semester.

This semester course will allow students to experience more depth in computer software use. It will include intermediate/advanced work using MS Word (word processing), Excel (spreadsheet), introduction to Access (database), and PowerPoint (presentation program software) as well as integration of these programs.

Fee: None

Prerequisites: Algebra I with a “C” or better.

1 Credit. One Year.

The CodeHS Introduction to Computer Science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Once students complete the CodeHS Introduction to Computer Science course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript.

Fee: None

Prerequisites: Computer Science Essentials and Algebra with a “C” or higher.

1 Credit. One Year.

AP Computer Science Principles is the newest AP course from the College Board. This course introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. With a unique focus on creative problem solving and real-world applications, the CodeHS AP Computer Science Principles course gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field.

Fee: $94.00 for the AP Exam (approximately). Required
INTRODUCTION TO ACCOUNTING
Grades 10, 11, 12

Prerequisites: None

½ Credit. One Semester.

An essential exploratory business class for both entrepreneurs (own your own business) and students thinking about pursuing any Business Major after high school. Accounting is the language of business, yet can be used for personal use as well. This course covers the basics of keeping accurate records of all business transactions, how each transaction effects the businesses profit margin, how to pay your employees, and how to show depreciation on capital equipment to name a few topics covered. This course will also cover career paths such as Book Keeping, Tax Accounting, Payroll Processing, Certified Public Accountant and Accounting Controls just to name a few.

Fee: None

CONSUMER ECONOMICS/PERSONAL FINANCES
Grades 9, 10, 11, 12

Prerequisites: None

½ Credit. One Semester.

This course introduces students to the tools required to manage their own financial life. Students will obtain fundamental knowledge and skills in banking services, insurance, and securities and investments. They will acquire knowledge of financial analysis and application, economics, international business and business relationships. Knowledge management and information technology will be emphasized. Employability skills, leadership and communication will be incorporated in classroom activities. Personal financial management is taught and includes balancing a checkbook, living debt-free, and planning for the future (investments, insurance, taxes and credit).

Fee: None

CODING BASICS
Grades 9, 10, 11, 12

Prerequisites: None

½ Credit. One Semester.

Learn basic coding concepts using drag and drop coding environments like Scratch, MIT App Inventor and Karel. This introductory course is designed for students who have an interest in learning about coding, but aren’t necessarily wanting to pursue a computer science career path. This course is also a great starting point for students not meeting the Algebra requirement for the Intro to Computer Science course.

Fee: None
Prerequisites: Complete application form.

½ Credit. One Semester.

Students help the school and community by providing mentoring to their peers and teachers, maintaining technology, and creating digital content. Students do not need to have high-level tech skills to join this program, but should have a desire to learn, a strong work ethic and a willingness to help others. Students in this program are selected via an application process. Students should fill out the interest form available online at this link: https://forms.gle/NTafeymkrvuLP4ik

Fee: None

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Prerequisites: Computer Science Essentials.

1 Credit. One Year.

This course will prepare students to design and program games using commercial and open source programs and applications. Students will learn industry standard programming language constructs to write programs that integrate classes, class methods, and class instances. Students will learn input method handling, animation, collision detection, game physics and basic artificial intelligence.

Fee: None

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Prerequisites: Acceptance by COTC to earn COTC credit.

½ Credit. One Semester.

COTC: BUS105

The purpose of this course is to equip students with the basic understanding of the world of business. Emphasis on real world opportunities, the role of government, the impact of technology, entrepreneurship/partnership/corporations, business ethics, human resource management, the global economy, and much more. Students will learn to establish business goals and create a plan to meet them. This course provides a solid foundation for dealing with the ever changing business world.

Fee: None
The English Department offers a broad curriculum in an attempt to meet the needs of all students. English 9 and 10 are required courses and will teach skills in composition, language and literature. All seniors will take one writing course (KAP English, English 12, Advanced Composition, Composition, or Expository Writing.) The elective program is designed to provide a wider choice for upperclassmen. (One semester of United States Literature is required). Courses are available to fit the needs, interests, and abilities of all students. The honors program offers students more demanding year long courses. There is more dedication to learning and more self-discipline expected on the part of the participants. Entrance is by recommendation only. Acceptance is voluntary. Admittance to this program will be based upon teacher and counselor recommendations, and achievement test scores in reading. Admittance to college level courses is dependent upon the recommendation of the current grade teacher, meeting college requirements, and approval of that college.

All fee amounts are maximums; fees may be adjusted in the fall.

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**302** ENGLISH 9

Prerequisites: None

1 Credit. One Year.

This course provides an introduction to literature in its various forms and continues to work with skills in reading, writing, grammar, speaking, and listening. Attention will be given to those skills necessary to pass the E.O.C. exams.

Fee: $13.00 (supplemental text or resource)
Prerequisites: Registration for this course is based on strict criteria. Students must have an “A” average in 8th grade English or a “B” in Challenge English and a score of 4 or 5 (accelerated or advanced) on the Ohio Computer Based Assessment (OCBA). All students must submit an application and designated writing sample by the stated deadline on the application. Decisions are at the discretion of the high school English Department.

*This course is a requirement for entry into the high school Honors English program.

1 Credit. One Year.

This course meets the requirements of the English 9 curriculum in a more demanding way for the student with proven ability, achievement, and interest. Curriculum includes the reading of classic short stories, at least 3 novels, the Odyssey, and Romeo and Juliet, as well as the writing of a variety of essays. A research paper is one of the components of this course. A summer reading component will also be required.

Fee: $13.00 (supplemental text or resource)

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Prerequisites: English 9

1 Credit. One Year.

The course provides more experience with world literature and language and continues to refine skills in reading, writing, grammar, speaking, and listening.

Fee: $12.00 (supplemental text or resource)

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Prerequisites: English 9 Honors with a “B-” or above or Special permission of the English Department

1 Credit. One Year.

Registration in this course is by recommendation of the English Department. It continues the honors program with more work in world literature and further development in composition, grammar, and language. A summer reading component may also be required.

Fee: $12.00 (supplemental text or resource)

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Prerequisites: English 10

1 Credit. One Year. (This course meets the board requirement for American Literature.)

This course surveys both classic and contemporary American literature in theme exploration. Emphasis is placed on thematic connection, literary elements and style, as well as reader response to the literature. This course serves as an introduction to major authors and issues of American involvement. Vocabulary study, written responses, and projects are included in the course requirements. Essay writing will be a significant part of the course. Revision techniques as well as editing and proofreading skills will be emphasized in drafting and polishing work.

Fee: $10.00 (supplemental text or resource)
AP ENGLISH 11
(Advanced)

Prerequisite: Students must have earned an “A” or “B” in Honors English 10 or be approved by the English Department.

1 Credit. One Year. (This course meets the board requirement for American Literature)

This course is designed for students with exceptional skills in reading comprehension, literary analysis and essay writing. The course will extend the study of advanced grammar, vocabulary for college, literary terms and genres, and college test taking skills. The emphasis is on the reading and analysis of the major works of United States authors from the Colonial period to the present day. A summer reading component may also be required.

Fee: $10.00 (supplemental text or resource) AP Test Fee – approximately $94.00.

ENGLISH 12

Prerequisites: English 11 with an “A” or “B” or AP English 11 with a “C” or better.

1 Credit. One Year.

This course is designed to give college-bound students the necessary skills in reading, writing, listening, speaking, and thinking to prepare them for college level work. Literature studied will focus on works of British and European writers, including Boccaccio, Chaucer, Shakespeare, and Austen. Students enrolling in this class should already have knowledge of essay structure and standard written English. Some independent research will be required as well as in-class essays and out-of-class compositions.

Fee: $10.00 (supplemental text or resource)

KAP ENGLISH
(Advanced)
Grade 12

Prerequisites: English 9, 10, 11 with an “A-” or above in English 11 or “B” or above in AP11: Students who enroll in this course must make application to Kenyon College for admission to the KAP Program. Teacher recommendation required.

2 Credits. One Year. 8 college semester hours.

Students must have an English Department recommendation to register for this course. In addition, students must complete and submit a KAP application and be accepted by Kenyon College. This course is the culmination of the English Honors program. Due to the difficulty of this course, the student will receive a weighted grade. The course is designed to provide an intensive year’s work in reading literature and composing essays. It is taught under Kenyon faculty supervision. It is a college-level course in content, teaching, and expectations. The reading list comprises texts that represent a range of genres and chronological periods, as well as a variety of gender and cultural perspectives. In addition, significant attention is given to the study of poetry. The course has two main purposes: first, it is designed to develop accurate, perceptive reading through close study of major texts, secondly, it develops fluent, precise writing through the preparation of multiple essays. A summer reading component will be required.

Fee: None
Prerequisites: English 9, 10, 11

½ Credit. One Semester.

Instruction will be given in filling out forms, writing letters, resume writing, cover letters, emails, evaluation, and job related writing. Grammar and usage review will be included as necessary.

Fee: None

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314  COMPOSITION  314

Grades 12

(College Preparatory)

Prerequisites: English 9, 10, 11

½ Credit. One Semester.

Students who have difficulty generating topic ideas, expressing themselves clearly, and developing and organizing their writing are encouraged to take this course. Developing topic sentences with controlling ideas, learning methods of support, and organizing information will comprise the core instruction. Practice in paragraph development leading up to more complex three to five paragraph essays will be the aim of this course. Revision techniques as well as editing and proofreading skills will be emphasized in drafting and polishing work. Students will produce a variety of different types of writing including literacy analysis, persuasive and compare and contrast essays, business letters and resumes. A short research paper will also be required. Composition may be used to build skill and confidence in writing before attempting Advanced Composition.

Fee: None

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315  ADVANCED COMPOSITION  315

(College Preparatory – COTC Option)

Grades 12

Prerequisites for MVHS: English 10H, English 11R, or English 11H with a "B" or better average and teacher recommendation.

Prerequisites for COTC: Acceptance by COTC

MVHS: 1/2 Credit. One Semester.
COTC: Course ENGL-112

Advanced Composition is a writing intensive, theme-based course that facilitates the development of college-level writing, while incorporating one's own thinking with credible research using MLA format. The course emphasizes critical thinking, analytical reading, thesis development, and deep revision of one's own compositions. The course also includes analysis of audience and theme in one's own writing and the writings of others, while developing the student's critical reading skills.

Fee MVHS: None
## CREATIVE WRITING
(Regular and College Preparatory)
Grades 10, 11, 12

Prerequisites: Students must have a "C" average or better in English 10H, AP English 11, English 11 or a “B” average or better in Honors English 9. Tenth grade students must be currently enrolled in 10 Honors English.

½ Credit. One Semester.

This course is designed for fluent writers who enjoy working with their creative potential. It will introduce specific forms of poetry, fiction, and non-fiction; and it will be based on the writing process which involves modeling, multiple drafts, criticism, polishing, and publishing. Knowledge of correct grammar, usage, and mechanics will be reinforced and refined. Course work will include reading and writing assignments, keeping a journal, short story writing, poetry writing, and a final examination project. Vedette submission required.

Fee: None

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## PAGE TO STAGE
(Regular and College Preparatory)
Grades 11, 12

Prerequisites: None

½ Credit. One Semester.

Page to Stage is a course for students who have interest in dramatics, play production, and acting. The class is split between a quarter of acting techniques and skills and a quarter of behind-the-scenes work such as set design and building, and costuming. The general objective is to encourage students to become theater goers, to appreciate the planning and work that goes into a dramatic production, and to encourage students to participate in college and/or community theater.

Fee: None

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## CONTEMPORARY READING
(College Preparatory)
Grades 11, 12

Prerequisites: English 9, 10 and with a “C” or better.

½ Credit. One Semester.

