

# CLOVERLEAF HIGH SCHOOL

## 2018-2019 COURSE REGISTRATION GUIDE



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## Graduation Requirements

The Board desires that its standards for graduation meet the minimum standards of the Ohio Department of Education as well as State law, and further that our high school compares favorably with high schools in the State recognized for their excellence.

The requirements for graduation from high school are as follows:

|   | Cloverleaf High School Student                 | MCCC (if attending Career Center full-time)    |
|---|--|--|
| English   | 4 credits                                      | 4 credits                                      |
| Math<br>Math including one unit of Algebra II or its equivalent   | 4 credits                                      | 4 credits                                      |
| Science, with inquiry-based lab experience, including one unit each in physical science and biology and one unit in chemistry, physics or other physical science, astronomy, physical geology or other earth or space science | 3 credits                                      | 3 credits                                      |
| Social Studies, including one-half unit of American History, one-half unit of American Government, one-half unit of Economics/Financial Literacy, and one-half unit of World History  | 3.5 credits                                    | 3 credits                                      |
| Health  | .5 credits                                     | .5 credits                                     |
| Physical Education  | .5 credits                                     | .5 credits                                     |
| Fine Arts (music, visual arts, drama, theater)  | .5 credits                                     | 0 credits                                      |
| Electives   | 5 credits – Class of 2019<br>.....and beyond   | 5 credits – Class of 2019<br>.....and beyond   |
| Business/Technology/Fine Arts/Foreign Language (MCCC requirement)   | 0  | 1  |
| TOTAL CREDITS   | 21 credits – Class of 2019<br>..... and beyond | 21 credits – Class of 2019<br>..... and beyond |
| <i>NOTE: A student's final two credits must be passed while a student at Cloverleaf High School unless they are MCCC.</i>   |  |  |

The minimum requirements for graduation also include:

1. Earning a cumulative passing score across state-required assessments (for the class of 2018 and beyond)
2. Student electives of any one or combination of the following: world language, fine arts (two semesters in any of grades 7-12 unless following a career-technical pathway), business, career-technical education, family and consumer sciences, technology, agricultural education or additional English language arts, math, science or social studies courses not otherwise required under the statutory graduation requirements.

# **Pathways to Graduation**

Students must meet at least one of the three pathways listed below. (Brief summary of 3 pathways, more explanation for each follows.)

1. **Ohio's State Tests** - Earn 18 out of 35 points on seven end-of-course state tests. Students which you can earn credentials in one school year. Note: Many of these credentials would be earned at the Medina County Career Center. Students can earn up to five points on each test. Students need a minimum of four points in math, four points in English language arts and six points across science and social studies.
2. **Industry-recognized credential and score on workforce readiness test** - Earn an industry-recognized credential or a group of credentials totaling 12 points and earn the required score on the WorkKeys test. Ohio pays for you to take the test one time. Some districts offer the Senior Only program through
3. **College and career readiness tests** - Earn remediation-free scores\* in math and English language arts on the ACT or SAT. Your district chooses either the ACT or SAT. Students will take a one-time statewide spring test in grade 11 for free. \*Ohio's university presidents set these scores, which are subject to change.

**\*Please refer to the Ohio Department of Education for a more detailed explanation and for the most updated information.**

## **1. Ohio State Tests**

For each of the seven end-of-course state tests, a student earns one to five graduation points. Currently, the 7 tests include English I, English II, Algebra I, Geometry, Biology, American History, and American Government. Students have the potential to earn a total of 35 points. To meet this graduation option, a student must earn a minimum number of 18 points from all tests.

This graduation option gives a student flexibility in accumulating 18 points. A high score on one test can balance a low score on another test. A student must earn a total of at least four points on English tests, four points on math tests and six points on science and social studies tests.

| <b>PERFORMANCE LEVEL</b> | <b>GRADUATION POINTS</b> |
|--------------------------|--------------------------|
| <b>Advanced</b>          | <b>5</b>                 |
| <b>Accelerated</b>       | <b>4</b>                 |
| <b>Proficient</b>        | <b>3</b>                 |
| <b>Basic</b>             | <b>2</b>                 |
| <b>Limited</b>           | <b>1</b>                 |

Students may earn graduation points through approved substitute tests:

- College Credit Plus (CCP) courses or approved AP/IB tests, in the subject area, will satisfy the end-of-course graduation test requirement for American history, American government, physical science (class of 2018 only) and biology. The college course grade earned under College Credit Plus or AP/IB test score may earn graduation points in place of the end-of-course tests as provided here.
- It is important to note, while students can earn graduation points for CCP coursework and AP/IB test scores in biology, all schools must administer the Biology end-of-course tests to all students in order to satisfy federal testing requirements. CCP students may use their course grade and AP/IB students may use their test scores OR the biology end-of-course test score to earn graduation points, whichever is higher. A student completing a CCP course in American history or American government will not need to sit for the end-of-course tests in the subject area and may earn graduation points based on the letter grade in the course.

- There are no CCP/AP/IB substitutions for mathematics or English language arts. Students may use math and English language arts CCP/AP/IB courses to satisfy the graduation curriculum requirements. But schools must administer the end-of-course tests to students to earn graduation points.

**GRADUATION POINTS FOR COURSE GRADES PRIOR TO JULY 1, 2015**

- The student is in the Graduating Classes of 2018 and beyond. (This is not applicable to students choosing the new OGT options.)
- The student received credit on their transcript for a course taken prior to July 1, 2015.
- The course didn't have a state end-of-course test available at the time the student was enrolled in the course.
- The student will receive graduation points based on the course grade.

The following table converts Advanced Placement test scores to graduation points for valid courses. This applies only to American history, American government and science. There are no permitted substitutions for English language arts and mathematics.

| <b>ADVANCED PLACEMENT</b> | <b>GRADUATION POINTS</b> |
|---------------------------|--------------------------|
| <b>4 or 5</b>             | <b>5</b>                 |
| <b>3</b>                  | <b>4</b>                 |
| <b>2</b>                  | <b>3</b>                 |
| <b>Not applicable</b>     | <b>2</b>                 |
| <b>1</b>                  | <b>1</b>                 |

The Ohio State Board of education approved the following AP substitute tests:

**BIOLOGY** - Advanced Placement Biology (Students must still take state mandated Biology EOC exam).

**AMERICAN HISTORY** - Advanced Placement United States History

**AMERICAN GOVERNMENT** - Advanced Placement United States Government and Politics

The following table is to be used to convert College Credit Plus grades to graduation points for valid courses. This applies only to American history, American government and science. There are no permitted substitutions for English language arts and mathematics.

| <b>COLLEGE CREDIT PLUS COURSE GRADE<br/>(SOCIAL STUDIES AND SCIENCE SUBSTITUTE COURSES)</b> | <b>OHIO GRADUATION POINTS</b> |
|---|-------------------------------|
| <b>A or B</b>   | <b>5</b>                      |
| <b>C</b>  | <b>4</b>                      |
| <b>D</b>  | <b>3</b>                      |
| <b>Not applicable</b>   | <b>2</b>                      |
| <b>Not applicable</b>   | <b>1</b>                      |
| <b>F – Fail or drop the course</b>  | <b>0</b>                      |

\*This information reflects current Ohio law and is subject to change.

## **2. Industry-Recognized Credential and Workforce Readiness Test**

The Industry credential and workforce readiness pathway means that students must earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. Please refer to the ODE website for updated information regarding the industry-recognized credentials.

The WorkKeys assessment has three sections: reading, applied mathematics and locating information. Students in the Classes of 2019 must earn a total of 13 points across the three WorkKeys sections; students in the Class of 2020 and beyond must earn a total of 14 points. Students must also earn at least three points on each section of the test.

## **3. College and Career Readiness Tests**

One of the pathways that students may use to meet the test requirement for graduation is a college and career readiness test. The two tests that meet this pathway are the ACT and SAT. Colleges and universities use the ACT and SAT to determine student readiness for the rigors of higher education. These institutions generally expect that students who earn "remediation-free" scores will be able to succeed in their college courses.

The Ohio Department of Higher Education works with Ohio universities to set the remediation-free scores for the ACT and SAT. Periodically, for a variety of reasons, these scores may be adjusted. State law requires the Ohio Department of Education to use the ACT and SAT remediation-free scores to meet the graduation requirements of the college and career readiness test pathway.

The Ohio Department of Education will communicate the remediation-free scores needed to meet the graduation requirement in spring of the students' junior (grade 11) year before they take the state-sponsored test. For all high school juniors, the remediation-free scores set by Feb. 1 of their junior year will be used to meet their graduation requirement. Any changes after Feb. 1 each year will affect only future groups of students.

Students must earn "remediation-free" scores in each of the three subscore areas, two in English language arts and one in mathematics.

What are the remediation-free scores?

| <b><u>SUBJECT</u></b>        | <b><u>ACT</u></b>   | <b><u>SAT</u><br/>(Taken prior to March 1, 2016)</b>   | <b><u>SAT</u><br/>(Take after March 1, 2016)</b>          |
|------------------------------|---|--|---|
| <b>English Language Arts</b> | English subscore of 18 (or higher)<br><br>Reading subscore of 22 (or higher) (Entered high school after July 1, 2014)<br><br>Reading subscore of 21 (or higher) (Entered high school prior to July 1, 2014) | Writing 430 (or higher)<br><br>Reading 450 (or higher) | Evidence-Based Reading and Writing (EBRW) 480 (or higher) |
| Mathematics                  | Mathematics subscore of 22 (or higher)  | Mathematics 520 (or higher)                            | Mathematics 530 (or higher)                               |

Each student may use the highest score in each subscore from multiple administrations of a test to meet the student's graduation requirement pathway. This would include the state-funded administration, which all Ohio students will take in the spring of their junior year and additional attempts that students take and fund through non-state resources during their academic careers.

Students who meet the remediation-free scores in all three subscore areas under a single test will meet the requirements for graduation under this pathway. These students will receive Ohio diplomas upon completion of the curriculum requirements.

As part of the state and federal reporting requirements, districts are required to submit student scores for the following state end-of-course tests: geometry or math II, English language arts II, biology, American history and American government. Therefore, districts do need to administer these tests to all students.