This course is available for students who enjoy books and can independently design their own reading curriculum to fulfill specific guidelines. With a focus on current literature, students must read a minimum of six novels over the semester. Each novel will meet a set of criteria and be accompanied by products which prove growth and analysis. The final semester project will involve the community and be tailor-made to highlight the talents of the students enrolled.

Fee: $20.00 (novels)
WORLD LITERATURE: FILM STUDIES
Grades 11, 12

Prerequisites: English 10 or 11 with a “B” or better.

½ Credit. One Semester.

A writing intensive class that will explore the history, genres, and technique of films. Through writing, students will be able to review, interpret, critique and analyze films across the different genres. Writing topics will include (but are not limited to) the inner workings of modern day cinema, how science plays a role in film, and how social issues influence film storytelling. Students will study the major industrial, technological, aesthetic, and cultural developments in film history. Topics will include the invention of motion pictures, the establishment of a film industry and audience, the narrativization of film, developments in the use of cinematic technique, the history of theatrical film exhibition, the establishment of national cinemas, the idea of film as art, changing notions of cinematic realism and its alternatives, and technological innovation.

Fee: None

CLASSICAL MYTHOLOGY – HERCULES TO SUPERMAN
(College Preparatory)
Grades 11, 12

Prerequisites: English 10 with a “C” or better.

½ Credit. One Semester.

This class will provide opportunity to fully explore Greek and Roman mythology. The course will focus on the influence mythology has had on modern society. It will include background information on ancient Greece, Rome, and Norse, a study of the myths of creation, gods, nature, heroes, an overview of The Aeneid, a review of The Odyssey, a study of The Iliad, and comparisons with myths of other cultures. A variety of course activities will include reading, writing, speaking assignments, creative projects, some research, and visual literacy.

Fee: $12.00 (supplemental text and/or project supplies)

GRAMMAR
Grades 11, 12

Prerequisites: English 10 Regular.

½ Credit. One Semester.

This course is designed for students who wish to improve their grammatical skills for the next level – college or career. Students will learn the parts of speech, parts and function of a sentence, punctuation, common errors of language, and written application. While writing is not a focus of the course, it will be used periodically to prove proficiency in the above skills.

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**400**

**FRENCH I**

Grades 9, 10, 11, 12

Prerequisites:  English Regular and/or prior World Language with a “C” or better.

1 Credit. One Year.

French is useful for travel, military service, today's job market, and as an educational tool. It is used in international business and diplomacy, and as background for the study of art, history, and philosophy. French facilitates the study of other languages and increases one's knowledge of English. The French I student learns basic vocabulary and communication skills. Comprehension, speaking, reading and writing are taught through the use of various media and classroom activities. Students learn about French schools, family, leisure activities, food, fashion, health, entertainment, and vacations. French culture is presented through various media. Students become aware of the French and Francophone influence on western civilization and around the world.

Fee: $22.00 (workbook) includes National French Test Fee

**401**

**FRENCH II**

Grades 9, 10, 11, 12

Prerequisites:  French I with a “C” or better.

1 Credit. One Year.

A second year of French is required to attain proficiency in expression and comprehension. French II consists of a more intensive study of spoken and written French. Supplementary materials present useful situations in which the student can communicate and increase vocabulary and comprehension. Reading and composition are further developed, with a more extensive study of verb tenses and grammar. Contemporary French society is discovered through various media. Topics discussed are sports and leisure activities, shopping, food, family-life, health, and travel in the Francophone world.

Fee: $22.00 (workbook) includes National French Test Fee.
Prerequisites: French II with a "B" average or better or teacher recommendation.

1 Credit. One Year.

The excitement of knowing a foreign language is being able to communicate with it. French III helps develop comprehension and fluency in written and spoken form, expands vocabulary, and improves grammar. Through various media, the student explores modern Francophone society. Topics discussed are activities, shopping, cultural events, newspapers, the media, day-care, public health, French Heritage, friends, travel, hobbies, sports, the environment, and people.

Fee: $32.00 (workbook) includes National French Test Fee & Le Petit Prince Book.

Prerequisites: French III with "B" average or better or teacher recommendation.

1 Credit. One Year.

AP French focuses on interpretive, interpersonnal, and presentational communication. The six aspects of the AP French Exam and courses are: Les défis mondiaux, La science et la technologie, La vie contemporaine, La quête de soi, La famille et la communauté, and L’esthétique. Students will perfect their grammar, read, analyze, and discuss French poems, essays, plays, novels, short stories, films and journalism throughout Francophone history to the present.

Lectures and discussions are on topics like history and literary background, with an emphasis on interpretation, critical analysis and an appreciation of French and Francophone culture and literature. The AP exam is a requirement of the course.

Fee: $114.50 - AP Exam Fee, National French Test Fee and L'Ecole des Femmes book.

Prerequisites: Recommendation of teacher and acceptance by Kenyon. Completion of French IV with a “B” average or higher is required.

1 Credit. One Year. Four college semesters hours.

The KAP program is the equivalent of four college semester hours of French at Kenyon College. The course consists of two semesters: French literature from the Medieval period to the 18th century and French literature from the 19th to the 21st century. Students will perfect their grammar, read, analyze and discuss French poems, essays, plays, novels, short stories, films and journalism by masters throughout the historic periods. Lectures and discussions are on topics like history and literary background, with an emphasis on interpretation, critical analysis and an appreciation of French and Francophone culture and literature.

405  SPANISH I  Grades 9, 10, 11, 12

Prerequisites: English Regular and/or prior World Language with a “C” or better.

1 Credit. One Year.

Spanish is the most frequently spoken language in the Western Hemisphere, the second language of the United States, and the third most commonly spoken language in the world. Because of our ever-changing and growing Global Economy, Spanish is very useful in nearly every occupation. The study of Spanish also simplifies the learning of other world languages and increases English vocabulary proficiency.

Spanish I provides an introduction to the basic skills of Spanish grammar and vocabulary, conversation, reading, and writing. Students will develop a general understanding and appreciation of the civilization and culture of the Spanish speaking world. Students will be expected to do daily homework with daily study of vocabulary and grammatical structures.

Fee: $35.00 (workbook and Spanish magazine.)

406  SPANISH II  Grades 9, 10, 11, 12

Prerequisites: Completion of Spanish I with a “C” or better.

1 Credit. One Year.

Spanish II is a course that furthers the development of the listening, reading, writing, and speaking skills. Use of language structure is developed through written exercises, brief compositions and short narratives. Further development of the appreciation of Spanish and Latin American culture is achieved through videos, class discussions, and cultural reading materials. The use of Spanish in the classroom is stressed. Entire lessons in the target language may be taught and students will be encouraged to use as little English as possible.

Fee: $35.00 (workbook and Spanish magazine.)

407  SPANISH III  Grades 10, 11, 12

Prerequisites: Spanish II with a grade of "B" or better.

1 Credit. One Year.

Spanish III is designed to refine and further develop the basic skills stressed in levels I and II. Emphasis is placed on finer points of the language structure. Speaking is expanded to numerous planned and spontaneous conversations and narratives. An introduction to Hispanic Literature provides a rich source of vocabulary, a review of grammatical concepts, and insight into the culture of the civilization of Spain and Latin America. Appreciation of Hispanic culture is further expanded through videos, and projects. The use of Spanish in the classroom is stressed. The majority of the class will be conducted in the target language.

Fee: $35.00 (workbook and Spanish magazine.)
Prerequisites: Spanish III with a grade of "B" or better.

1 Credit. One Year.

AP Spanish emphasizes the continued study of the finer points of grammar and continued development of all communicative skills. Students use the language to further their knowledge of other disciplines. Students will also study the culture in order to understand the relationship between the practices, products, and perspectives of the culture. This course includes preparation for KAP Spanish and is conducted exclusively in Spanish. Students will be expected to use little or no English. The AP exam is a requirement of the course.

Fee: $94.00 for the AP Exam (approximately) required.

Prerequisites: AP Spanish and faculty permission. Students who enroll in this course must make application to Kenyon College for admission to the KAP Program.

1 Credit. One Year. Four college semester hours.

This course is designed to give advanced students the opportunity to refine and increase their proficiency, both oral and written, in Spanish. There will be cultural and literary readings and movies which require written responses. A grammar review, focused on typical areas of difficulty, will be included. Students will be involved in critical interpretation and analysis of a variety of cultural and literature pieces as well as writing different types of essays to show mastery of the Spanish language.

Fee: None

Prerequisites: English Regular and/or prior World Language with a “C” or better.

1 Credit. One Year.

The study of another language is a critical component of a liberal arts education. Latin is a classical and medieval language which has been acclaimed as the fountainhead of the culture of western civilization. Latin is a practical and applied language that is utilized in the terminology and technical vocabulary of many professional career areas, including law, medicine, the sciences, religion, education and the liberal arts. Latin vocabulary and grammar not only supplement and enrich English language studies but also provides an excellent foundation for study of the Romance languages of Italian, French, Spanish, Portuguese, and Rumanian. In Latin, readings are drawn from cultural topics concerning ancient Roman and Greek daily life, religion, political and military history, mythology, geography, literature and art. Grammar and vocabulary are presented in a functional method to develop reading proficiency. Students enrolled in Latin should be self-disciplined, have good study habits, an understanding of English grammar, persistence, and above all, a strong ability to memorize. In the class, the student will participate to a high degree. The student will be listening, speaking, repeating, and responding most of the time.

Fee: $26.00 (mosaic materials) includes National Latin Exam Fee.
LATIN II
Grades 10, 11, 12

Prerequisites: Latin I with a “C” or better.

1 Credit. One Year.

The second level provides a comprehensive and thorough review of vocabulary and grammar learned in Latin I. The main objective is to gain greater reading proficiency in order to understand ancient Roman and Greek cultural contributions to our western civilization. Improvement of English writing-translation skills are further developed. Latin-English derivatives are employed in vocabulary study to provide preparation for the verbal sections of college achievement, placement and entrance examination. Films, slides, visual aids, news and magazine articles are also utilized to enhance the appreciation of classical culture and its heritage in modern Italy and Greece. Roman literature is introduced in selected Latin prose readings from Livy, Caesar, Pliny, St. Jerome, Martial, and others. A notebook will be maintained with daily translations.

Fee: $22.00 (dictionary) includes National Latin Exam Fee.

LATIN III
Grades 11, 12

Prerequisites: Latin II with a “B” or better.

1 Credit. One Year.

Latin III provides the practical usage of the reading and writing skills developed in Latin I and II. Readings deal with the late Roman Republican Period. Latin literature is presented in the selected prose works of Sallust and Cicero, which concentrate on Roman history and the issues of the Roman Republic’s government and its political and legal systems. Latin poetry is covered in the selected works of Ovid which deal with Greek and Roman mythology and religion. Vocabulary derivatives emphasize legal, literary, and medical terminology. A notebook will be maintained with daily translations.

Fee: $6.00 (National Latin Exam).

AP LATIN
Grades 12

Prerequisites: Latin III with a “B” or better.

1 Credit. One Year.

AP Latin is designed to provide advanced high school students with a rich and rigorous Latin course, approximately equivalent to an upper-intermediate (typically fourth or fifth semester) college or university Latin course. With explicit attention to developing skills for reading, translating, and analyzing Latin texts, as well as demonstrating contextual knowledge, making connections to other disciplines, and making comparisons between Latin and English usages. The course also helps students reach beyond translation to read with critical, historical, and literary sensitivity. It is hoped that when exposed to the characteristic method of classical philology, with its rigorous attention to linguistic detail coupled with critical interpretation and analysis, students will be able to apply the skills they acquire in this course to many areas of learning and professional pursuits. The AP exam is a requirement of the course.