## **Course Planning Guide**

Students are encouraged to plan carefully a program of study that will assist them in reaching their educational goals. A course planning worksheet is included in this guide to assist you. It is important that students select courses to fit their career plans.

Scheduling Guidelines:

1. Review all the requirements for graduation
2. Freshman, sophomores and juniors must carry a minimum of 6 classes; seniors qualifying for *Senior Privilege* may carry a minimum of 5 classes.
3. Make sure prerequisites are met before selecting a course
4. Read the information presented about each course
5. Review and understand the opportunities offered through the Medina County Career Center
6. Consider the requirements for a **Diploma with Honors** as well as graduating with a **Cum Laude** distinction.
7. Take the required courses in the appropriate year (Summer school courses must be completed prior to being removed from the class the following school year.)

\*NOTE: Most courses can only be taken once for credit. The following courses *may* be taken more than once: Advanced PE courses, Art courses (see specifics in Art descriptions) Yearbook Staff, Band, Choir, Journalism, Reading for Pleasure, Robotics and Strategies.

### **Course Selections/Schedule Changes**

Registration for courses is an important part of a student's educational experience. Constant care and consideration must be given to selecting the courses that will best prepare the student for post-high school plans- whether to enter college, seek employment, or pursue some other further training. Course selections should be firm. Students should consult with parents, teachers, and counselors before making final course decisions.

The student and parent are encouraged to select realistic courses so that schedule changes will not be necessary. There will be no teacher changes made unless the student has past history with a teacher. Schedule changes must be **requested** within the first five days of the school year (for yearlong courses) or semester (for semester long courses). All schedule changes will be completed by the tenth day of the school year.

Considerations should be:

- Specific courses and number of credits for graduation
- Prior success and failures
- Special interests and aptitudes
- Future college and career plans

The course requests made by students help us determine:

- The number of sections needed for each class offered
- The total master schedule staffing (the number of teachers needed)
- The number of textbooks needed for each course

From the beginning of the scheduling process, through the end of the school year, many opportunities are provided for the students to take an active part in the development of their schedule. **Therefore, schedule changes will be made only when absolutely necessary and only when requested within the first five days of each semester.** All schedule changes will be completed by the tenth day of the semester.

Necessary schedule changes may include:

- Correcting incomplete schedules (fewer courses scheduled than student is required to carry)
- Resolving course selection conflicts
- Meeting graduation requirements
- Accommodating special needs students

### Earning of Credit

|   |  |
|---|--|
| <p><b>To determine grades for Semester Courses:</b></p> <p>Quadruple the value for each quarterly grade using the reference chart below; double the value for semester exam. Divide the total by 10.</p> <p>Example: Student earned a B- for Quarter 1, a C for Quarter 2, and a D for the exam.</p> <p>Quarter 1: B- (2.6 x 4) = 10.4<br/>         Quarter 2: C (2 x 4) = 8<br/>         Exam: D (1 x 2) = 2<br/> <b>TOTAL 20.4 ÷ 10 = 2.04 (Find on chart)</b></p> <p>This student's final grade is a C</p> | <p><b>To determine grades for Year long Courses:</b></p> <p>Double the value for each quarterly grade; add a single value for each semester exam. Divide the total by 10.</p> <p>Example: Student earned a B+ for Q1, a C for Q2, a D- on the mid-term, an A- on Q3, a D for Q4, and a C for the Final Exam</p> <p>Quarter 1: B+ (3.4 x 2) = 6.8<br/>         Quarter 2: C (2 x 2) = 4<br/>         Semester Exam: D- (1 x 0.6) = 0.6<br/>         Quarter 3: A- (3.6 x 2) = 7.2<br/>         Quarter 4: D (1 x 2) = 2<br/>         Final Exam: C (1 x 2) = 2<br/> <b>TOTAL 22.6 ÷ 10 = 2.26 (Find on chart)</b></p> <p>This student's final grade is a C+</p> |
|---|--|

| Grade | Quality Point Value* | Starting point | Ending Point | Grade |
|-------|----------------------|----------------|--------------|-------|
| A     | 4                    | 3.8            | 4            | A     |
| A-    | 3.6                  | 3.5            | 3.799        | A-    |
| B+    | 3.4                  | 3.2            | 3.499        | B+    |
| B     | 3.0                  | 2.8            | 3.199        | B     |
| B-    | 2.6                  | 2.5            | 2.799        | B-    |
| C+    | 2.4                  | 2.2            | 2.499        | C+    |
| C     | 2.0                  | 1.8            | 2.199        | C     |
| C-    | 1.6                  | 1.5            | 1.799        | C-    |
| D+    | 1.4                  | 1.2            | 1.499        | D+    |
| D     | 1.0                  | 0.8            | 1.199        | D     |
| D-    | 0.60                 | 0.4            | .0799        | D-    |
| F     | 0                    | 0              | 0            | F     |

\*As in CLSD Board Policy.

*A student must receive a passing grade for two of the three marks in a semester course in order to earn credit for a course. Students in yearlong courses must earn a minimum of 4 points and receive a passing grade for 2 of the 3 marks in the second semester to earn credit for the course.*



## **Recommended Credits by Year**

Classification by credit will be used for decisions such as parking pass eligibility, prom attendance, or other administrative purposes (Promotion is no longer based on credits earned).

| <u>2019 and Beyond</u> | <u>Credits Recommended</u> |
|------------------------|----------------------------|
| Sophomore              | 5.25                       |
| Junior                 | 10.50                      |
| Senior                 | 15.75                      |

The District will accept credits earned toward graduation in another district only from those schools chartered by the State Department of Education.

Student work completed prior to the ninth grade is applied towards graduation credit if the course is taught by a teacher holding a license valid for teaching high school and is designated by the Board as meeting the high school curriculum requirements.

## **Alternative Credit Options**

When circumstances make it impossible for a student to obtain credits for graduation in the framework of the adopted curriculum, a student may be permitted to attend summer school, to enroll in correspondence courses or to apply for credit flexibility. Prior approval must be received from your guidance counselor and an administrator. Credits obtained without prior approval may be denied.

Students who attend summer school may earn one credit per summer and a maximum of three (3) credits toward graduation (unless otherwise approved by administration). Students who are approved to enroll in correspondence courses may earn a maximum of two (2) credits toward graduation. Students who are interested in credit flexibility options must meet with their guidance counselor and obtain a Credit Flex Application.

## **Online Learning Opportunities (PLATO)**

Students at CHS may elect to take online learning courses to meet credit requirements, recover lost credit, or to extend and enrich learning.

### **Online Learning for CREDIT RECOVERY**

- Students who lose course credit as a result of failing a class may elect to complete credit lost in the Online Learning Lab. Cloverleaf High School uses accredited online courses provided by PLATO Courseware.
- Students always have the option to retake the face-to-face course, and if requested, will be offered a different teacher if available.

### **Online Learning for FIRST TIME CREDIT**

- All first time credit shall be earned in the traditional classroom face-to-face format with the following exceptions (and Administrative Approval):
  - Credit deficient seniors seeking to meet credit requirements in order to graduate with their class
  - Scheduling conflicts prevent students from being scheduled into required core classes
  - Extended absences due to certified medical absences
  - A situation where a course is not offered due to general lack of student interest (For example, we only get 2 requests for AP Biology and so we cannot run the class in a traditional format).
  - When a student is interested in pursuing coursework offered through PLATO that is not offered in the traditional format.
  - Other potential situations that may arise that are not listed herein.
  - Assessment preparation (For example, a student needs supplemental practice/instruction to prepare for a required test)

### Online Learning Conducted OFF-SITE

- CHS uses PLATO, a web-based courseware program. Because PLATO is web-based, there is the potential that students can pursue coursework outside of the school day and independent of onsite monitoring in the Learning Lab. Taking online courses in this manner requires organization, self-discipline and a level of independence that not all high school students yet possess. Students should consider this carefully when deciding to take online coursework outside of the school day. Students should also understand that course assessments will have to be taken onsite- in the Learning Lab. Students will be given consideration to pursue online coursework if one of the following applies:
  - Learning Lab is filled each period of the day
  - A period of Learning Lab does NOT fit into the student's schedule
  - The student is a credit deficient senior who needs the credit in order to graduate with his/her class
  - The student is an especially motivated, disciplined individual and gets administrative approval.
  - The student is credit deficient attending the Medina County Career Center
  - Student is on home instruction or will be absent due to extensive medical issues

Courses Offered Online **Only** (Availability of course will be determined by student interest)

- Personal Finance
- Economics
- Career Explorations (½ credit)
- African American Studies
- Native American Studies: Contemporary Perspectives (½ credit)
- Native American Studies: Historical Perspectives (½ credit)
- Computing for College & Career 1 & 2
- Art History & Appreciation
- Civics 1 & 2
- Ohio State Test Preparation in any End of Course subject (½ credit)
- Social Issues
- Academic Success (½ credit)

### Early Graduation/Program Acceleration

Students who are interested in early graduation must meet with their guidance counselor to complete an Early Graduation Application. If a student plans to complete graduation requirements in three years they must meet with their guidance counselor before the end of their sophomore year. If a student plans to complete graduation requirements in their senior year (end of 1<sup>st</sup> semester), they must meet with their guidance counselor before the end of their junior year.

### Grading System

Students earn grades and credit each grading period based upon the student's achievement. Grades are determined by the following scale:

| GRADE | PERCENT      | STANDARD | HONORS / AP* |
|-------|--------------|----------|--------------|
| A     | 93-100       | 4.0      | 5.0          |
| A-    | 90-92        | 3.6      | 4.6          |
| B+    | 87-89        | 3.4      | 4.4          |
| B     | 83-86        | 3.0      | 4.0          |
| B-    | 80-82        | 2.6      | 3.6          |
| C+    | 77-79        | 2.4      | 3.4          |
| C     | 73-76        | 2.0      | 3.0          |
| C-    | 70-72        | 1.6      | 2.6          |
| D+    | 67-69        | 1.4      | 0            |
| D     | 63-66        | 1.0      | 0            |
| D-    | 60-62        | 0.6      | 0            |
| F     | 59 and below | 0        | 0            |

\* Note that the weighted grading scale does not apply to the incoming class of 2020 and beyond.

## **Graduating Cum Laude** (based on unweighted GPA)

### **Cum Laude (with honor)**

3.75 with 0-11 bonus points or  
3.50 with 9-11 bonus points  
3.25 with 12 or more bonus points

### **Magna Cum Laude (with great honor)**

3.75 with 12-18 bonus points or  
3.50 with 14 or more bonus points

### **Summa Cum Laude (with highest honor)**

3.75 with 19 or more bonus points

Each Honors course completed will be given 1 bonus point per year.

Each College Credit Plus (CCP) course will be given 1 bonus point per semester.

Each Advanced Placement course will be given 3 bonus points per year.\*

**\*Students who do not take the AP exam will receive only 1 bonus point.**

## **Academic Letter Award**

Students must meet the following criteria:

- **Seniors:** Earning a minimum GPA of 3.5 for 2 of the first 3 grading periods of the current academic school year at Cloverleaf High School and/or Medina County Career Center; earning a minimum GPA of 3.5 for the first semester at a post-secondary institution through College Credit Plus (CCP) program.
- **Underclassmen in the classes of 2019:** Earning a minimum GPA of 3.5 for the previous academic school year at Cloverleaf High School, Medina County Career Center, and/or post-secondary institution through CCP program.
- **Underclassmen in the classes of 2020 and beyond:** Earning a minimum GPA of 3.5 for the previous academic school year at Cloverleaf High School, Medina County Career Center, and/or post-secondary institution through CCP. Please see the chart below of the system to incorporate the academic rigor of courses a student takes to meet the requirements to earn the award.

### **Minimum GPA**    **Number of Honors/AP/CCP courses taken**

|     |    |
|-----|----|
| 3.5 | 0  |
| 3.4 | 1  |
| 3.3 | 2  |
| 3.2 | 3  |
| 3.1 | 4+ |

### **Yearly Award Levels:**

- 1<sup>st</sup> - Academic Letter, gold bar, lamp of knowledge and certificate
- 2<sup>nd</sup> – Gold bar and certificate
- 3<sup>rd</sup> – Gold bar and certificate
- 4<sup>th</sup> – Gold bar, certificate, and medallion

## **Honors and Advanced Placement Requirements**

For Honors and Advanced Placement (AP) courses, a student receiving a grade of “C-“ or lower for an interim report will be placed on academic probation for the remainder of the grading period. A student receiving a grade of “C-“ or lower for the first quarter/semester may be transferred to the next level of the class (if available). Students must continue to meet this standard in order to continue in the Honors and AP courses. Also note that students who take AP courses are required to take the AP exam.

## **College Credit Plus Program**

The College Credit Plus was created by the Ohio Legislature to allow high school students to enroll in a college or university. This program is available to qualified Cloverleaf High School students in grades 7-12 for minimal costs to the student. Parents and students must follow these procedures:

1. Both parent(s) and student are required to be counseled by the school about the risks and process to participate in this program. The meeting will be held in early November of the preceding school year. At this meeting students and parents will be given important steps in the CCP process which includes, submitting an intent to participate form that is required to be turned in by the student by April 1st of the preceding school year that they wish to participate in CCP.
2. The student must complete an undergraduate admission application for the college/university they wish to attend.
3. The student must request an official transcript from the high school guidance office be sent to the college/university.
4. The student will need to fulfill any testing requirement (ACT/SAT) the college/university requires.

Credit is awarded for a course successfully completed outside of regular school hours by a student at an accredited postsecondary institution. High school credit is awarded for a course successfully completed under this section of the Ohio Revised Code counts toward the graduation requirements and subject area requirements of the District. If a course comparable to the course successfully completed is offered by the District, then comparable credit for the completed equivalent course is awarded. If no comparable course is offered, the District grants to the student an appropriate number of credits in a similar subject area.

### **Cloverleaf High School houses a distance learning lab through The University of Akron.**

- *The Distance Learning Lab* is a state-of-the-art facility that permits The University of Akron to offer credit courses at Cloverleaf High School.
- *Who's eligible?* Any student in grades 7-12 who has applied and been accepted by The University of Akron as a CCP student is eligible. See above section for further information. Only students that are affiliated with The University of Akron may take courses in the Lab.
- *How do I register for these courses?* Each semester it is necessary for a student to select courses and complete the required form through The University of Akron. The student must register in person with an assigned advisor from The University of Akron. Details about these options are described in the schedule of courses published each academic semester and available from The University of Akron.

## **College Credit Plus/ Dual Enrollment Courses**

Cloverleaf High School will be offering College Credit Plus (CCP) on site through The University of Akron and Ashland University. The Guidance Department will present CCP information to students during scheduling. This is a DUAL CREDIT program that allows students to receive both college and high school credit when all the requirements are met through the university and high school.

We currently offer the following CCP courses taught by OUR teachers who have been granted Adjunct Professor Status by The University of Akron and/or Ashland University. Students who desire to take these courses must follow the CCP procedures above for the appropriate course they desire to take.

English Composition I (U. of Akron)  
English Composition II (U. of Akron)  
US History to 1877 (U. of Akron)  
Beginning Spanish I and II (U. of Akron)

Molecular & Cellular Basis of Life (Ashland U.)  
Intro. to Biotechnology (Ashland U.)

## **Suggested College Pathways for CCP Students \*\*\***

### **“15-Credit” Pathway**

|                          |          |  |
|--------------------------|----------|--|
| English Composition I*   | 3300:111 | 3 credits Satisfies 1 credit towards English requirement |
| English Composition II*  | 3300:112 | 3 credits Satisfies 1 credit towards English requirement |
| Government and Politics* | 3700:100 | 4 credits Satisfies Government requirement               |
| Intro to Psychology*     | 3750:100 | 3 credits Satisfies CHS Social Studies elective          |
| OR                       |          |  |
| Intro to Sociology*      | 3850:100 | 3 credits Satisfies CHS Social Studies elective          |
| Personal Health          | 5550:101 | 2 credits  |
| <b>TOTAL</b>             |          | <b>15 credits</b>  |

### **“30-Credit” Pathway**

|   |          |  |
|---|----------|--|
| English Composition I*  | 3300:111 | 3 credits Satisfies 1 credit towards English requirement |
| English Composition II*   | 3300:112 | 3 credits Satisfies 1 credit towards English requirement |
| Government and Politics*  | 3700:100 | 4 credits Satisfies Government requirement               |
| State and Local Govt.*  | 3700:210 | 3 credits Satisfies Government requirement               |
| Intro to Psychology*  | 3750:100 | 3 credits Satisfies CHS Social Studies elective          |
| Intro to Sociology*   | 3850:100 | 3 credits Satisfies CHS Social Studies elective          |
| College Math Requirement I*   |          | 3 credits Satisfies 1 CHS Math credit requirement        |
| (Student will select Math course depending upon appropriate placement and intended major) |          |  |
| Molecular & Cell Basis of Life*   |          | 4 credits Satisfies 1 credit towards Science requirement |
| Beginning World Language I**  |          | 4 credits Satisfies 1 credit CHS elective requirement**  |
| <b>TOTAL</b>  |          | <b>30 Credits</b>  |

\*These courses satisfy college General Studies requirements

\*\* Many college majors require 4 semesters of a World Language

\*\*\* The suggested pathways are based on current CCP legislation.

## Ohio High School Honors Diploma Criteria

Students need to fulfill all but one criterion for any of the following Diplomas with Honors.

| Criterion   | Academic Honors Diploma  | Career-Tech Honors Diploma   |
|---|--|--|
| Math  | 4 units, Algebra I, Geometry, Algebra II (or equivalent) and one other higher level course or a 4 course sequence that contains equivalent or higher content level | 4 units, Algebra I, Geometry, Algebra II (or equivalent) and one other higher level course or a 4 course sequence that contains equivalent or higher content level                     |
| Science   | 4 units, including two units of advanced science**   | 4 units, including two units of advanced science**   |
| Social Studies  | 4 units  | 4 units  |
| World Languages   | 3 units of one world language, or no less than 2 units of each of two world languages studied  | 2 units of one world language studied  |
| Fine Arts   | 1 unit   | N/A  |
| Electives   | N/A  | 4 units of Career-Technical minimum. ***   |
| Grade Point Average   | 3.5 on a 4.0 unweighted scale  | 3.5 on a 4.0 <b>unweighted</b> scale   |
| ACT/SAT Score [excluding scores from the writing sections]* | 27 ACT / 1280 SAT  | 27 ACT / 1280 SAT or WorkKeys (6 Reading for Information & 6 Applied Mathematics)^^^   |
| Field Experience  | N/A  | Complete a field experience and document the experience in a portfolio specific to the student's area of focus   |
| Portfolio   | N/A  | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts |
| Additional Assessment                                       | N/A  | Earn an Industry recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent                                      |

**\*\*Additional Honors Diplomas on next page.**

## Additional Honors Diplomas (New 2017)

Students need to fulfill all but one criterion for any of the following Diplomas with Honors.

| <b>Criterion</b>          | <b>STEM Honors Diploma</b>   | <b>Arts Honors Diploma<br/>(Includes dance, drama/theatre,<br/>music and visual art)</b>   | <b>Social Science &amp; Civic<br/>Engagement Honors<br/>Diploma</b>  |
|---------------------------|--|--|--|
| Math                      | 5 units, Algebra I, Geometry, Algebra II (or equivalent) and one other higher level course or a 4 course sequence that contains equivalent or higher content****                         | 4 units, Algebra I, Geometry, Algebra II (or equivalent) and one other higher level course or 4 course sequence that contains equivalent or higher content                               | 4 units, Algebra I, Geometry, Algebra II (or equivalent) and one other higher level course or 4 course sequence that contains equivalent or higher content                               |
| Science                   | 5 units, including two units of advanced science**   | 3 units, including one unit of advanced science**  | 3 units, including one unit of advanced science**  |
| Social Studies            | 3 units  | 3 units  | 5 units  |
| World Languages           | 3 units of one world language, or no less than 2 units of each of two world languages studied  | 3 units of one world language, or no less than 2 units of each of two world languages studied  | 3 units of one world language, or no less than 2 units of each of two world languages studied  |
| Fine Arts                 | 1 unit   | 4 units  | 1 unit   |
| Electives                 | 2 units with a focus in STEM courses   | 2 units with a focus in fine arts course work  | 3 units with a focus in social sciences and/or civics  |
| Grade Point Average (GPA) | 3.5 on a 4.0 <b>unweighted</b> scale   | 3.5 on a 4.0 <b>unweighted</b> scale   | 3.5 on a 4.0 <b>unweighted</b> scale   |
| ACT/SAT Score *           | 27 ACT / 1280 SAT^^^^  | 27 ACT / 1280 SAT^^^^  | 27 ACT / 1280 SAT^^^^  |
| Field Experience          | Complete a field experience and document the experience in a portfolio specific to the student's area of focus^  | Complete a field experience and document the experience in a portfolio specific to the student's area of focus^  | Complete a field experience and document the experience in a portfolio specific to the student's area of focus^  |
| Portfolio                 | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts^^ | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts^^ | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts^^ |
| Additional Assessment     | N/A  | N/A  | N/A  |

### Notes for Honors Diplomas:

For the Academic, Career Tech Honors Diplomas, students who enter the ninth grade between July 1, 2013 and June 30, 2017 may choose to pursue the diploma by meeting the requirements of these criteria or the previous criteria. Students entering the ninth grade on or after July 1, 2017 must meet these criteria.