Fee: $6.00 (National Latin Exam).
All textbooks and reading required plus AP Exam.
AP Exam Fee (approximately $94). Required.
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<td>503</td>
<td>Child Development</td>
<td>10, 11, 12</td>
<td>0.50</td>
<td>See course description</td>
</tr>
<tr>
<td>504</td>
<td>Global Foods</td>
<td>12</td>
<td>0.50</td>
<td>None</td>
</tr>
<tr>
<td>505</td>
<td>Personal Wellness</td>
<td>10, 11, 12</td>
<td>0.50</td>
<td>See course description</td>
</tr>
<tr>
<td>506</td>
<td>Career &amp; College Readiness</td>
<td>10, 11, 12</td>
<td>0.50</td>
<td>See course description</td>
</tr>
<tr>
<td>507</td>
<td>Intro to Textiles &amp; Interior Design</td>
<td>10, 11, 12</td>
<td>0.50</td>
<td>None</td>
</tr>
<tr>
<td>GRADS:</td>
<td>Graduation Reality and Dual-Role Skills</td>
<td>9, 10, 11, 12</td>
<td>0.50</td>
<td>Permission of counselor</td>
</tr>
</tbody>
</table>

**SKILLS FOR LIFE: INTRO TO FCS**

Grades 9, 10

Prerequisites: Not to be taken with any other Family Consumer Science Course with the exception of GRADS

1¼ Credit. One Year.

Year long course with a focus of providing introductory skills in four areas of Family & Consumer Sciences: 1. Career investigation & preparation, 2. Nutrition and cooking, 3. Family, relationships, & child development and 4. Personal finance. Additional key components include: leadership and teamwork skill development, service learning, and participation in FCCLA. Topics & Projects include:

- **Career:** Interest and skill inventories to determine career cluster and occupation matches; career plan developed through occupation and education research, and creation of employment tools such as reference document and application information document
- **Nutrition:** Basics of nutrients, caloric and activity balance, and kitchen & food safety, and Cooking Labs demonstrating safe food handling, recipe reading and preparation skills
- **Family, Relationships, & Child Development:** Parent for a weekend “Baby Project “or fictional teen parent reading project, and introduction to basics of interior & fashion design
- **Personal Finance:** banking & credit services, and purchasing decisions & consequences
- **FCCLA, Leadership & Teamwork:** Service Learning project 10 hours outside the classroom based on State/National FCCLA guidelines with an opportunity for participation in regional, state and national conferences and competitions

Career Technical Education Student Organization FCCLA (Family, Career, and Community Leaders of America) is an integral part of the class and involves service learning inside and outside the classroom.

Fee: $30 consumable supplies.
### CHILD DEVELOPMENT (503)

#### Grades 10*, 11, 12

<table>
<thead>
<tr>
<th>Prerequisites:</th>
<th>*Sophomores must have taken “Skills for Life-Intro to FCS,” unless given permission by instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit</td>
<td>½ Credit. One Semester.</td>
</tr>
</tbody>
</table>

Semester course with a focus on child development, wellness, child care, pregnancy and parenting. Content is especially beneficial for students considering a profession in teaching or child care. Topics & Projects include:
- Parenting Simulation- 4 day “baby” simulation or independent research project
  - Healthy food choices- pregnancy, infants & preschoolers
  - Development stages- skills, encouraging growth, recognizing problems
  - Reproduction & Pregnancy
  - Class Project activity/reading/teaching project.

Career Technical Education Student Organization FCCLA (Family, Career, and Community Leaders of America) is an integral part of the class.

Fee: $10.00 (consumable supplies).

---

### GLOBAL FOODS (504)

#### Grade 12

<table>
<thead>
<tr>
<th>Prerequisites:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit</td>
<td>½ Credit. One Semester.</td>
</tr>
</tbody>
</table>

Semester course with a focus on acquiring skills to safely and effectively prepare food; identify and develop healthy lifestyle practices related to nutrition, activity and overall personal wellness; and to explore cultural differences related to food and prepare and taste foods from various cultures. Students will complete State of Ohio, Knox County Health Department, “Person in Charge,” safe food handling program with opportunity for credential. Must be willing and interested in trying new foods.

Topics & Projects include:
- Basics of kitchen safety, food safety, recipe reading, meal planning, table setting & etiquette
- Individualized nutrition & wellness plan/goals
- Cooking Labs- 6 to 12 each 9 weeks
- “Person in Charge” State Certificate

Career Technical Education Student Organization FCCLA (Family, Career, and Community Leaders of America) is an integral part of the class.

Fee: $35.00 (consumable supplies).
PERSONAL WELLNESS
Grades 10*, 11, 12

Prerequisites: *Sophomores must have taken “Skills for Life-Intro to FCS,” unless given permission by instructor.

½ Credit. One Semester. May qualify for Health Class graduation requirement

Semester course with a focus on developing critical thinking skills, personal health & wellness across the lifespan, food & nutrition, including cooking labs, relationships, and mental health.

Topics & Projects include:
- Basics of kitchen & food safety and preparation
- Cooking Labs- 4 to 8 throughout the semester
- Analyzing personal wellness and developing wellness plan/goals
- Evaluating relationships & developing communication skills

Career Technical Education Student Organization FCCLA (Family, Career, and Community Leaders of America) is an integral part of the class.

Fee: $20.00 (consumable supplies).

CAREER & COLLEGE READINESS
Grades 10*, 11, 12

Prerequisites: *Sophomores must have taken “Skills for Life-Intro to FCS,” unless given permission by instructor.

½ Credit. One Semester.

Semester course with a focus on preparing the student for entering the job force and/or college, training or education after high school.

Student projects include:
- Personal interest and skill inventories to determine likely career and occupation matches.
- Individual Job Shadow experience
- Exploration of postsecondary options, admissions requirements & qualifications, including private & public schools, military, and ACT, SAT and ASVAB tests.
- Creation of employment tools such as resume, application letter, reference document, mock interview.
- Practice with applications & interviewing
- Professionalism, networking conflict-resolution, negotiation, leadership, entrepreneurship, financial goal setting, and overall health and wellness will be covered.

Career Technical Education Student Organization FCCLA (Family, Career, and Community Leaders of America) is an integral part of the class.

Fee: $10.00 (consumable supplies).
Prerequisites: None

½ Credit. One Semester.
May qualify for Fine Art graduation credit requirement.

Semester course focused on exploring topics and skills related to textiles and design in the world of fashion and interiors. Through both individual and project collaboration students will develop leadership, team, and critical thinking skills in addition to art and design skills. This course involves math measurement and minimal geometry skills. Students should expect to allocate time outside the classroom to complete projects.

Topics & Projects include:
- Basics of elements & principles of design
- Fabric evaluation characteristics applied to design and construction for 1 fashion item and 1 interior item.
- Alter and/or repair clothing or household textile product
- Repurpose, redesign or create a clothing or household textile product
- Design an organized storage system for the household (in digital or paper format)
- Identify and use appropriate cleaning products and techniques for home environment

Career Technical Education Student Organization FCCLA (Family, Career, and Community Leaders of America) is an integral part of the class.

Fee: $10.00 (consumable supplies). Students will need to provide their construction product materials.

GRADS: Graduation Reality and Dual-Role Skills
Grades 9, 10, 11, 12

Prerequisites: Permission of school counselor

½ Credit. Year long meeting 3 times per week

May take multiple years

Year long course with open enrollment. Credit awarded based on attendance and completion of material. Course is limited to pregnant and parenting males and females; designed to help students remain in school while developing positive parenting skills. Topics & Projects include:
- Child Growth & Development
- Career exploration & preparation
- Parenting styles & responsibilities
- Financial management
- Community resource identification
- Construction of developmentally appropriate toy
- Construction of record keeping system for growth, and for family management

Career Technical Education Student Organization FCCLA (Family, Career, and Community Leaders of America) is an integral part of the class.

Fee: None. Students may need to provide some materials for toy construction project.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Open to Grades</th>
<th>Credit</th>
<th>Prerequisites(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>520</td>
<td>Industrial Tech. I</td>
<td>9, 10, 11, 12</td>
<td>1.00</td>
<td>None</td>
</tr>
<tr>
<td>521</td>
<td>Industrial Tech. II</td>
<td>10, 11, 12</td>
<td>1.00</td>
<td>Int. Tech I w/“C” or better</td>
</tr>
<tr>
<td>522</td>
<td>Intro to CNC Machining</td>
<td>10, 11, 12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
</tbody>
</table>

**520 INDUSTRIAL TECHNOLOGY I**
Grades 9, 10, 11, 12

Prerequisites: None.

1 Credit. One Year.

This course is designed to teach students how to plan for and make several woodworking projects over the course of the year. Students will learn about and use tools and machines relating to the woodworking field.

Fee: $20.00 (consumable supplies)

**521 INDUSTRIAL TECHNOLOGY II**
Grades 10, 11, 12

Prerequisites: Industrial Technology I with a “C” or better or teacher recommendation.

1 Credit. One Year.

This course is for those students wishing to take a second year of Industrial Technology. Students will be completing individual and mass production projects. Students will complete a fix or repair project of a personal home need. Students will be introduced to computer numerical controlled machining and incorporate the CNC router into a project. Students will also be required to complete a community service oriented project utilizing the skills acquired during their technology lab experiences.

Fee: $25.00 (consumable supplies) There may be a charge for some individual projects in addition to the lab fee.

**522 INTRO TO CNC MACHINING**
Grades 10, 11, 12

Prerequisite: Industrial Technology I, Algebra I with a “C” or better.

1 Credit. One Year.

This course is designed to “Introduce you to CNC Machining”, which uses numerical data to control a machine.

This introductory class provides students with an understanding of the principles of CNC. Students gain experience and familiarity with the programming, setup and operation of the CNC Router.

Fee: $25.00 (consumable supplies)
Since 1912 students at Mount Vernon High School have had the opportunities to learn about careers in Agriculture. The subject matter includes natural resources, agricultural mechanics, marketing, biotechnology, leadership, food, animal, plant, horticulture, and environmental sciences. Each class consists of three areas: Agriculture Education (class/lab), Supervised Agricultural Experience (SAE) and being a member of the local, State, and National FFA Organization. Students can earn one science credit by taking two years of Agriculture Education. College credit is also available from selected courses in Agriculture Education. We have college Articulation agreements with Central Ohio Technical College, Wilmington College, and Clark State Community College.

**AGRISCIENCE COURSE OFFERING SCHEDULE**

AG I and AG II are offered every year. The remaining courses are offered every other year as shown on the schedule below.

<table>
<thead>
<tr>
<th>Course</th>
<th>2020-2021</th>
<th>2021-2022</th>
<th>2022-2023</th>
<th>2023-2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Resources - 536</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Vet Science – 537</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Livestock – 538</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Business Management - 533</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code #</th>
<th>Course Title</th>
<th>Grades</th>
<th>Credit</th>
<th>Prerequisites(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>530</td>
<td>Agriscience I</td>
<td>9, 10</td>
<td>1.25</td>
<td>None</td>
</tr>
<tr>
<td>533</td>
<td>Business Mgmt. for Ag. &amp; Envir.</td>
<td>10, 11, 12</td>
<td>1.25</td>
<td>Agriscience I</td>
</tr>
<tr>
<td></td>
<td>(not offered 2020-21)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>536</td>
<td>Natural Resources</td>
<td>10, 11, 12</td>
<td>1.25</td>
<td>See course description</td>
</tr>
<tr>
<td>537</td>
<td>Vet Science</td>
<td>10, 11, 12</td>
<td>1.25</td>
<td>See course description</td>
</tr>
<tr>
<td>538</td>
<td>Livestock Selection, Nut. And Mgmt.</td>
<td>10, 11, 12</td>
<td>1.25</td>
<td>See course description</td>
</tr>
<tr>
<td></td>
<td>(not offered 2020-21)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**AGRISCIENCE I**

**Agriculture, Food and Natural Resources**

**Grades 9, 10**

Prerequisites: None.

1 ¼ Credit. One Year.

This is the first course in the Agriculture and Environmental System career field. It introduces students to the pathways that are offered in the Agriculture and Environmental System career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resources management, animal science, and management, plant and horticulture science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability. Students will learn skills in basic wood and metal working. Students will also complete a Supervised Agricultural Experience project done outside of the classroom.

Fee: $26.00 (consumable supplies).
BUSINESS MANAGEMENT FOR AGRICULTURAL AND ENVIRONMENTAL SYSTEMS

(not offered 2020-2021)

Grades 10, 11, 12

Prerequisites: Agriscience I and II with a passing grade or permission of instructor.

1 ¼ credit. One Year.

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

Fee: $26.00 (consumable supplies)

NATURAL RESOURCES

Grades 10, 11, 12

Prerequisites: Completion of Agriscience I and II with a passing grade or permission of instructor

1 ¼ Credit. One Year.

Students will apply science principles and management practices to the protection of renewable and nonrenewable natural resources. Students will learn fundamentals of land use as well as watershed, wildlife, fishery and forest management. Furthermore, students will learn management practices related to managing air and water quality along with requirements for managing solid and liquid waste. Throughout the course, students will apply communications, business principles and leadership skills.

Fee: $26.00 (consumable supplies)

VET SCIENCE

Grades 10, 11, 12

Prerequisites: Completion of Agriscience I and II with a passing grade or permission of instructor

1 ¼ Credit. One Year.

Students will examine the structure and function of the major organ systems as well as the function and principle of blood flow in animals. Students will study internal and external anatomical parts, their functions, and will investigate the relationship among these parts and systems within the body of animals. Throughout the course, students will apply the internal functions of anatomical structures to the business and industry principles of the animal industry.

Fee: $26.00 (consumable supplies)
Prerequisites: Completion of Agriscience I with a passing grade or permission of instructor.

1 ¼ Credit. One Year.

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

Fee: $26.00 (consumable supplies)
The Mathematics Department offers a traditional approach to mathematics advocating a curriculum rich in algebra and geometry. The curriculum includes Algebra I, Geometry, Algebra II, Pre-calculus, Calculus and both remedial and enrichment opportunities. In order to prepare students for the math EOC Assessment, all traditional students will take Algebra I as freshmen. Students who took Algebra I in the eighth grade will take Geometry Honors as freshmen and Algebra II Honors as sophomores. Students who excel in mathematics have the opportunity to take Advanced Placement classes in Calculus and Statistics, with PreCalculus offered through NCSC. Because of the new EOC Assessments a TI84 calculator is used for all math classes.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Open to Grades</th>
<th>Credit</th>
<th>Prerequisites(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>602</td>
<td>Algebra I</td>
<td>9</td>
<td>1.00</td>
<td>8th grade math</td>
</tr>
<tr>
<td>603</td>
<td>Algebra II Honors</td>
<td>10</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>605</td>
<td>Geometry Fundamental</td>
<td>10, 11</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>606</td>
<td>Geometry</td>
<td>9, 10, 11</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>607</td>
<td>Geometry Honors</td>
<td>9</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>608</td>
<td>Algebra II Fundamental</td>
<td>11, 12</td>
<td>1.00</td>
<td>Geometry or Geometry Fund.</td>
</tr>
<tr>
<td>609</td>
<td>Algebra II</td>
<td>11, 12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>610</td>
<td>College Prep/Alg. Review</td>
<td>12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>611</td>
<td>Pre-Calculus</td>
<td>11, 12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>612</td>
<td>Pre-Calculus Honors</td>
<td>11</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>613</td>
<td>Calculus</td>
<td>12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>614</td>
<td>AP Calculus</td>
<td>12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>615</td>
<td>AP Statistics</td>
<td>11, 12</td>
<td>1.00</td>
<td>Algebra II w/&quot;B&quot; or better</td>
</tr>
</tbody>
</table>

602  ALGEBRA I  602

Grade 9

Prerequisites: 8th grade math.

1 Credit. One Year.

Algebra I extends the principles of arithmetic by working with variables with an emphasis on the structure of mathematics. Topics include signed numbers, equations, graphing, factoring, and exponents. Operations involving a graphing calculator will be explored. TI-84 calculator is required.

Fee: None

603  ALGEBRA II HONORS  603

Grade 10

Prerequisites: 9th Grade Geometry Honors with a "B" or better and teacher recommendation.

1 Credit. One Year.

This course builds upon Algebra I concepts. Additional topics include irrational and complex numbers, analytic geometry, graphing, logarithmic series and sequences, permutations and combinations, trigonometry and conic sections. TI-84 calculator is required.

Fee: None
Prerequisites: Algebra 1 grade below a “C-” or Algebra B, or teacher or counselor recommendation.

1 Credit. One Year.

This is a geometry course that helps student’s master geometric concepts in a rich contextual environment. Real-world and workplace applications throughout the program provide students with a relevant way of translating geometry from an abstract, theoretical approach to a concrete, applied approach. This program gradually introduces students to informal and formal proofs. TI-84 calculator is required.

Fee: None

GEOMETRY
Grade 9, 10, 11

Prerequisites: Algebra I (9th grade) with a “C” or better, 8th grade Algebra I with “B-” or “B”, or Algebra B with a “B+” or better.

1 Credit. One Year.

Geometry studies the properties of polygons, circles and solids. Emphasis is on use of proof. Both plane and solid geometry are covered.

Fee: None

GEOMETRY HONORS
Grade 9

Prerequisites: 8th grade Algebra I with “B+” and teacher recommendation.

1 Credit. One Year.

Geometry studies the properties of polygons, circles and solids. Emphasis is on use of proof. Both plane and solid geometry are covered. TI-84 calculator is required.

Fee: None

ALGEBRA II FUNDAMENTAL
Grade 11, 12

Prerequisite: Geometry Fundamental or Geometry.

1 Credit. One Year.

Algebra II Fundamental is a survey of mathematics course. This course will cover concepts in proof, sequences, functions and their graphs, logarithms, symmetry, polygons and polyhedra, mathematical curves including sine, probability, statistics and topology. Additional Algebra II topics covered are linear and quadratic equations, inequalities, inverse functions, and polynomials. TI-84 calculator is required.

Fee: None
Prerequisites: Algebra I and Geometry with a “C” or better.

1 Credit. One Year.

This course builds upon Algebra I concepts. Additional topics include irrational and complex numbers, analytic geometry, graphing, logarithmic series and sequences, permutations and combinations, and trigonometry. TI-84 calculator is required.

Fee: None

610  COLLEGE PREP/ALGEBRA REVIEW
Grade 12

Prerequisites: Algebra II with a “C” or Algebra II Fundamental with a “B+” or better.

1 Credit. One Year.

This course is intended for seniors who are preparing for post-secondary enrollment. It will be an Algebra based curriculum which will include preparation for ACT and SAT. Emphasis will be on problem solving and will include statistics. TI-84 calculator is required.

Fee: None

611  PRE-CALCULUS
(College Preparatory – NCSC Option)
Grades 11, 12

Prerequisites for MVHS: Algebra II with a “B” or better or with department chairman recommendation. Prerequisites for NCSC: Acceptance by NCSC.

MVHS: 1 Credit. One Year.
NCSC: Course MATH 1110 & MATH 1130

Pre-Calculus is a course which includes Trigonometry and Analytical Geometry and is designed to prepare the serious math student to take Calculus. Theory as well as practical applications will be stressed. Graphing utilities will be used to enhance instruction and problem-solving, not replace them. TI-84 calculator is required.

Fee: None

612  PRE-CALCULUS HONORS
(College Preparatory – NCSC Option)
Grade 11

Prerequisites for MVHS: Algebra II Honors with a “B” or better and teacher recommendation. Prerequisites for NCSC: Acceptance by NCSC.

MVHS: 1 Credit. One Year.
NCSC: Course MATH 1110 & MATH 1130

Pre-Calculus is a course which includes Trigonometry and Analytical Geometry and is designed to prepare the serious math student to take Calculus. Theory as well as practical applications will be stressed. Graphing utilities will be used to enhance instruction and problem-solving, not replace them. TI-84 calculator is required.

Fee: None
613  CALCULUS  613
Grade 12

Prerequisites:  Pre-Calculus with a “B” or better.
Pre-Calculus Honors with a “C” or better.

1 Credit.  One Year.

This course is designed for students who have successfully completed Algebra I, Algebra II, Geometry and PreCalculus. Topics covered will include limits, derivatives and integrals with more emphasis on application and less on theory.  TI84 calculator is required.

Fee:  None

614  AP CALCULUS  614
Grade 12

Prerequisites:  Pre-Calculus Honors with a “B” or better and recommendation of Department Chair.

1 Credit.  One Year.

This course is designed for students who have successfully completed Honors Algebra I, Algebra II, and Pre-Calculus and will continue to study mathematics due to their career choices. Topics covered will include the following major areas: functions, differential calculus, and integral calculus. This is a rigorous course for the competent student of mathematics. The Advanced Placement Test, given in the spring, is required. TI-84 calculator is required. This class carries an additional 1.0 weight.

Fee:  $94.00 for the AP Exam (approximately) Required Fee: $20.00 (AP Review Book)

615  AP STATISTICS  615
Grades 11, 12

Prerequisites:  Algebra II with a “B” or better and teacher recommendation.

1 Credit.  One Year.

This course is designed to introduce students to the subject of statistics with an emphasis on statistical inference. Topics covered will fall into the following categories: Definitions and concepts used in statistics, the mathematics of statistics, the applications of statistics in the real world, and the use of the computer and/or calculator as a tool in statistics. TI-84 calculator is required. This class carries an additional 1.0 weight. AP Test required.

Fee:  None
AP Test Fee – approximately $94.00.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Open to Grades</th>
<th>Credit</th>
<th>Prerequisites(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>649</td>
<td>Chorale</td>
<td>9, 10, 11, 12</td>
<td>0.50</td>
<td>Audition</td>
</tr>
<tr>
<td>650</td>
<td>Chorale</td>
<td>9, 10, 11, 12</td>
<td>0.50</td>
<td>Audition</td>
</tr>
<tr>
<td>651</td>
<td>Women’s Chorus</td>
<td>9, 10, 11, 12</td>
<td>0.50</td>
<td>None</td>
</tr>
<tr>
<td>652</td>
<td>Women’s Chorus</td>
<td>9, 10, 11, 12</td>
<td>0.50</td>
<td>None</td>
</tr>
<tr>
<td>653</td>
<td>Music Theory</td>
<td>11, 12</td>
<td>0.50</td>
<td>See course description</td>
</tr>
<tr>
<td>654</td>
<td>Orchestra (Concert)</td>
<td>9, 10, 11, 12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>655</td>
<td>Orchestra (Symphonic)</td>
<td>9, 10, 11, 12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>656</td>
<td>Band (Concert)</td>
<td>9, 10, 11, 12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>659</td>
<td>Band (Symphonic)</td>
<td>9, 10, 11, 12</td>
<td>1.00</td>
<td>See course description</td>
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<tr>
<td>662</td>
<td>Piano Lab</td>
<td>9, 10, 11, 12</td>
<td>0.50</td>
<td>None</td>
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<tr>
<td>663</td>
<td>Trends in Popular Music</td>
<td>9, 10, 11, 12</td>
<td>0.50</td>
<td>None</td>
</tr>
</tbody>
</table>

**CHORALE**

Grades 9, 10, 11, 12

Prerequisites: Students are only admitted to Chorale by director approval through an individual audition process.