Completion of any advanced standing program, which includes Advanced Placement, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

Students must meet all but one of the criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met.

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including: ½ unit physical education (unless waived), ½ unit health, ½ unit American History, ½ unit in government, and 4 units in English. The class of 2021 and beyond will need to have ½ unit in world history and civilization as well.

\*Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.

\*\*Advanced science refers to courses that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy.)

\*\*\*Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.

\*\*\*\*The fifth mathematics and science for the STEM honors diploma may be fulfilled with a single course.

^Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

^^The student portfolio is a collection of experiential learning and competencies based on the student's field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus: students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. IF the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.

^^^Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment and a minimum of 6 on the Reading for Information WorkKeys Assessment in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

^^^^These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website. Tables to concord SAT assessments taken prior to March 2016 and further information on test concordance can be found on ODE website.



## Naviance - College and Career Planning Tool

Naviance is a web-based service designed especially for students and parents to help aid in the college and career planning process. Counselors meet with each grade level yearly to discuss Naviance and tools that may be appropriate for college and career planning at that time.

Main features of the Naviance program are the following:

- ❖ Planning and Advising - students can complete online surveys, build a resume, manage tasks and timelines and deadline for making decisions about colleges and career.
- ❖ Researching Careers - students are able to research hundreds of possible careers, complete career cluster and career interest assessments to aid them in choosing possible careers.
- ❖ Researching Colleges - students can research and create a list of colleges that are of interest, manage applications and deadlines for colleges the student plans to apply to, requesting transcripts to be sent to college, look at data of previous CHS students and where they applied.
- ❖ Create Goals and Plans for the Future - create goals, to do tasks and complete any tasks that are assigned to a student by their school counselor to better prepare yourself for your future college and career goals.
- ❖ Communication Tool - counselors are able to share information to students about upcoming meetings, college representative visits, scholarship information and much more.

Students will be given a username and password that they will be able to log in to their accounts at any time. The website can be reached at <https://connection.naviance.com/cloverleafhs>.

### Recommended Four-Year Curriculum/Individual Course Plan

Use the chart below to plan out your schedule for your high school years. When planning remember that many courses require prerequisites that must be met prior to enrolling in a course.

**Most colleges recommend that high school students take the following courses and earn at least a “C” average:**

1. Four credits of English.
2. Four credits of math to include algebra I, geometry and algebra II.
3. Three credits of science to include biology, chemistry and/or physics.
4. Three credits of social studies in addition to ½ credit of economics and financial literacy.
5. Two credits of the same world language.
6. One credit of a fine art.

\*Check individual colleges for their specific requirements.

#### **Freshman Year**

| <u>Recommended</u>                    | <u>My Plan</u> | <u>Credits</u>   |
|---------------------------------------|----------------|------------------|
| English 9                             |                | 1.00             |
| Math                                  |                | 1.00             |
| Science                               |                | 1.00             |
| Social Studies - Modern World History |                | 1.00             |
| Health- must take 9th or 10th grade   |                | .50              |
| Physical Education I                  |                | .25              |
| Fine Art or Other Electives           |                | 1.00-2.00        |
| <b>Total</b>                          |                | <b>5.75-6.75</b> |

### Sophomore Year

| <u>Recommended</u>                | <u>My Plan</u> | <u>Credits</u>   |
|-----------------------------------|----------------|------------------|
| English 10                        |                | 1.00             |
| Math                              |                | 1.00             |
| Science                           |                | 1.00             |
| Social Studies - American History |                | 1.00             |
| Physical Education II             |                | .25              |
| Health                            |                | .50              |
| Fine Art or Other Electives       |                | 1.00- 2.00       |
| <b>Total</b>                      |                | <b>5.75-6.75</b> |

### Junior Year

| <u>Recommended</u>                   | <u>My Plan</u> | <u>Credits</u>   |
|--------------------------------------|----------------|------------------|
| English 11                           |                | 1.00             |
| Math                                 |                | 1.00             |
| Science                              |                | 1.00             |
| Social Studies - American Government |                | 1.00             |
| Fine Art or Other Electives          |                | 1.00             |
| Electives                            |                | 1.00-2.00        |
| <b>Total</b>                         |                | <b>6.00-7.00</b> |

### Senior Year

| <u>Recommended</u>             | <u>My Plan</u> | <u>Credits</u>   |
|--------------------------------|----------------|------------------|
| English 12                     |                | 1.00             |
| Math                           |                | 1.00             |
| Science                        |                | 1.00             |
| Social Studies - elective      |                | .50 -1.00        |
| Economics & Financial Literacy |                | .50              |
| Electives                      |                | .50 -2.00        |
| <b>Total</b>                   |                | <b>5.00-7.00</b> |

# The Ohio High School Athletic Association

OHSAA

Revised 5/17

## IMPORTANT ITEMS TO KNOW

1. A student enrolled in the first grading period after advancement from the eighth grade passing grades are required in a minimum of five subjects in which enrolled in the immediately preceding grading period.
2. All high school students **MUST** be enrolled in and earn passing grades in a minimum of five one-credit courses (or the equivalent) each and every grading period to have continuing eligibility.

## Examples of Determining Student Eligibility – Grades 9 – 12

Passing grades must be received in a minimum of **five** one-credit courses, or the equivalent, in the immediately preceding grading period. To determine credit equivalency, multiply full-year courses by a factor of 1; semester courses by a factor of 2; twelve-week courses by a factor of 3; and nine-week courses by a factor of 4.

### Example 1: 1<sup>st</sup> Nine-Week Grading Period

| Subject              | Grade | Credit & Duration | Factor | Credit Equivalency (Must Equal 5 Units or Equivalent) |
|----------------------|-------|-------------------|--------|---|
| English 10           | C     | 1 – all year      | 1      | $1 \times 1 = 1$                                      |
| Spanish 1            | D     | 1 – all year      | 1      | $1 \times 1 = 1$                                      |
| Health               | B     | 1/2 - semester    | 2      | $1/2 \times 2 = 1$                                    |
| Algebra              | F     | 1 – all year      | 1      | 0   |
| Computers            | C     | 1/2 – semester    | 2      | $1/2 \times 2 = 1$                                    |
| Social Studies       | C     | 1/2 – semester    | 2      | $1/2 \times 2 = 1$                                    |
| <b>Total Credits</b> |       |                   |        | <b>5 = eligible for 2<sup>nd</sup> grading period</b> |

### Example 2: 4<sup>th</sup> Nine-Week Grading Period

| Subject              | Grade | Credit & Duration             | Factor | Credit Equivalency (Must Equal 5 Units or Equivalent)                           |
|----------------------|-------|-------------------------------|--------|---|
| English              | C     | 1 – all year                  | 1      | $1 \times 1 = 1$  |
| O.W.E.               | F     | 2 – all year                  | 1      | 0   |
| O.W.E.               | D     | 1 – all year                  | 1      | $1 \times 1 = 1$  |
| History              | B     | 1 – all year                  | 1      | $1 \times 1 = 1$  |
| Health               | B     | 1/4 – semester                | 2      | $1/4 \times 2 = 1/2$  |
| Typing               | C     | 1/4 – 4 <sup>th</sup> 9 weeks | 4      | $1/4 \times 4 = 1$  |
| <b>Total Credits</b> |       |                               |        | <b>4-1/2 = ineligible for 1<sup>st</sup> grading period of next school year</b> |

## Post-Secondary Option – College Credit Plus – New for 2015-2016

**Note:** If a student is taking all course work at the post-secondary institution under the College Credit Plus program, the calculation of equivalency has changed. Please note that in accordance with Bylaw 4-4-1, all courses taken in College Credit Plus must count toward high school graduation.

In addition, students electing to enroll in CCP must be certain that 1) The faculty members at the post-secondary institution understand that they will need to provide grades or a progress report at the time when the high school's grading period is over, and 2) The student-athlete is taking enough coursework at the post-secondary institution exclusively or between the post-secondary institution and the high school combined to be equivalent to five one-credit courses. Calculating equivalency of credits in the post-secondary institution is conducted in the same manner as in the high school, based on the Carnegie unit. **College courses for which three or more semester hours of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately. This means courses which are four, five, six or even seven hours of credit receive just one Carnegie unit.** Examples of CCP options:

### Example 1: 1st Nine-Week Grading Period

| Subject              | School | Credit & Duration | Credit Equivalency (Must Equal 5 Units or Equivalent)                             |
|----------------------|--------|-------------------|---|
| History              | High   | 1 (year course)   | $1 \times 1 = 1$  |
| Literature           | CCP    | 3 semester hours  | $1 \times 2 = 2$  |
| Calculus             | CCP    | 5 semester hours  | $1 \times 2 = 2$  |
| Biology              | CCP    | 3 semester hours  | $1 \times 2 = 2$  |
| <b>Total Credits</b> |        |                   | <b>7 = eligible for 2<sup>nd</sup> grading period provided all courses passed</b> |

The factor of 2 is used for post-secondary institutions that are on the semester system.

### Example 2: 4th Nine-Week Grading Period

| <u>Subject</u>       | <u>School</u> | <u>Credit &amp; Duration</u> | <u>Credit Equivalency (Must Equal 5 Units or Equivalent)</u>   |
|----------------------|---------------|------------------------------|--|
| French               | CCP           | 5 semester hours             | $1 \times 2 = 2$   |
| Sociology            | CCP           | 3 semester hours             | $1 \times 2 = 2$   |
| Computers            | CCP           | 2 semester hours             | $.67 \times 2 = 1.34$  |
| Geology              | CCP           | 3 semester hours             | $1 \times 2 = 2$   |
| <b>Total Credits</b> |               |                              | <b>7.34 – eligible for 1<sup>st</sup> grading period of next school year<br/>Provided all courses passed</b> |

The factor of 2 is used for post-secondary institutions that are on the semester system. Note that this student is taking all courses at the post-secondary institution, which is acceptable.

For Additional information, contact:

**Ohio High School Athletic Association**  
Telephone: (614) 267-2502 / Fax (614) 267-1677 / Website: ohsaa.org

## Collegiate Athletic Eligibility

### NCAA

The National Collegiate Athletic Association (NCAA) has established a central Eligibility Center to determine initial eligibility for NCAA Divisions I & II student athletes. Here is important information you need to know to assist **Prospective Student Athletes (PSA)** with NCAA eligibility in order to participate in NCAA Division I or II athletics.

- When registering to take the ACT or SAT, each **PSA** should indicate code **#9999** as one of the institutional codes to receive their scores. This will automatically send their official scores to the NCAA Eligibility Center.
- It is required that all **PSA** register online at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)

If you have questions about the NCAA Eligibility, contact:

**NCAA ELIGIBILITY**  
**P.O. BOX 7136**  
**INDIANAPOLIS IN 46207-7136**  
**(877) 262-1492**  
[www.eligibilitycenter.org](http://www.eligibilitycenter.org)

### NAIA

The National Association of Intercollegiate Athletics (NAIA) has established a central Eligibility Center to determine initial eligibility for NAIA student athletes. Here is important information you need to know to assist **Prospective Student Athletes (PSA)** with NAIA eligibility in order to participate in NAIA athletics.

- When registering to take the ACT or SAT, each **PSA** should indicate code **#9876** as one of the institutional codes to receive their scores. This will automatically send their official scores to the NAIA Eligibility Center.
- It is required that all **PSA** register online at [www.playnaia.org](http://www.playnaia.org)

If you have questions about the NAIA Eligibility, contact:

**NAIA ELIGIBILITY CENTER**  
**1200 GRAND BOULEVARD**  
**KANSAS CITY MO 64106**  
**(816) 595-8000**  
[www.playnaia.org](http://www.playnaia.org)

# Scheduling Procedures-Notes

## Course Placement-Remediation/Support Classes

It is the goal of Cloverleaf High School that all students graduate prepared for their post high school goals. To that end, we monitor student progress to learn about our students' needs so that we can effectively meet them. If our assessment of a student's progress indicates the need for added support or remediation in Math or Reading, that student may be assigned to a course designed specifically to help ensure his/her continued progress in the deficit area. An inquiry to opt out of such a placement would require a discussion/ meeting with both the Principal and School Counselor to review the data that led to the placement; however, such a meeting would not necessarily result in the child's removal from the course.

## Course Placement-Honors Classes/Gifted Services

It is the goal of CHS that students pursue coursework that will challenge and grow them as lifelong learners. Students who pursue advanced-level coursework in high school not only generally perform better on college entrance exams, but find the experience of more challenging courses to be motivating and engaging. The College Board reports that the rigor of a student's high school curriculum, **not** GPA, is the single best predictor of success in college.

In accordance with Ohio law and best practices in education, Cloverleaf Local Schools administers testing to identify students who are gifted or high achieving in one or more areas. If our assessment of a student indicates outstanding competence or aptitude in one or more disciplines, the student will be assigned to courses specifically designed to meet his/her needs as a gifted or high-achieving learner. An inquiry to opt out of such a placement would require a discussion/meeting with the School Counselor to review the data that led to the placement.

Students who meet any of the following criteria will be placed in or may pursue Advanced Level Coursework (includes Honors and Advanced Placement-AP):

- Identified as gifted in the target area
- Demonstrated aptitude and performance in the academic area (**A** average in prerequisite course or teacher recommendation)
- **Any** student who is exceptionally motivated to pursue advanced level work and who understands the diligence, hard work, and sacrifices that pursuing more rigorous coursework will require (with parent approval).

Once enrolled in an advanced level course, a student's desire to "drop down" to a regular level course will be considered on a case by case basis looking at factors such as student motivation, work habits, ability, or extenuating circumstances.

## Physical Education Waiver/Exemption

Students who plan to use the PE waiver must complete TWO full seasons of one of the following activities and in any combination:

- CHS Interscholastic Sport
- CHS Marching Band or Flag Auxiliary
- CHS Cheerleading

Once a student has successfully completed TWO seasons of the above activities they may obtain a PE waiver form from the guidance office. The student will need to fill out and obtain signatures from a parent, athletic director or band director and return completed form into the guidance office. (It is highly encouraged that these two seasons are completed by the end of the student's junior year.)

## **Senior Privilege**

Seniors may apply to be considered for Senior Privilege. Seniors qualifying for Senior Privilege may carry a minimum course load of FIVE courses (instead of the normally required course load of SIX). Qualifying seniors may elect to use this “extra” free period for an extra Study Hall, in a service capacity such as Office Aide or Guidance Aide or to leave school one period early or arrive one period late (if qualifying senior’s schedule permits).

To Qualify for Senior Privilege, the student must:

- Have earned at least 18 credits towards graduation **and** have met the state’s testing points requirements.
- Continue to **pass** all classes during the senior year. A failing grade at the end of any reporting period will disqualify the student for this privilege. A student who loses his/her senior privilege status will report to study hall until such time that s/he again qualifies (passing at the end of a nine week period).
- Not be at risk for meeting all graduation requirements
- Obtain parent and guidance counselor approval.
- Sign application in which the student agrees to these privilege parameters.
- Understand that since early release requires an “empty” 1<sup>st</sup> or 7<sup>th</sup> period slot, not all schedules will permit early release. ***Ensuring that the student stays on track for graduation supersedes the student’s desire for early release.***

## Course Listings by Department

|                                     |                  |  |                  |
|-------------------------------------|------------------|--|------------------|
| <b><u>ART</u></b>                   | <b><u>CR</u></b> | <b><u>P.E. Electives</u></b>                   |                  |
| Foundations of Art                  | 1/2              | Advanced GET FITT                              | 1/2              |
| Advanced 2D Art                     | 1/2              | Advanced Lifting                               | 1/2              |
| Advanced Ceramics                   | 1/2              | Advanced Individual & Team Sports              | 1                |
| Advanced Placement Art              | 1                | Adapted Physical Education<br>"Colt Companion" | 1/2              |
| Art Experiences                     | 1/2              |  |                  |
| Computer Art                        | 1/2              | <b><u>INDUSTRIAL &amp; COMPUTER TECH</u></b>   | <b><u>CR</u></b> |
| Mixed Media 3D                      | 1/2              | Computer Applications                          | 1/2              |
| Portfolio Preparation               | 1                | Home Maintenance                               | 1/2              |
| Senior Art                          | 1/2              | Introduction to Computer Science               | 1/2              |
|                                     |                  | Mechanical Drawing I (CAD)                     | 1/2              |
| <b><u>ENGLISH</u></b>               | <b><u>CR</u></b> | Mechanical Drawing II (AUTO CAD)               | 1/2              |
| English 9                           | 1                | Plastics                                       | 1/2              |
| English 9 Honors                    | 1                | Web Design                                     | 1/2              |
| English 10                          | 1                | Woods I  | 1/2              |
| English 10 Honors                   | 1                | Word Processing                                | 1/2              |
| English 11 Academic                 | 1                |  |                  |
| English 11 Honors                   | 1                | <b><u>MATHEMATICS</u></b>                      | <b><u>CR</u></b> |
| English 12 Academic                 | 1                | Algebra IA                                     | 1                |
| English 12 Advanced Placement-      |                  | Algebra IB                                     | 1                |
| English Literature & Composition    | 1                | Algebra I Academic                             | 1                |
| English Advanced Placement-         |                  | Geometry Academic                              | 1                |
| Language & Composition              | 1                | Geometry Honors                                | 1                |
| English Composition I (CCP)         | 1CHS/3UA         | Algebra II                                     | 1                |
| English Composition II (CCP)        | 1CHS/3UA         | Algebra II Academic                            | 1                |
|                                     |                  | Algebra II Honors                              | 1                |
| <b><u>Electives</u></b>             |                  | Functions, Statistics & Trigonometry           | 1                |
| Advanced Theatre                    | 1/2              | Pre-Calculus Honors                            | 1                |
| Yearbook Staff                      | 1                | Math Analysis (PDM)                            | 1                |
| Creative Writing                    | 1/2              | Probability & Statistics                       | 1/2              |
| Debate                              | 1/2              | Trigonometry                                   | 1/2              |
| Introduction to Theatre             | 1/2              | Calculus - Advanced Placement                  | 1                |
| Introduction to Journalism          | 1/2              | Statistics - Advanced Placement                | 1                |
| Journalism                          | 1                |  |                  |
| Reading for Pleasure                | 1/2              | <b><u>MUSIC</u></b>                            | <b><u>CR</u></b> |
| Reading Skills and Strategies       | 1/2              | <b><u>General</u></b>                          |                  |
| Senior Composition                  | 1/2              | Beginning Guitar                               | 1/2              |
| Speech                              | 1/2              | Intermediate Guitar                            | 1/2              |
|                                     |                  | Creative Songwriting                           | 1/2              |
| <b><u>HEALTH</u></b>                | <b><u>CR</u></b> | Drumming Circles                               | 1/2              |
| Health                              | 1/2              | Music in Our Lives                             | 1/2              |
| <b><u>Electives</u></b>             |                  | Music Theory I                                 | 1/2              |
| Leadership                          | 1/2              | Music Theory II                                | 1/2              |
| Sports Nutrition                    | 1/2              |  |                  |
|                                     |                  | <b><u>Instrumental</u></b>                     |                  |
| <b><u>PHYSICAL EDUCATION</u></b>    |                  | Concert Band                                   | 1                |
| Physical Education I                | 1/4              | Wind Ensemble                                  | 1                |
| Physical Education II               | 1/4              | Band & Vocal Combination                       | 1                |
| Adapted Physical Education I and II | 1/4              | Marching Band                                  | 1/2              |
|                                     |                  | Flag Auxiliary                                 | 1/2              |