1 Credit. One Year.

½ Credit. One Semester.

Open to men in grades 9 – 12 and women in 10 – 12, this select group of singers will perform a wide variety of styles and forms of choral literature. Students are selected on an audition basis. Attention to the details of choral singing will be stressed as well as improving musicianship. Attendance at performances is mandatory. Students enrolled in the second semester are eligible to participate in Solo and Ensemble Contest as well. As part of a required concert, this group will have the opportunity to work with and/or be heard by a music professional(s) from outside the district.

Fee: $25.00 (consumable supplies)

**WOMEN’S CHORUS**

Grades 9, 10, 11, 12

Prerequisites: None.

1 Credit. One Year.

½ Credit. One Semester.

Open to ladies in grades 9 – 12. In this group, the development of sound vocal techniques is emphasized. Various styles and periods of music will be covered during the year. Attendance at performances is mandatory. Students enrolled in the second semester are eligible to participate in Solo and Ensemble Contest as well. As part of a required concert, this group will have the opportunity to work with and/or be heard by a music professional(s) from outside the district.

Fee: $25.00 (consumable supplies)
Prerequisites: Participation in a performing ensemble or permission of instructor. Must be able to read music, either treble or bass clef. Must pass pre-test.

½ Credit. One Semester.

Students will be introduced to and develop skills in the fundamentals of music including chord progressions, ear training and composition. This course will help prepare the serious musician for college theory as well as help the less serious music student develop a knowledge of scales and chords necessary for writing songs or improvisation. Music technology programs are also explored.

Fee: $26.00 (workbook)

Prerequisites: Previous participation in orchestra or private instruction on a string instrument (violin, viola, cello, string bass) leading up to the year of participation. Students not involved in a previous music program must receive director approval through an audition process.

1 Credit. One Year.

The MVHS Orchestra is a performance-based ensemble that develops playing skills and musicianship through a variety of orchestral literature. Students in this class will have daily rehearsals, individual performance assessments, at least four out-side-the-school-day performances, and a required performance at commencement. As part of a required concert, this group will have the opportunity to work with and/or be heard by a music professional(s) outside the district.

Fee: $25.00 (consumable supplies)

Prerequisites: Previous participation in orchestra or private instruction on a string instrument (violin, viola, cello, string bass) leading up to the year of participation. Students are only admitted to Symphonic Orchestra by director approval through an individual audition process.

1 Credit. One Year.

The MVHS Symphonic Orchestra is a performance-based ensemble that develops advanced playing skills and musicianship through a variety of advanced orchestral literature. Throughout the year, select members of the Symphonic Band will combine with the strings to create a full orchestra experience. Students in this class will have daily rehearsals, individual performance assessments, at least four outside-the-school-day performances, and a required performance at commencement. Students are placed in the Symphonic Orchestra through an individual audition process. As part of a required concert, this group will have the opportunity to work with and/or be heard by a music professional(s) from outside the district.

Fee: $25.00 (consumable supplies)
Prerequisites: Previous participation on a musical instrument or private instruction. Students not involved in a previous music program must receive director approval through an audition process.

1 ¼ Credit. One Year.

The MVHS Concert Band is a comprehensive course covering the entire school year. All students in Concert Band will participate in marching band in the fall and concert band in the winter and spring. The marching band provides an exciting musical atmosphere and half-time shows for all varsity football games. In addition, the marching band performs at various parades and civic events throughout the year. The Concert Band is committed to playing the finest in educational and standard band literature in four or more formal concerts a year. As part of a required concert, this group will have the opportunity to work with and/or be heard by a music professional(s) from outside the district.

Fee: $25.00 (consumable supplies)
Marching Band accessories, refer to band handbook.

Prerequisites: Previous participation on a musical instrument or private instruction. Students are only admitted to Symphonic Band by director approval through an individual audition process.

1 ¼ Credit. One Year.

The MVHS Symphonic Band is a comprehensive course covering the entire school year. All students in Symphonic Band will participate in marching band in the fall and symphonic band in the winter and spring. The marching band provides an exciting musical atmosphere and half-time shows for all varsity football games. In addition, the marching band performs at various parades and civic events throughout the year. The Symphonic Band is committed to playing advanced educational and standard band literature. The Symphonic Band performs in four or more formal concerts plus district contest each year. Students are placed in symphonic band through an individual audition process. As part of a required concert, this group will have the opportunity to work with and/or be heard by a music professional(s) from outside the district.

Fee: $25.00 (consumable supplies)
Marching Band accessories, refer to band handbook.

Prerequisites: None or very limited piano experience.

½ Credit. One Semester.

Beginning Piano Lab is designed for students with no or very limited experience in piano keyboarding. Students will learn basic keyboard skills, note identification, meter, and key signatures, as well as basic techniques of keyboard playing such as hand position, touch, and phrasing. Students will learn to play simple pieces from all musical styles and will perform for the instructor and each other on a regular basis. Students will progress at their own rate. Class size is limited to 15 students. (stereo headphones are required)

Fee: $21.00 (book)
Prerequisites: None.

½ Credit. One Semester.

Trends in Popular Music is a project-based study of American Popular Music in the 20th and 21st centuries. From blues and country to punk, rap, and heavy metal, students will familiarize themselves with landmark groups, their music, and the technology used to create it. Students will have weekly reading and writing assignments as well as projects to complete for each unit.

Fee: None
<table>
<thead>
<tr>
<th>Course Code #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Prerequisites(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>690</td>
<td>Physical Education</td>
<td>0.25</td>
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<tr>
<td>692</td>
<td>Health</td>
<td>0.50</td>
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</tr>
<tr>
<td>691</td>
<td>Lifetime Sport &amp; Fitness</td>
<td>0.25</td>
<td>P.E. Requirements</td>
</tr>
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</table>

### 690 PHYSICAL EDUCATION

#### Grades 9, 10

Prerequisites: None.

¼ Credit. One Semester.

Physical Education curriculum follows the adapted national and state standards. Fitness Gram data analysis is utilized. Students will be evaluated using the Standards 1–5, Benchmarks A & B Assessment Packet.

Some class activities include:

- Physical Fitness/Wellness Center
- Pickleball
- Aerobics

- (Weight Training & Conditioning)
- Touch Football
- Ultimate Frisbee

- Badminton
- Soccer
- Softball

- Volleyball
- Basketball
- Bowling

- Fitness Testing

Courses are taught in a co-educational format.

Fee: $11.00 (consumables)

### 691 LIFETIME SPORT & FITNESS

#### Grades 10, 11, 12

¼ Credit. One Semester

Prerequisites: Physical Education Requirements

Students will participate in a variety of activities. Students will be evaluated using the Standards 1–5 Benchmarks A & B Assessment Packet.

This course will be a combination of advanced gameplay of individual and team sports along with the development of personal fitness. Students will benefit from cardiorespiratory endurance activities geared towards their personal physical fitness goals. Lifetime sport will include the development of advanced skills, strategies, and gameplay for individual and team sports and activities. Also included, will be the development and implementation of personal fitness concepts for a healthy lifestyle into adulthood. A wide range of sports, games, and activities will be used to increase personal fitness and enjoyment of physical activity. Must be able to follow instructions with no behavior issues.

Courses are taught in a co-educational format.

Fee: $11.00 (Consumables)
Prerequisites: None.

½ Credit. One Semester.

The general areas covered are: physical health, social health, mental health, physical fitness, nutrition, heart disorders, cancer and other degenerative diseases, infectious diseases (including sexually transmitted diseases), Family Planning & Abstinence Education, sexual assault and bullying, drugs, including alcohol and tobacco. A research paper and presentation is required as part of this course.

Note: The health curriculum will follow the adopted national standards.

Fee: None
The science faculty recommends the following sequence of courses to all college-bound students: Biology, Chemistry, and Physics. Students with interests in science that may include career choices should consider enrolling in other science and math courses as their schedules permit.

**SCIENCE COURSE OFFERING SCHEDULE**

Environmental Studies will be offered every other year. Please refer to the schedule below.

<table>
<thead>
<tr>
<th>Course</th>
<th>2020 – 2021</th>
<th>2021 - 2022</th>
<th>2022-2023</th>
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<tr>
<td>Forensic II – 707</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Meteorology – 708</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Environmental Studies – 710</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<table>
<thead>
<tr>
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<th>Course Title</th>
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<th>Credit</th>
<th>Prerequisites(s)</th>
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<tr>
<td>700</td>
<td>Applied Science</td>
<td>9, 10</td>
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<td>701</td>
<td>Biology</td>
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<td>702</td>
<td>Physical Science</td>
<td>10</td>
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<tr>
<td>703</td>
<td>Earth Science</td>
<td>11, 12</td>
<td>1.00</td>
<td>Physical Science</td>
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<tr>
<td>704</td>
<td>Geology</td>
<td>10, 11, 12</td>
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<td>Biology with a “C” or better</td>
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<td>705</td>
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<td>1.00</td>
<td>Biology with a “B” or better</td>
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<td>Biology with a “C” or better</td>
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<td>Forensic Science 2</td>
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<tr>
<td>710</td>
<td>Environmental Studies</td>
<td>10, 11, 12</td>
<td>0.50</td>
<td>Biology or Geology</td>
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<td></td>
<td>(not offered 2020-2021)</td>
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<td>711</td>
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<td>712</td>
<td>Chemistry</td>
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<td>713</td>
<td>KAP Chemistry</td>
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<td>714</td>
<td>Physics</td>
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<tr>
<td>715</td>
<td>AP Physics I</td>
<td>11, 12</td>
<td>1.00</td>
<td>See course description</td>
</tr>
<tr>
<td>716</td>
<td>Robotics</td>
<td>10, 11, 12</td>
<td>1.00</td>
<td>See course description</td>
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<tr>
<td>717</td>
<td>Drone Technology</td>
<td>11, 12</td>
<td>1.00</td>
<td>See course description</td>
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</tbody>
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**700  APPLIED SCIENCE  700**

**Grade 9**

Prerequisite: Teacher recommendation or a grade “C+” or lower in 8th grade by the 2nd quarter.

1 Credit. One Year.

This foundation course is for those students needing further science study and mastery prior to enrolling in the biology course. In this preparatory course, emphasis is placed on an introduction to topics in both chemistry and biology. The following topics will be emphasized: understanding atomic structure, reading the periodic table, understanding chemical formulas, bonding and reactions, how organisms maintain homeostasis, connections between DNA, chromosomes and inheritance, introduction to genetics, biotechnology, and interpreting cladograms. Students will also practice science skills such as interpreting graphs and data tables, making predictions, explaining data and forming conclusions.

Fee: $20.00 (consumable laboratory supplies)
Prerequisite: 9th graders seeking concurrent enrollment in Chemistry must have an 8th grade 1st semester average of an "A" and have advanced scores on both the ELA and Math seventh grade state assessments. Incoming freshman not seeking concurrent enrollment with Chemistry must have a “B-” average in 8th grade science by the 2nd quarter. 10th grade students must have completed Applied Science.

1 Credit. One Year.

Biology is the study of living things. In this foundation course, emphasis is placed upon the nature of science, chemistry of life, the cell, (types, structures and chemistry), ecosystems and the environment, genetics, evolution and the characteristics of plants and animals. Study includes microscopic examination of cells, their chemistry and genetic information; observation of various invertebrate animals; comparative studies of complex animals, including their evolution; and the variety of simple and complex plants, including their evolution.

Fee: $20.00 (consumable laboratory supplies)

Prerequisites: Biology. Students taking or having completed Applied Science are not eligible for this course.

1 Credit. One Year.

Physical Science is a course designed to fulfill the needs of students who require further development of their science reasoning skills. Emphasis is placed on problem solving, use of the scientific method, and practical applications of science. A "hands-on" approach to laboratory work and exposure to various scientific procedures is provided. Students will investigate important and fundamental aspects of physics, chemistry, earth science, and space science. The nature of science, the history of important scientific ideas and new scientific discoveries will be investigated. Use of technology and scientific writing skills are emphasized.

Fee: $10.00 (consumable laboratory supplies)

Prerequisites: Physical Science or Applied Science and Biology.

1 Credit. One Year.

Earth Science is an introduction to the science of the earth - rocks, soils and water. This is a lab-oriented course designed to encourage the development of processing skills, and an understanding of scientific ideas. This course will encourage students to be more aware of their physical environment. Core geological concepts such as: mapping, ground and surface water, weathering and erosion, rocks and minerals, volcanism and earthquakes, as well as environmental issues, are taught with a hands-on approach.

Students who have previously enrolled in Geology are not eligible for this class.

Fee: $10.00 (consumable laboratory supplies)
**GEOLOGY**

Grades 10, 11, 12

Prerequisites: Biology with a “C” or better.

1 Credit. One Year.

Geology is the science of the earth - the rocks, soils and water. This is a lab-oriented course for both the college and noncollege bound student. This course will attempt to make students more aware of their physical environment. Topics studied will be mapping, ground and surface water, weathering and erosion, rocks and minerals, volcanism, earthquakes and plate tectonics, fossils and earth history, as well as environmental issues.

Fee: $12.00 (consumable laboratory supplies)

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**AP BIOLOGY**

Grades 10, 11, 12

Prerequisites: Biology with a grade of “B”; Chemistry recommended but not required.

1 Credit. One Year.

This course is designed for students who have successfully completed Biology I and will continue to study biology due to their career choices. The AP Biology course is designed to be the equivalent of a college introductory Biology course usually taken by Biology majors during their first year. After showing themselves to be qualified on the AP examination, some students, as college freshmen, are permitted to undertake upper-level courses in Biology. Topics covered will include: molecules and cells, heredity and evolution, organisms and populations. This is a rigorous course, which aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of Biology. The Advanced Placement Test is required. A required parent meeting will be scheduled in the Spring. If parent is unable to attend, arrangements need to be made with the instructor.

Fee: $95.00 AP Exam (approximately). Required
Fee: $95.00 for lab supplies (there are specific labs required for this class by the college board.)

*Financial Aid may be available to qualifying students. Contact your counselor for more details.

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**FORENSIC SCIENCE 1**

(College Preparatory)

Grade 10, 11, 12

Prerequisites for MVHS: Biology with a “C” or better. It may be taken concurrently with Chemistry or Human Physiology. This course is different than Forensic Science 2.

½ Credit. One Semester.

This course is designed to use authentic assessments with students working in teams to solve problems using scientific knowledge and reasoning. It involves all areas of Science including Biology, Anatomy, Chemistry, Physics, and Earth Science with an emphasis in complex reasoning and critical thinking. In addition, students must incorporate the use of technology, communication skills, Language Arts, Art, Mathematics and Social Studies. Areas of focus include the analysis of: trace evidence, toolmarks, skeletons, prints, serology and the use of forensic science through history. This course has a strong academic emphasis and will require outside readings, research and projects.

Fee: $15.00 (consumable laboratory supplies)
FORENSIC SCIENCE 2
(College Preparatory)
Grade 10, 11, 12

Prerequisites: Biology with a “C” or better. It may be taken concurrently with Chemistry or Human Physiology. Forensic Science 1 is not a required prerequisite for this course.

½ Credit. One Semester.

This course is designed to use authentic assessments with students working in teams to solve problems using scientific knowledge and reasoning. It involves all areas of science including Biology, Anatomy, Chemistry, and Psychology with an emphasis in complex reasoning and critical thinking. In addition, students must incorporate the use of technology, communication skills, Language Arts, Art, Mathematics and Social Studies. Areas of focus include the analysis of: DNA, documents, forensic biology, toxicology and criminal profiling as well as the use of deductive reasoning and crime scene processing. This course has a strong academic emphasis and will require outside readings, research and projects.

Fee: $15.00 (consumable laboratory supplies).

ENVIRONMENTAL STUDIES (not offered 2020-2021)
Grades 10, 11, 12

Prerequisites: Biology and interest in the environment and outdoors. Can be taken concurrently with another science elective.

½ Credit. One Semester.

Students will study environmental problems on the local, national, and international level such as: air, water, and chemical pollution. The students will also study conservation, energy usage, human population growth, land use issues and biodiversity. Each student will present an individual project that promotes a healthier environment.

Fee: $10.00 (consumable laboratory supplies)

HUMAN PHYSIOLOGY
Grade 10, 11, 12
(College Preparatory – NCSC option)

Prerequisites for MVHS: Biology with a “B-“ or better, or approval of instructor. Chemistry recommended.
Prerequisites for NCSC: Acceptance by NCSC.

MVHS: One Credit. One Year.
NCSC: Course Bio 1730

This is a laboratory course covering the systems of the human body. Emphasis is placed on cellular and molecular biology, and the structure and function of human anatomy. Students will study the skeletal, muscular, nervous, circulatory, excretory, reproductive, endocrine, and digestive systems. Microscope, dissections, and biochemical lab skills will be developed.

Fee: $30.00 (consumable laboratory supplies)
Prerequisites: Biology and Algebra I with a “C” or better or permission of instructor. 9th graders seeking concurrent enrollment in Biology must have an 8th grade 1st semester average of an "A" and have advanced scores on both the ELA and Math 7th grade state assessments.

1 Credit. One Year.

Chemistry is a laboratory based course that explores the structure, properties, and interactions of matter. Students will apply their math skills to explore and understand the physical world. Emphasis will be placed on atomic structure and developing a conceptual and numerical understanding of chemical reactions. Fee: $10.00 (consumable laboratory supplies)

Fee: $10.00 (consumable laboratory supplies)

Prerequisites: Chemistry and Algebra II with a “B” or better in each course. Teacher recommendation required.

3.32 Credits. One Year. Twelve college semester hours.

KAP Chemistry is a further look at the chemical and physical properties of matter, concentrating on topics not covered or only introduced in Chemistry I. The course is designed for students entering college in a science, engineering, or medical field, or for students who just want to learn more chemistry. A must for student’s planning careers in Engineering, Chemistry, and Pharmacy. Strongly recommended for students who plan on majoring in other sciences or pre-med, or nursing.

Fee: $10.00 (consumable laboratory supplies)

Prerequisites: Algebra II with a “C” or better, Biology or approval of Physics teacher. 1 Credit. One Year.

This course involves the study of matter and energy, their relationship and changes. Topics will include: kinematics, dynamics, thermal effects, optics, acoustics, electrostatics, electricity and magnetism, electronics. Labs and demonstrations will be a major part of the course. Fee: $8.00 (consumable laboratory supplies)
AP PHYSICS I
Grades 11, 12

Prerequisites: Geometry and Algebra II with a “C” or better or approval of physics teacher.

1 Credit. One Year.

This AP Physics I course is designed to be the equivalent of a college introductory first semester college Physics course in Algebra-based Physics. The course establishes a comprehensive background for students interested in pre-med, applied, and life sciences. AP Physics provides pre-engineering students and physical science majors with the opportunity to acquire a solid background in Physics. Labs and formal lab reports are an integral part of this course. Some labs may require extended time. Students are strongly encouraged to present their lab reports, along with the AP Physics test score, when petitioning colleges for credit, advanced placement or both. Content area includes: Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

Fee: $94.00 AP Exam (approximately). Required.
$ 8.00 (consumable laboratory supplies)

*Financial Aid may be available to qualifying students. Contact your counselor for more details.

ROBOTICS
Grades 10, 11, 12

Prerequisite: Biology and Algebra I with a “C” or higher.

1 Credit. One Year.

This is a beginning course in Robotics. In this project-based course students will develop, build and program LEGO Mindstorm EV3 robots. Students will work hands-on in teams to design, build, program and document their progress. Student-designed robots will be programmed to complete a variety of tasks, such as navigating a maze, picking up and moving objects. Topics will include user interaction, motor control, gear ratios, torque, friction, sensors, timing, machine logic, decision-making, command sequences, and propulsion systems.

Fee: $10.00 (consumable laboratory supplies)

DRONE TECHNOLOGY
Grades 11, 12

Prerequisites: Biology & Algebra with a “C” or higher, or “B” or higher in Robotics. Must be 16 years of age by May 15th of the academic year.

1 Credit. One Year.

Drone Technology class provides students with an introduction to unmanned aerial systems (UAS) and their increasing role in today’s society. The course will combine science with engineering and programming through UAS applications. The course focuses on developing science, mathematics, piloting, and programming skills with hands-on lab experiences. Students will pilot drones, record aerial pictures, program flight paths, calculate trajectories, engineer flying machines, design electrical circuits, 3D print accessories, and launch projectiles.

This course also prepares students for the Federal Aviation Administration (FAA) Commercial Drone Pilot’s License exam through instruction in UAS applications, regulations, operations, and safety. A drone pilot license allows students to operate drones for profit freelance or as part of a corporation.

Fee: $15 consumable supplies.
Optional $150 drone pilot license exam fee.
The Social Studies Department of Mount Vernon High School is dedicated to meeting the needs of all learners and addressing different learning styles. A range of course offerings are designed to give students an understanding of the requirements of citizenship, the chronological relationship of events in creating history, and the place our nation and students occupy in the modern world. As freshmen, students take a World History class that focuses on the Modern era. As sophomores, students take a United States History class that focuses on events after 1877. The ninth and tenth grade courses are designed to enable each student to fulfill the Ohio Department of Education’s knowledge and skill criteria of the Ohio New Learning Standards (ONLS). Freshmen may take AP European History as a substitute for World History. Entrance is based on achievement test scores and teacher recommendation. These courses are required for graduation. As juniors, students take American Government. Under the new ONLS requirements, this course covers the two broad areas of government and economics. Through the study of world events, the founding documents of the United States, the basic principles of American Government, economics and financial literacy, students acquire necessary 21st century skills. An alternative to American Government is AP US Government and Politics/AP Comparative Government and Politics.

Our selection of elective courses is extensive and appeals to different interests and abilities of our students. The semester courses offered are Psychology, Regional and Cultural Geography, and Sports in American Society. These courses provide a broader background within the social studies curriculum. Accelerated and honors courses are also available. Mount Vernon High School partners with Kenyon College to offer Kenyon Academic Partnership (KAP) U.S. History. This is a year-long course available to selected sophomores, juniors and seniors. Entrance into KAP History is by recommendation only into the KAP history program and acceptance is determined by Kenyon College. Certain GPA and achievement test scores are prerequisites. Students completing this course will receive credit for Kenyon American History and will receive an official Kenyon College transcript. AP Government and Politics is available to juniors and seniors. COTC credit is offered in Psychology. Acceptance is based on GPA and COTC requirements. College credit will be given by the Central Ohio Technical College.

<table>
<thead>
<tr>
<th>Course Code #</th>
<th>Course Title</th>
<th>Open to Grades</th>
<th>Credit</th>
<th>Prerequisites(s)</th>
</tr>
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<td>World History</td>
<td>9</td>
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<td>10</td>
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<td>KAP American History</td>
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<td>806</td>
<td>American Government &amp; Economics</td>
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<td>World and U.S. History</td>
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<tr>
<td>807</td>
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<td>COTC810</td>
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<td>Regional &amp; Cultural Geography</td>
<td>10, 11, 12</td>
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WORLD HISTORY

(Required)
Grade 9

Prerequisites: None

1 Credit. One Year.

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Either World History or AP European History is required for graduation.