***Vocal***

|                            |   |
|----------------------------|---|
| Band & Vocal Combination   | 1 |
| Intro to High School Choir | 1 |
| Advanced High School Choir | 1 |
| Swing Choir                | 1 |

**SCIENCE**

|                                       |           |
|---------------------------------------|-----------|
| Anatomy and Physiology                | 1/2       |
| Applied Science                       | 1/2       |
| Biology                               | 1         |
| Biology Honors                        | 1         |
| Biology - Advanced Placement          | 1         |
| Chemistry                             | 1         |
| Chemistry Honors                      | 1         |
| Chemistry - Advanced Placement        | 1         |
| Environmental Science                 | 1/2       |
| Exploration of Robotics               | 1/2       |
| Intro. to Biotechnology (CCP)         | 1CHS/3ASH |
| Molecular & Cell. Basis of Life (CCP) | 1CHS/4ASH |
| Physical Science                      | 1         |
| Physics                               | 1         |
| Physics - Advanced Placement          | 1         |
| Robotics                              | 1/2       |

**SOCIAL STUDIES**

|                                |     |
|--------------------------------|-----|
| Modern World History           | 1   |
| Modern World History Honors    | 1   |
| American History               | 1   |
| Advanced Placement –           |     |
| United States History          | 1   |
| American Government            | 1   |
| Advanced Placement –           |     |
| American Government & Politics | 1   |
| Economics & Financial Literacy | 1/2 |

**Electives**

|                                     |          |
|-------------------------------------|----------|
| Contemporary World Issues           | 1/2      |
| Advanced Placement –                |          |
| European History                    | 1        |
| History and Hollywood               | 1/2      |
| King Arthur to Queen Elizabeth      | 1/2      |
| Law                                 | 1/2      |
| Mock Trial I                        | 1/2      |
| Mock Trial II                       | 1/2      |
| Psychology                          | 1/2      |
| Sociology                           | 1/2      |
| The Space Race                      | 1/2      |
| World Geography                     | 1/2      |
| United States History to 1877 (CCP) | 1CHS/4UA |

**VOCATIONAL**

|                          |   |
|--------------------------|---|
| Career Connections 9     | 1 |
| Career Connections 11/12 | 1 |
| CBI Work Study 9/10      | 1 |
| CBI Work Related 9/10    | 1 |

**WORLD LANGUAGE**

|                         |           |
|-------------------------|-----------|
| French I                | 1         |
| French II               | 1         |
| French III              | 1         |
| French IV               | 1         |
| Spanish I               | 1         |
| Spanish II              | 1         |
| Spanish III             | 1         |
| Spanish IV              | 1         |
| Spanish CCP (Level 101) | 1 CHS/4UA |
| Spanish CCP (Level 102) | 1 CHS/4UA |

\*\*\*NOTE\*\*\*The course descriptions that follow include information regarding fees. These fees are currently under review and may change for the 2018/19 school year.



## When will I ever use Art?

### RELATED ACTIVITIES:

### CAREER CONNECTION

#### **Fine Art**

Airbrush artist  
Architectural illustrator  
Book illustrator  
Special effects make up  
Technical / textbook illustrator  
Mural artist/ Tattoo artist  
Court room artist  
Cartoonist  
Jeweler  
Weaver  
Glass artist  
Potter/Ceramicist

#### **Fashion/Textiles**

Accessory designer (Shoes, bags, hats)  
Dressmaker/ Embroiderer  
Fashion consultant  
Fashion designer  
Fashion merchandising  
Costume designer  
t-shirt designer

#### **Spatial Design**

Architect  
Landscape architect  
Theme park/ golf course design  
Interior designer  
Theater set /stage design

#### **Graphic Design**

Logo brand designer  
Advertisement designer  
Typographer/ Sign writer  
Magazine layout designer  
Book/eBook designer  
Packaging designer  
Calendar / wallpaper designer

#### **Digital design/Multi-Media**

Animator /Story board illustrate  
Concept artist  
Web designer  
App designer  
Television / film producer  
Documentary filmmaker  
Film editor  
Special effects designer  
Video game designer  
You Tube video creator

#### **3D product design**

Industrial designer  
Toy designer  
Miniature model maker  
Prop designer  
Food product designer  
Wood turner / carver  
Mosaic designer

#### **Photography**

Advertising photography  
Fashion photographer  
Photo journalist  
Wedding photographer

#### **People Management**

Art teacher  
University professor  
Private art instructor  
Art therapist  
Art dealer/ Artist agent  
Gallery owner  
Museum curator/ Online curator  
Personal stylist  
Art Supplies retailer/picture framer

#### **Writing Analytical**

Art historian  
Art critic  
Arts and cultural planner  
Website owner/ blogger  
Graphic novel author

# ART

**(The structure of courses in the art department has changed in order to better accommodate upper level students' course selections. Please see your counselor or Mrs. Krueger if you need assistance in selecting the appropriate art courses for your level.)**

## **002001 FOUNDATIONS OF ART (formerly Foundations of art 2D or 3D)**

Students will work with a variety of materials and media in preparation for more advanced instruction. This course will teach basic art skills to enable each student to be artistically confident, regardless of native ability. The focus of this beginning course will be the introduction of art elements and principles of design. These tools are necessary for the creation of artwork in two and three-dimensional forms. The course is constructed around highly visual projects that expose students to a variety of media.

Prerequisite: None  
Open to 9/10/11/12  
Credit: 1/2  
Fee: \$20.00 (Art supplies)  
Course Length: 1 Semester

**(Students must take Foundations of Art before taking other art courses at the high school. It should be taken during the freshman year to enable students to take art all 4 years at Cloverleaf and produce a portfolio for the annual Arts Expo their senior year. It is required freshman year if the student wants to take AP art his or her senior year.)**

## **002010 ADVANCED 2D ART (formerly drawing and painting)**

Drawing and painting are foundational skills for students who take art. In this course, students will draw from life in order to create realistic drawings and paintings. A variety of 2D media and techniques are explored. Students gain experience working with figures, portraits, animals, still life and perspective drawing. Students learn color theory and how to create effective colors schemes in paintings. Skill in the use of brushes and other painting tools is developed. Originality, creativity, and self-expression are encouraged in this studio course. This course is valuable for all students interested in future art studies. Sketchbooks are required for this class as daily sketchbook assignments are part of the course

Prerequisite: Foundations of Art (must have a grade of C+ or better)  
Open to: 9/10/11/12  
Credit: 1/2  
Fee: \$30.00 (Art supplies)  
Course Length: 1 Semester (Course can be repeated more than once)

## **002110 ADVANCED CERAMICS**

This is an advanced level course for students seeking to develop their ceramic building skills. Students create pottery using the hand-forming techniques of pinch, coil, slab, mold, and sculptural modeling. Ceramic history and current trends will be explored to understand the vocabulary and concepts that support the ceramic artwork students create. The firing and glazing process is introduced. Projects include both functional and decorative pottery, sculptural modeling, dishes, and others. Students will be introduced to independent exploration of the potter's wheel when repeating this course.

Prerequisite: Foundations of Art (must have grade of C+ or higher)  
Open to: 9/10/11/12  
Credit: 1/2  
Fee: \$25.00 (Art supplies)  
Course Length: 1 Semester (Course can be repeated more than once)

## **002220 ADVANCED PLACEMENT ART**

AP Studio Art is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. AP Studio Art sets a national standard for performance in the visual arts that contributes to the significant role the arts play in academic environments. The AP studio Art program is a cooperative endeavor that helps high school students complete college-level courses and permits colleges to evaluate, acknowledge, and encourage that accomplishment through the grading of appropriate credit and placement. Students will submit their portfolios in May for a fee. Fee waivers are available for those who qualify.

In addition to extensive in-class studio work in drawing, painting and design, students will select a particular visual topic of interest. Portfolios share a basic three-section structure which requires the student to show competence, demonstrate a depth of investigation, and process of discovery through the Concentration section, the Breadth sections and the Quantity section. A significant amount of outside work is required. Summer homework may be required.

Developing time-management skills is essential for students to maintain a passing grade. Students that are not passing this course at the end of the first semester will be moved to the regular art class for the second semester. Grades in the course will be weighted.

The instructional goals of the AP Studio Art program can be described as follows:

- Encourage creative, as well as systematic investigation of formal and conceptual issues.
- Emphasize making art as an ongoing process that involves the student in informed and critical decision making.
- Help students develop technical skills and familiarize them with the functions of the visual elements.
- Encourage students to become independent thinkers who will contribute inventively and critically to their culture through the making of art.

Students hoping to take this course will want to follow this track: Freshman year- Foundations of Art, Advanced 2D, Sophomore year - Digital Design, Mixed Media 3D or Advanced Ceramics, Junior year - Portfolio Preparation as a minimum

Prerequisite: Foundations of Art, Advanced 2D, Digital Design, (Mixed Media 3D or Advanced Ceramics), and Portfolio Preparation. A signature is required from Mrs. Krueger.

Open to: 12

Credit: 1

Fee: \$50.00 (Art supplies) + the cost of the exam

Course Length: All year

## **002210 ART EXPERIENCES**

In this course, you will gain a greater understanding of how art relates to your personal life. This will be accomplished through continued exploration of art in such media as paint, clay, paper mache, sculpture, and mixed media collage. You will have the opportunity to read about art and talk about what you find interesting about art. This course is geared towards students who want to have a more deliberate in depth exploration of a variety of art media. This class requires a signature from Mrs. Krueger and guidance counselor recommendation.

Prerequisite: Foundations of Art with guidance counselor recommendation and Mrs. Krueger's signature

Open to: 9/10/11/12

Credit: 1/2

Fee: \$25.00 (Art supplies)

Course Length: 1 Semester

**002080 DIGITAL DESIGN (formerly digital art and graphic design)**

Students will blend digital tools and multimedia processes with art techniques to create works of art. Students develop a better understanding of and improved skill in Creative technology use. Students will do a majority of their artwork with the computer. Students will work in depth with PhotoShop and learn the basics of Illustrator. It is possible that students will work to create animation videos using Movie Maker and Flash software. The graphic arts may be explored by learning screen printing techniques. Students may use digital drawing, painting, video, sound, and imaging techniques as they explore ways to make artwork using technology.