Fee: None

AP EUROPEAN HISTORY

Grade 9

Prerequisites: Teacher recommendation or 8th grade social studies class with a grade of “A” or “B”.

1 Credit. One Year.

The AP European History course focuses on developing students’ understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places. This meets the World History graduation requirement. The Advanced Placement Test is required.

Fee: $94.00 AP Exam (approximately).
Fee: $18.00 test prep book (approximately).

U.S. HISTORY

(Required)
Grade 10

Prerequisites: World History or AP European History.

1 Credit. One Year

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 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. Either U.S. History or KAP U.S. History is required for graduation.

Fee: None
Prerequisites: Students who enroll in this course must make application to Kenyon College for admission to the KAP Program. Social studies teacher recommendation required. Sophomores will likely have earned an “A” or “B” in AP European History. Juniors and seniors will likely have earned an “A” or “B” in a recent social studies course. Students who have earned over a 3.5 GPA and intend to apply for admission to any college/university should consider applying for KAP American History.

2 Credit. One Year. (8 college semester hours)

Kenyon Academic Partnership (KAP) American History examines American history from before Columbus to the present following the same format as college American history survey courses. Students will acquire skills that will be needed in college through outside readings, a college level text, a research paper and essay exams. This reading and writing intensive course is highly interactive and participation in daily class discussion is essential for success. With the approval of Kenyon College, students enrolled in this course for 2 high school credits will enroll in the KAP Program and earn 8 semester hours of college credit on an official Kenyon College transcript at the same time.

Fee: None

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### 806 AMERICAN GOVERNMENT AND ECONOMICS

(Required)

Grade 11

Prerequisites: World History and U. S. History.

1 Credit. One Year.

How the American people govern themselves at national, state and local levels of government is the basis for this course. This course incorporates American Government, Economics, Financial Literacy, and Research. The topics covered in this course include: Civic Involvement, Civic Participation and Skills, Principles of the U. S. Constitution, Structures and Functions of the Federal Government, Role of the People, Ohio’s State and Local Governments, Public Policy, and Government and the Economy.

Fee: None

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### 807 AP US GOVERNMENT & POLITICS/

AP COMPARATIVE GOVERNMENT & POLITICS

Grade 11, 12

Prerequisites: Students must earn a grade of “B” or better in either English 10 or Honors English 10, have permission from the instructor, or recommendation from their current Social Studies teacher.

1 Credit. One Year.

This alternative to American Government and Economics blends two AP classes into one: AP US Government & Politics & AP Comparative Government & Politics. Each class will last roughly one semester. This innovative course introduces students to the work of political scientists such as the study of demographics, political phenomena and relationships by analyzing government systems, processes, structures, policy choices and policy alternatives. This will be done by comparing the governments, people and institutions of seven countries: China, United Kingdom, Iran, Mexico, Nigeria, Russia and the United States. Additionally, students will analyze major world trends such as macroeconomics, global cooperation, civil rights & liberties, the environment and the media. Participation in the AP US Government & Politics exam is required while the AP Comparative Government & Politics exam is optional. Participation in the AP US Government & Politics exam can be used as a substitute exam for the state end-of-course assessment required for graduation.

Fee: American Government Test - $94 (Required).
Comparative Government Test - $94 (Optional)
Prerequisites: U.S. History and World History with a “B” or better, or permission from instructor.

½ Credit. One Semester.

This elective course will give students a general introduction to psychology and help them understand why people think and behave as they do. Topics included in this course are: developmental psychology, personality, learning, motivation, brain research, disorders, and historic and contemporary theories. Activities will include experiments and projects. Students planning to attend college or technical school are encouraged to consider this as one of their electives.

Fee: None

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**COTC810**

**COTC INTRODUCTION TO PSYCHOLOGY**

Grades 11, 12

Prerequisites: COTC application approval and principal/counselor recommendation

MVHS: 1 credit. One Semester. (3 semester college credits)
COTC: Course PSY 100

This semester psychology course offers 3 hours of college credit from Central Ohio Technical College. As an introduction to psychology, it researches areas of basic theoretical constructs, nervous system functioning, perception, learning, memory, emotion, cognition, intelligence, personality theories, stress, social psychology and motivational psychology.

Fee: To be determined by COTC.

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**811**

**SPORTS IN THE AMERICAN SOCIETY**

Grade 11, 12

Prerequisites: U.S. History and World History with a “C” or better, or permission from the instructor.

½ Credit. One Semester.

Sports in the American Society will explore societal issues while using sports as the background. Those issues will include, but are not limited to domestic violence, gender equality, hazing, drug abuse, marketing, the judicial system, and crime. This course is designed to be a project driven course meaning students will be asked to do many different types of research as well as being asked to present their research in many different forms. Class participation is a must for the successful student.

Fee: None

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**812**

**REGIONAL & CULTURAL GEOGRAPHY**

Grades 10, 11, 12

Prerequisites: World History and U.S. History with a “B” or better, or permission from the instructor.

½ Credit. One Semester.

This course emphasizes geography and develops skills and knowledge in cultural, economic and physical geography. The course will start an in-depth look at several world regions with special emphasis on the development and spread of language, culture, and political systems. The course will also examine how the development and spread of civilization has been affected by geographic factors. The second half of this course will focus on current regional issues in the world that have developed as a result of geographic causes.

Fee: None
EDUCATIONAL OPTIONS
CREDIT FLEXIBILITY OPTION

The MVHS credit flexibility plan is designed to focus on supporting and accelerating student learning and reflects the need for students’ readiness for careers and college without remediation.

Eligibility, criteria and submission dates are outlined in the Credit Flexibility Option plan which is available in the Guidance Office. Student proposals are to be submitted before Spring Break. Pre-approved course(s) are due by May 1st.

Web courses may be considered for credit (see page 61).

<table>
<thead>
<tr>
<th>Course Code #</th>
<th>Course Title</th>
<th>Open to Grades</th>
<th>Credit</th>
<th>Prerequisites(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>517</td>
<td>Mentorship for Leadership Program</td>
<td>9, 10, 11, 12</td>
<td>0.25</td>
<td>None</td>
</tr>
<tr>
<td>9000</td>
<td>Career Based Intervention (CBI)</td>
<td>11, 12</td>
<td>3.00</td>
<td>16 years old by 10-30-20</td>
</tr>
<tr>
<td>9190</td>
<td>Employability</td>
<td>11, 12</td>
<td>1.00</td>
<td>None</td>
</tr>
<tr>
<td>9191</td>
<td>Ariel Co-Op</td>
<td>12</td>
<td>0.50</td>
<td>See course description</td>
</tr>
</tbody>
</table>

WORK EXPERIENCE PROGRAM

Students can earn school credit based on the number of hours worked (200 hours = 1 credit). Main components of the program include applying for employment, procuring a State of Ohio work permit, and evaluations by the student’s employer.

517 MENTORSHIP FOR LEADERSHIP PROGRAM
(Open to identified gifted students and/or students maintaining a minimum GPA of 3.25)

¼ Credit. One Year.

Requirements: Students will complete 30 hours (18 hours with a professional mentor, 2 hours of professional shadowing, and 10 seminar hours). Written requirements will include journals and a college exploratory activity. Students must also complete a final project and exit interview.

This guided, individual study can benefit students who will work alongside a professional within a particular discipline, tradition, or craft. This option permits students to choose and pursue specific, in-depth curricular areas beyond the scope of the course of study offered within the school setting. Applicants will be screened, and selection will be based on levels of commitment and responsibility, as well as the availability of mentors. Assignments will be made in the fall with contacts and seminars to be scheduled November through May.
CAREER BASED INTERVENTION (CBI)

Grades 11, 12

Prerequisites: Must be 16 years old by October 30, 2020 and have an application approved. Application is available in the Guidance Office or from Mr. Kerr.

3 Credits. One Year.

The CBI program offers a creative and flexible pathway for success for students struggling in the normal academic setting. The CBI program assists students in earning credits which will enable them to continue on a path toward a fulfilling job and graduation from high school. The ultimate purpose of CBI is to help students improve academic competence, graduate from high school, develop employability skills, and implement a career plan.

Career Based Intervention consists of two parts. First, a student will be required to have a job working at least 15 hours per week. This 15 hour work is considered to be your CoOp which earns you 3 credits. The second part of the program is called the Employability Class. This class (1 credit) meets once a day and cover many topics dealing within the world of work. Students will learn what careers are hot and which are not, and what is needed to launch a great career! In addition to that, students will explore topics such as the nature of work, different concepts of labor, the nature of the workplace, networking, and what employers are looking for in the people they hire. The Employability class will cover the behaviors which are most highly valued and the ones which are most likely to result in getting fired. You will learn business etiquette, communication skills, the job search process, effective work habits, and how to be effective in the workplace. The goal of Employability is to be an enjoyable class; one in which the student develops a clear vision of what they want their personal and professional life to look like. The class meets one period per day for the full year.

Fee: $25.00 (CBI club dues collected by CBI instructor)

9190

EMPLOYABILITY

Grade 11, 12

Prerequisites: None.

1 Credit. One Year.

This class meets once a day and cover many topics dealing within the world of work. Students will learn what careers are hot and which are not, and what is needed to launch a great career! In addition to that, students will explore topics such as the nature of work, different concepts of labor, the nature of the workplace, networking, and what employers are looking for in the people they hire. The Employability class will cover the behaviors which are most highly valued and the ones which are most likely to result in getting fired. You will learn business etiquette, communication skills, the job search process, effective work habits, and how to be effective in the workplace. The goal of Employability is to be an enjoyable class; one in which the student develops a clear vision of what they want their personal and professional life to look like. The class meets one period per day for the full year.

9191

ARIEL CO-OP

Grade 12

Prerequisites: Senior in good standing with academic attendance and discipline records. On track to graduate according to state pathways.

½ Credit. Second Semester.

Eligible high school seniors who want to explore a manufacturing career can participate. Successful candidates must have a solid mechanical aptitude to learn a trade and a great attitude to succeed at Ariel. Guidelines for the manufacturing and fabrication co-op are established through Ariel Corporation. See school counselor if interested.
WEB COURSES

Web classes may count as your required five course load minimum. Some online courses may require offline assignments such as various readings, research papers, projects and/or presentations. Be sure to read the course description for each course. If interested in this Credit Flexibility Option, you must complete the credit flexibility form located in the Guidance Office. Deadline for submission is no later than May 15th.

The Web Course Hosting Service: APEX Digital Learning

COURSE OFFERINGS

**English Department**
- English 9 Regular
- English 10 Regular
- English 11 Regular
- English 12 Regular

**Social Studies**
- U. S. History
- World History
- Geography
- American Government and Economics

**Mathematics**
- Algebra I
- Algebra II
- Fundamental Algebra II
- Geometry
- PreCalculus
- College Prep/Algebra Review
- Trigonometry

**Science**
- Environmental Science
- Earth Science
- Physical Science

**Health**
- Health

**Requirements: Computer, Internet Connection, Credit Flexibility Contract.**

**Characteristics of the learner:**

- Demonstrates grade level reading/math comprehension skills
- Analyzes, synthesizes and evaluates information and resources
- Researches independently and completes learning activities on time
- Questions concepts that are not understood and asks for assistance

**Modules:** Each course comes with modules, lessons, pre and post tests for each module. Students will be expected to log-on and complete one module each week. Should a student not log-on weekly or begins to show regular poor performance on the modules, then the school reserves the right to require student attendance at school in a traditional classroom setting.

**Grading/Feedback:** Students earn points by completing the post tests at the end of each module and any offline assignments. Students are able to view their post test score after the evaluation of the post test. Some courses have offline assignments. Students must finish web courses no later than May 1st to receive credit.