Prerequisite: Foundations of Art (must have a grade of C+ or higher)

Open to: 9/10/11/12

Credit: 1/2

Fee: \$25.00 (Art supplies)

Course Length: 1 Semester (Course can be repeated more than once)

**002150 MIXED MEDIA 3D (formerly crafts and sculpture)**

Students in this studio course explore art through the study of traditional and contemporary crafts and sculpture. Many techniques will be explored. Students may be creating both functional and decorative artworks as they gain mastery of chosen techniques. The areas of study may include fiber arts, foam core construction, polymer clay, plaster, wood, paper-mache, and found object. Students create unique expressive artworks that communicate personal meaning and values. Students use the principles of design and elements of art to express themselves three dimensionally. Emphasis is placed on creating hand-made art. Projects such as masks, relief, figure, abstract, and animal sculpture may be created to explore art using traditional and contemporary techniques. The students are required to supply additional materials and tools.

Prerequisite: Foundations of Art (must have a grade of C+ or higher)

Open to: 9/10/11/12

Credit: 1/2

Fee: \$30.00 (Art supplies)

Course Length: 1 Semester (Course can be repeated more than once)

**002200 PORTFOLIO PREPARATION (formerly advanced art)**

This upper level course is designed to prepare the serious art student for study at the collegiate level. The development of a portfolio is critical for admission and scholarship applications to advanced study in the visual arts after high school. This studio course is for experienced junior and senior art students who want to fully develop their skills in painting, drawing, ceramics, crafts, and sculpture. Students will create art from a thematic viewpoint developing work for inclusion in their portfolio. Media used will include acrylic, watercolor, pencil, ink, clay, pastel (chalk and oil), plaster, wire, and others. Students will create a variety of 2-D and 3-D work using their chosen theme as a starting point. Emphasis is placed on creativity and craftsmanship as students create artworks defining their grasp of art theory. Students use digital technology to create artwork and presentations. Seniors who want to have a portfolio display in the annual arts expo must take this class. This course has a written component. You must show a visual portfolio of your work for entrance into this class.

Prerequisite: Foundations of Art, Advanced 2D, Digital Design AND 3-D Mixed Media OR Advanced Ceramics. (A signature is required from Mrs. Krueger. This class may be taken junior year by any student who wants to do AP art as a senior.)

Open to: 11 and 12 (signature from Mrs. Krueger required)

Credit: 1

Fee: \$50.00 (Art supplies)

Course Length: All year (Course can be repeated more than once)

**002230 SENIOR ART**

Senior Art is for students who enjoy art and want to further develop their artistic talents. The students will learn the importance of creativity and design while developing a lifelong appreciation for the arts. The students will have studio experience in ceramics, crafts, drawing and painting.

Prerequisite: Foundations of Art and one other art course (a grade of B or better in all prerequisites)

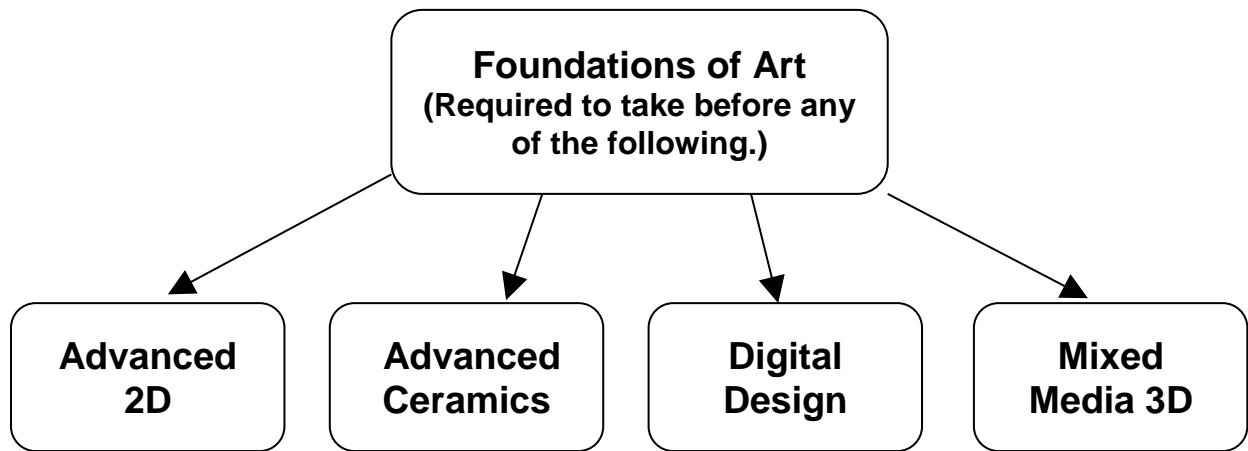
Open to: 12

Credit: 1/2

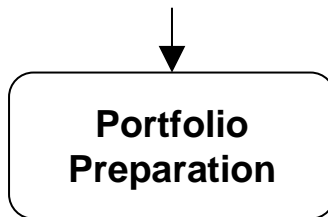
Fee: \$25.00 (Art supplies)

Course Length: 1 Semester

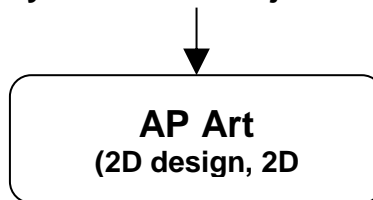
**ART SEQUENCE**



(Any of the courses above may be taken more than once. Student will have some choice in subject matter when the course is repeated.)



(This course may be taken both junior and senior year.)



# When will I ever use ENGLISH LANGUAGE ARTS?

## RELATED ACTIVITIES: RELATED CAREER-TECHNICAL PROGRAM:

Newspaper Staff  
Yearbook Staff  
Speech/Debate Team  
Drama Productions  
WCTV Productions  
Right to Read Week  
Poetry, Short Story, Essay contests  
Council of National Teachers of English competition  
Media/Communication  
Business Co-op

## CAREER CONNECTIONS:

### 4-Year College

Advertising  
Business Management  
Education  
Film Industry  
Government Agencies  
Human Services  
Librarian  
Insurance Firm  
Magazines, Newspapers  
Personnel Department  
Political Action Group  
Public Relations  
Radio/Television  
Psychology  
Sociology  
Writer  
Law  
Political Science  
Hospitality/Hotel Mgmt.  
Counseling  
Theater Production, Mgmt.  
Criminal Justice

### 2-Year College

Travel Agent  
Business Management  
Government Agencies  
Human Services  
Insurance Agency  
Court Reporting  
Executive Secretary  
Hospitality/Hotel Mgmt.  
Legal Assistant  
Social Services  
Stage Production  
Medical Secretary  
Broadcasting  
Transportation Mgmt.  
Real Estate Agent  
Postal Management  
Nanny  
Police, Security  
Library Aide  
Teacher Training Experience  
Child Care

### High School

Government Agencies  
Media/Communications  
Business Management  
Secretary, Clerk  
Word Processor  
Teacher Training Experience  
Child Care

## ENGLISH LANGUAGE ARTS

### 003040 ENGLISH 9

Ninth grade English class curriculum includes a review of grammar aligned with the Common Core Curriculum. There is a strong emphasis on writing skills, proofreading and rewriting. Grammar skills are applied to the writing assignments. Writing assignments begin with paragraphs and progress to longer essays. Literature study includes reading *Romeo and Juliet*, a contemporary paperback novel, short stories and poetry. There is a strong emphasis on vocabulary development and figurative language through literature.

Prerequisite: None

Open to: 9

Credit: 1

Fee: \$8.00 (Novel)

Course Length: All Year

### 003120 ENGLISH 9 - HONORS

Ninth grade Honors English emphasizes higher level thinking skills and problem solving. The Academic English Curriculum is covered, and enrichment activities are planned to supplement each unit of study. In grammar, the students are expected to master identification and use of parts of speech, and clauses. In literature the students analyze selected short stories, interpret Shakespeare's *Romeo and Juliet*, and compare it to *West Side Story*. Students read various novels, which may include *A Tale of Two Cities*, *To Kill a Mockingbird* and *A Separate Peace*. Opportunities to develop oral communication skills are provided through impromptu speeches, as well as planned and researched oral presentations. Vocabulary development is stressed and encouraged in both expository and creative writing.. The class requires summer reading.

Open to: 9

Credit: 1

Fee: None

Course Length: All Year

### 003020 ENGLISH 10

English 10 is a course designed for the college bound student as well as those students heading for the career center. The student reads a wide variety of literature including works by Shakespeare and other classic and modern authors. The student also continues to develop skills in grammar begun in English 9. A composition study for this course includes a review of basic methods of paragraph development and at least one composition per grading period.

Prerequisite: English 9

Open to: 10

Credit: 1

Fee: \$8.00 (Novel)

Course Length: All Year

**003000 ENGLISH 10 - HONORS**

The purpose of this course is to challenge the academically enriched student. Several literary genres will be surveyed, including the short story, novel, essay, epic, autobiography/diary, and the play, in an extended analysis of man's search for wisdom and the effects of his choices on himself and his world. Selections may include *Anthem*, *Frankenstein*, *Lord of the Flies*, *Antigone*, *The Odyssey*, *Julius Caesar*, and others. Vocabulary development is continued from previous years. Major emphasis will also be placed on the study of grammar and syntax. Written papers are assigned to develop in depth the perception of the student. Summer reading is required.

Prerequisite: English 9

Open to: 10

Credit: 1

Fee: None

Course Length: All Year

**003060 ENGLISH 11 - ACADEMIC**

English 11 A is a required course designed for the college bound student. The student will be doing a literary study of American Literature with an emphasis on analysis, historical context, and literary terms. Students should be prepared for some lengthy reading passages as well as being prepared to look at the techniques authors use when they write. At the same time students will work on improving their writing and researching skills. Students may be required to write a research paper and produce other projects associated with the literature of the time period. Possible novels include: *The Scarlet Letter*, *Fahrenheit 451*, *The Great Gatsby* and or independent reading choices. A review of grammar for writing and ACT / SAT tests is another possible component of the class.