**Athletic and Co-Curricular Eligibility:** All student athletes must follow the Athletic Department Academic Policy. APEX courses does fulfill NCAA core eligibility requirements.
NCAA ACADEMIC ELIGIBILITY REQUIREMENTS

DIVISION I

College-bound student-athletes first entering in NCAA Division I college or university on or after August 1, 2020, will need to meet new academic rules in order to receive athletic aid (scholarship), practice or compete during their first year.

What are the New Division I Requirements?

<table>
<thead>
<tr>
<th>Full Qualifier</th>
<th>Academic Redshirt</th>
<th>Nonqualifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete 16 Core Courses:</td>
<td>Complete 16 core courses.</td>
<td>Does not meet requirements for Full Qualifier or Academic Redshirt status.</td>
</tr>
<tr>
<td>• Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Seven of the 10 core courses must be in English, Math, or Science.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum core-Course GPA of 2.300.</td>
<td>Minimum Core-Course GPA of 2.000.</td>
<td></td>
</tr>
<tr>
<td>Meet the sliding scale requirement of GPA and ACT/SAT score.*</td>
<td>Meet the sliding scale requirement of GPA and ACT/SAT score.*</td>
<td></td>
</tr>
<tr>
<td>Graduate from high school.</td>
<td>Graduate from high school.</td>
<td></td>
</tr>
</tbody>
</table>

Full Qualifier: A college-bound student-athlete may receive athletics aid (scholarship), practice and compete in the first year of enrollment at the Division I college or university.

Academic Redshirt: A college-bound student-athlete may receive athletics aid (scholarship) in the first year of enrollment and may practice in the first regular academic term (semester or quarter) but may NOT compete in the first year of enrollment. After the first term is complete, the college-bound student-athlete must be academically successful at his/her college or university to continue to practice for the rest of the year.

Nonqualifier: A college-bound student-athlete cannot receive athletics aid (scholarship), cannot practice and cannot compete in the first year of enrollment.

DIVISION II

Core Courses
- Division II currently requires 16 core courses. See the chart below.
  - Beginning August 1, 2018, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

Test Scores
- Division II currently requires a minimum SAT score of 820 or an ACT sum score of 68. Beginning August 1, 2018, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). See scale @ eligibilitycenter.org.

Grade Point Average
- Be sure to look at your high school’s List of NCAA Eligibility Center’s website (www.eligibilitycenter.org). Only courses that appear on your school’s approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current Division II core GPA requirement is a minimum of 2.000. Division II core GPA required to be eligible for competition on or after August 1, 2018, is 2.200.
- The minimum Division II core GPA required to receive athletic aid and practice as a partial qualifier on or after August 1, 2018, is 2.000.
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

Division II
16 Core Courses

3 years of English
2 years of mathematics (Algebra I or higher.
2 years of natural/physical science (1 year of lab if offered by high school).
3 years of additional English, mathematics or natural-physical science.
2 years of social science.
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).
<table>
<thead>
<tr>
<th>Advanced Composition</th>
<th>AP US Gov &amp; Politics/AP Comp Gov</th>
<th>Algebra 1</th>
<th>Biology</th>
<th>French 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classical Mythology</td>
<td>COTC Psychology</td>
<td>Algebra 2</td>
<td>AP Biology</td>
<td>French 2</td>
</tr>
<tr>
<td>Composition</td>
<td>Debating Polit/Soc Issues</td>
<td>Algebra 2 Honors</td>
<td>Chemistry</td>
<td>French 3</td>
</tr>
<tr>
<td>COTC Advanced Composition</td>
<td>KAP American History</td>
<td>AP Statistics</td>
<td>KAP/AP Chemistry</td>
<td>French 4</td>
</tr>
<tr>
<td>COTC Speech</td>
<td>Psychology</td>
<td>Calculus</td>
<td>COTC Human Physiology</td>
<td>KAP Latin</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>Regional &amp; Cultural</td>
<td>AP Calculus</td>
<td>Earth Science</td>
<td>KAP/AP French</td>
</tr>
<tr>
<td>Geography 1</td>
<td>COTC Pre-Calculus</td>
<td>Geometry</td>
<td>Forensic Science</td>
<td>Latin 1</td>
</tr>
<tr>
<td>Honors English 10</td>
<td>Economics</td>
<td>Geometry Honors</td>
<td>Geology</td>
<td>Latin 2</td>
</tr>
<tr>
<td>AP English 11</td>
<td>American Gov’t &amp; Geography</td>
<td>AP European Pre-Calc Honors</td>
<td>Human Physiology</td>
<td>Latin 3</td>
</tr>
<tr>
<td>History</td>
<td>English 10</td>
<td>Pre-Calculus</td>
<td>Meteorology</td>
<td>Latin 4</td>
</tr>
<tr>
<td></td>
<td>US History</td>
<td>Honors English 9</td>
<td>Nanotechnology</td>
<td>AP Latin</td>
</tr>
<tr>
<td></td>
<td>AP English 11</td>
<td>Algebra A</td>
<td>Oceanography</td>
<td>Spanish 1</td>
</tr>
<tr>
<td></td>
<td>History</td>
<td>English 9</td>
<td>Physical Science</td>
<td>Spanish 2</td>
</tr>
<tr>
<td></td>
<td>Expository Writing</td>
<td>Expository Writing</td>
<td>Physics</td>
<td>Spanish 3</td>
</tr>
<tr>
<td></td>
<td>KAP English</td>
<td>KAP English</td>
<td>Robotics</td>
<td>Spanish 4</td>
</tr>
<tr>
<td></td>
<td>Science Fiction</td>
<td>AP Physics I</td>
<td>KAP Spanish</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speech</td>
<td>Speech</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

APEX coursework from this school meets NCAA nontraditional core-course legislation.
College Credit Plus for Students & Families

**Why wait for your future?**

Ohio’s College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university College Credit Plus is **free**. That means no cost for tuition, books or fees if you attend public school in the state of Ohio. If you choose to attend a private college or are homeschooled, you may have limited costs.

Your high school may have an agreement with a local college for specific courses, however, you can choose to take College Credit Plus courses from any college that offers a course that would benefit your future. This could include online courses.

Once you find the university or college you would like to attend for College Credit Plus, you can go to their website and complete the application—each school has their own process and procedures; as well as their own requirements to enroll in College Credit Plus.

As stated, College Credit Plus is **free for all public school students who wish to attend a public Ohio university or college**. There may be fees for homeschooled students, or students that wish to attend a private university of college.

If you need help completing the College Credit Plus application, we encourage you to reach out to your school’s guidance counselor for assistance with the process. To learn more about College Credit Plus, please visit the [College Credit Plus webpage](#) at Ohio Higher Education.

**College Credit Plus for Home-School Families**
**College Credit Plus for Nonpublic School Programs**
Mount Vernon Nazarene University &
Mount Vernon High School CC+ Pathways

15 Hour Pathway
ENG-1083 College Writing (3 hrs)
ENG-1063 Introduction to Literature (3 hrs)
PSY-1013 Psychology (3 hrs)
MAT-1023 Pre-Calculus (3 hrs) or MAT-2083 Introduction to Statistics (3 hrs)
COM-1023 Public Speaking (3 hrs)

30+ Hour Pathway (max of 15 credit hours/semester)

Health Science 15 Semester Hours
CHE-1014 Introduction to Chemistry & Lab (4)
HCS-1013 Nutrition for Health Professionals (3)
BIO-1054/50 Zoology & Lab (4)
CHE-1024 Organic and Biological Chemistry & Lab (4)

Education 15 Semester Hours
BIO-1014 Intro to Biology & Lab (4)
MAT-1033 Intro to Mathematical Systems (3)
ECO-1033 Macroeconomics (3)
EDU1042 Educational Technology (2)
HIS-2033 U.S History to 1865 or 2023 U.S History since1865 or POL-1003 Am. Govt and Politics (3)

Business 16 Semester Hours
BIO-1014 Intro to Biology & Lab (4)
MAN-2003 Principles of Management (3) (may take PED-1002 or MTH/ART 1002)
POL-1003 Am Govt and Politics (3)
ECO-1033 Macroeconomics (3)
ACC-2053 Principles of Accounting I (3)

STEM (Science, Technology, Engineering, Mathematics) 15 Semester Hour
BIO-1054 Intro to Zoology w/ Lab (4)
MAT-1034 Calculus I (4)
MAT-1013 Trigonometry (3)
CHE-1034 General Chemistry I w/ Lab(4) For Science Majors
or
PHY-2055 University Physics w/ Lab (5) For Engineering Majors*
or
CSC-1024 Computer Science I (4) For Computer Science Majors

*Any hours over the 15 hours/semester will be charged to the student at the college set tuition rate which is subject to change.
# College Credit Plus Pathways
Central Ohio Technical College & MVHS

## 15 Hour Core Pathway

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Sem. Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 112</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 100</td>
<td>Intro. to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 130</td>
<td>Intro. to Stats</td>
<td>3</td>
</tr>
<tr>
<td>MATH 140</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 205</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 100</td>
<td>Critical Thinking</td>
<td>3</td>
</tr>
</tbody>
</table>

*Either Math 130 or Math 140

## 30+ Hour Pathways

These pathways incorporate the Core Pathway above and build on it with the courses geared toward the named disciplines below. (Minimum of 15 credit hours in each specific track)

<table>
<thead>
<tr>
<th>Engineering/STEM Pathway</th>
<th>Public Safety Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Name</strong></td>
<td><strong>Course Name</strong></td>
</tr>
<tr>
<td>ENGL 113 – Comp II</td>
<td>ENGL 113 – Comp II</td>
</tr>
<tr>
<td>MATH 150 – Pre-Calculus</td>
<td>PHIL 200 – Intro. to Ethics</td>
</tr>
<tr>
<td>SPCH 100 – Fund. Of Communication</td>
<td>SOC 110 – Cultural Diversity</td>
</tr>
<tr>
<td>PSY 100 – Intro. to Psychology</td>
<td>SPCH 100 – Fund. Of Communication</td>
</tr>
<tr>
<td>ARCH 188 – Construction Materials</td>
<td>FIRE 110 – Principles of Emergency</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 17  **Total Credit Hours** 15

<table>
<thead>
<tr>
<th>Allied Health Pathway</th>
<th>Business Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Name</strong></td>
<td><strong>Course Name</strong></td>
</tr>
<tr>
<td>BIO 110 – Medical Terminology</td>
<td>ENGL 113 – Comp II</td>
</tr>
<tr>
<td>BIO 115 – Human Nutrition</td>
<td>ENGL 207 – Bus/Prof Communications</td>
</tr>
<tr>
<td>ENGL 113 – Comp II</td>
<td>SPCH 100 – Fund. Of Communication</td>
</tr>
<tr>
<td>MATH 150 – Pre-Calculus</td>
<td>BUS 120 – Business Law</td>
</tr>
<tr>
<td>SPCH 210 – Small Group Comm.</td>
<td>BUS 140 – Advertising &amp; PR</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 16  **Total Credit Hours** 15

*Any hours taken over 15 hours per semester will be charged to the student at the college set tuition rate which is subject to change.
Possessing the knowledge, skills, and mindset to thrive in our global society is no longer an optional component to responsible citizenship or successful employment. The Global Scholars Diploma, a “global education for all” program that thrives on inclusivity, equity, and access for all, develops globally competent students with the knowledge, skills, and mindset necessary for leadership, citizenship, and careers in an interconnected, global society.

In partnership with school districts, The Columbus Council on World Affairs champions The Global Scholars Diploma program through innovative, interactive, and experiential approaches, global community partnerships, and collaborating business, governmental, and academic leaders. This three year program will have a culminating project requirement.