Prerequisite: English 10

Open to: 11

Credit: 1

Fee: \$6.00 (Novel)

Course Length: All Year

**003070 ENGLISH 11 - HONORS**

This course is designed for the superior eleventh grade English student. Students enrolling for this honors course must be willing to be challenged both in and out of the classroom. The main emphasis of the course will be on writing and literature. Summer reading is required. Each student is required to complete a literary analysis paper.

The focus curriculum is British and American Literature in preparation for English 12-Advanced Placement or English 12-Academic.

Prerequisite: English 10

Open to: 11

Credit: 1

Fee: None

Course Length: All Year



### **003090 ENGLISH 12 - ACADEMIC**

This is the academic course designed for college bound students and is required of all students in the track. The course includes a study of British literature starting with the Anglo-Saxons through the Modern Period. The student continues to expand upon the grammatical study of English 11A; composition study is further refined. Students will complete a comprehensive course project that covers all strands of the Ohio English/Language Arts Curriculum. A formal research paper or literary analysis will be required. Students will examine the works of authors such as Chaucer, Shakespeare, Milton, Wordsworth, Coleridge, Shaw and Wilde. Students will read and study a British novel such as *Frankenstein*, *Dr. Jekyll and Mr. Hyde* and/or *Rebecca* or *Wuthering Heights*.

Prerequisite: English 11 Academic

Open to: 12

Credit: 1

Fee: \$8.00 (Novel)

Course Length: All Year

### **003100 ENGLISH 12 – ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION**

Students will be selected for this class based upon several criteria, such as teacher recommendation, reading level, and the ability to express ideas both verbally and through composition. In this course students will learn to use various methods of expression and to recognize the assumptions underlying various rhetorical strategies. Through speaking, reading, and chiefly through the experiences of their own writing, students will become more aware of nuances of language, connotation, metaphor, irony, symbolism, syntax and tone. The class includes composing expository, argumentative, and personal essays and some excursions into the writing of fiction. The class also includes careful reading and study of a wide range of literature. **Students are required to take the Advanced Placement exam.**

Prerequisite: English 11

Open to: 12

Credit: 1

Fee: Cost of AP Exam

Course Length: All Year

### **003099 ENGLISH – ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION**

Students will be selected for this class based upon several criteria, such as teacher recommendation, reading level, and the ability to express ideas both verbally and through composition. In this course students will learn to use various methods of expression and to recognize the assumptions underlying various rhetorical strategies. Through analyzing prose passages drawn from a variety of sources, rhetorical modes, historical or literary periods, and disciplines, students will become aware of how an author creates meaning through language use, genre conventions, and rhetorical choices. The class includes composing expository and analytical writing.

**Students are required to take the Advanced Placement exam.**

Prerequisite: English 10 (and English 11 if scheduling the class for senior year)

Open to: 11 and 12

Credit: 1

Fee: Cost of AP Exam

Course Length: All Year

**003111 CCP COLLEGE COMPOSITION I (Students must be admitted to The University of Akron.)**

Students read academic articles and write summaries, responses, and essays. Students learn to incorporate ideas and quotations from academic texts into formal essays. Students will document their sources in MLA style, and revise effective, coherent papers in order to create a portfolio of written work. Students will earn three (3) credit hours of college credit through The University of Akron guaranteed to transfer to any state school in Ohio, receive credit for the course ENG-111, and will earn one full high school English credit.

Prerequisite: **Class will be offered and conducted at Cloverleaf High School. Students MUST BE ADMITTED to The University of Akron.**

Open to:

Credits: 1 (CHS) and 3 (U. of A.)

Fee: Failure in this course means that the student must pay the district's cost for the course.

Course Length: 1 Semester

**003112 CCP COLLEGE COMPOSITION II (Students must be admitted to The University of Akron.)**

This is a course in argument and research writing. Students read issue based works and write summaries, responses, and an argument and research paper. Students learn to organize research projects, find and evaluate sources, incorporate ideas and quotations from sources, document their sources in MLA and APA style, and use argumentative strategies and persuasive appeals in order to prepare and revise effective, coherent papers. This is a blended-learning course, where students attend three day's worth of class and use extra time out of class to complete tasks and participate in a learning environment online. Students will earn three (3) credit hours of college credit through The University of Akron, guaranteed to transfer to any state school in Ohio, receive credit for the course ENG-111, and will earn one full high school English credit.

Prerequisite: **Class will be offered and conducted at Cloverleaf High School. Students MUST BE ADMITTED to The University of Akron;** and must have completed 003111 CCP College Composition I.

Open to:

Credits: 1 (CHS) and 3 (U. of A.)

Fee: Failure in this course means that the student must pay the district's cost for the course.

Course Length: 1 Semester

**ENGLISH ELECTIVES**

**NOTE: These courses are electives and cannot be substituted for English graduation requirements.**

**003340 ADVANCED THEATRE – ACTING AND DIRECTING**

Students will participate in activities to develop characterization. There will be activities that center on pantomime, voice, improvisation, and building the total character. The students will have the opportunity to practice all aspects of directing and theatrical production.

Prerequisite: Introduction to Theatre

Open to: 10/11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

**000360 YEARBOOK STAFF**

The student involved in this class will help produce the high school yearbook. Some of the requirements for the students will be to sell advertising in the community, sell yearbooks to the student body, learn how to plan layouts, take photos and write copy. The student must be aware of budgeting and cost accounting. A scrapbook project will be used as a final assessment at the end of each semester. Students must be proficient in Design, Photo Shop and computer skills.

Prerequisites: C or above in English; application process. Students must maintain a C or above in Semester 1 in order to continue to Semester 2.

Open to: 11/12

Credit: 1

Fee: None

Course Length: All Year

**003230 CREATIVE WRITING**

This course is designed for the serious writer who would like to further their expository writing skills and display their creative writing ability. The writing assignments may include activities such as the book review, the short story, poetry, dramatic writing and creative nonfiction essays. The student enrolling in this course should have knowledge of basic paragraph development and sentence structure.

Prerequisite: English 9

Open to: 10/11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

**003240 DEBATE**

This course is designed to assist students in developing critical and analytical reasoning and to provide the challenge of competition. The course will examine types of debate, and the course of action involved for the affirmative and negative teams. Students will learn how to organize both cases, how to support their own case, attack their opponents and defend their own.

Prerequisite: C or above in English

Open to: 11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

**003210 INTRODUCTION TO THEATRE**

This course is an introduction to all aspects of the theater and drama. The course will center on studying the history of drama, and reading and analyzing plays from different time periods and cultures. The student will watch, review, and analyze various plays and musicals. Basic aspects of theatrical production are also included in the course.

Prerequisite: None

Open to: 9/10/11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

### **003310 INTRODUCTION TO JOURNALISM**

This course will teach journalistic writing, the ethics behind a news story, and how to build a solid news story. There will be a strong focus on how to write lead paragraphs that attract attention. Other topics will include proper procedures for gathering information and how to write a news story. Students will also learn to write feature stories, sports stories, opinion editorials, and much more. The course then moves on to have the students take all these newly-learned skills and use them in a practical (hands-on) experience.

Prerequisite: None  
Open to: 9/10/11/12  
Credit: 1/2  
Fee: \$3.00 (Online newspaper domain)  
Course Length: 1 Semester

### **003311 JOURNALISM**

This class will be responsible for producing the school news publications, from beginning to end. Experience will include selling advertisements, organizing sections, copy editing, writing articles, interviewing, computer layout of magazine, editorial decisions and working with others in a “real” news organization. Depending on students’ years of experience, there will be different jobs and opportunities concerning the publishing of the news magazine. This class produces a weekly newspaper and maintains a website full of student news. The students in this course will write, produce, edit, and deliver the daily television news announcements for Cloverleaf High School. Students should have good writing, editing, speaking and interviewing skills. Classmates will share the different responsibilities and aspects of television journalism.

Prerequisites: C or better in English, Introduction to Journalism  
Open to: Grade 10/11/12  
Credit: 1  
Fee: \$6.00 (Online newspaper domain)  
Course Length: All Year

### **003290 READING FOR PLEASURE**

*“Reading is to the mind what exercise is to the body.” --Sir Richard Steele*

If you enjoy reading books YOU choose to read, this elective is for you! The purpose of this class is to explore and expand our world through student-selected reading. Students will read four-five books during the semester. The first book will be chosen by the teacher; the following books may be selected by the group of students enrolled in the section. Selections may include classics novels, current fiction, young adult fiction, non-fiction, and drama. Students may examine the concept of banned books and read one that is no longer banned as an example. Large and small-group discussions, journal responses, oral presentation, and projects will be among the assessments. Each student will be responsible for obtaining his/her own books either through a library or private purchase.

Prerequisite: English 8  
Open to: 9/10/11/12  
Credit: 1/2  
Fee: None  
Course Length: 1 Semester

\*Students may take Reading for Pleasure more than once during his/her high school career. The reading selections will differ each time the class is offered.

**003001 READING SUPPORT**

This course is designed to assist students with reading comprehension and fluency. The students learn a variety of reading and test-taking strategies that can be used in all courses. Students learn and practice strategies like drawing conclusions, making predictions, making inferences, and determining the main idea of various genres of text, including both fiction and non-fiction. There is an emphasis on understanding text structures such as cause/effect, problem/solution, chronological order and main idea/supporting details.

Prerequisite: By placement only

Open to: 9

Credit: 1/2

Fee: \$3.00 (Scope Magazine)

Course Length: All year (twice per week)

**003250 SENIOR COMPOSITION: ADVANCED GRAMMAR AND WRITING**

This course includes college level work in composition with an emphasis on critical analysis and an intensive study of grammar and vocabulary. Students will be instructed in the advanced writing process and should therefore expect to do extensive writing throughout the course. Papers will be modeled on potential college assignments. This course should be taken by students preparing for college in addition to AP English Literature and Composition.

Prerequisite: English 11 or English 11 Honors

Open to: 12

Credit: 1/2

Fee: None

Course Length: 1 Semester

**003200 SPEECH**

This course is designed to give the student all the basics needed for good public speaking. This course stresses fundamental speech skills and techniques. Organizational and outline skills will also be covered. Students will give speeches to inform, to persuade and to demonstrate. All facets of good public speaking will be covered.

Prerequisite: None

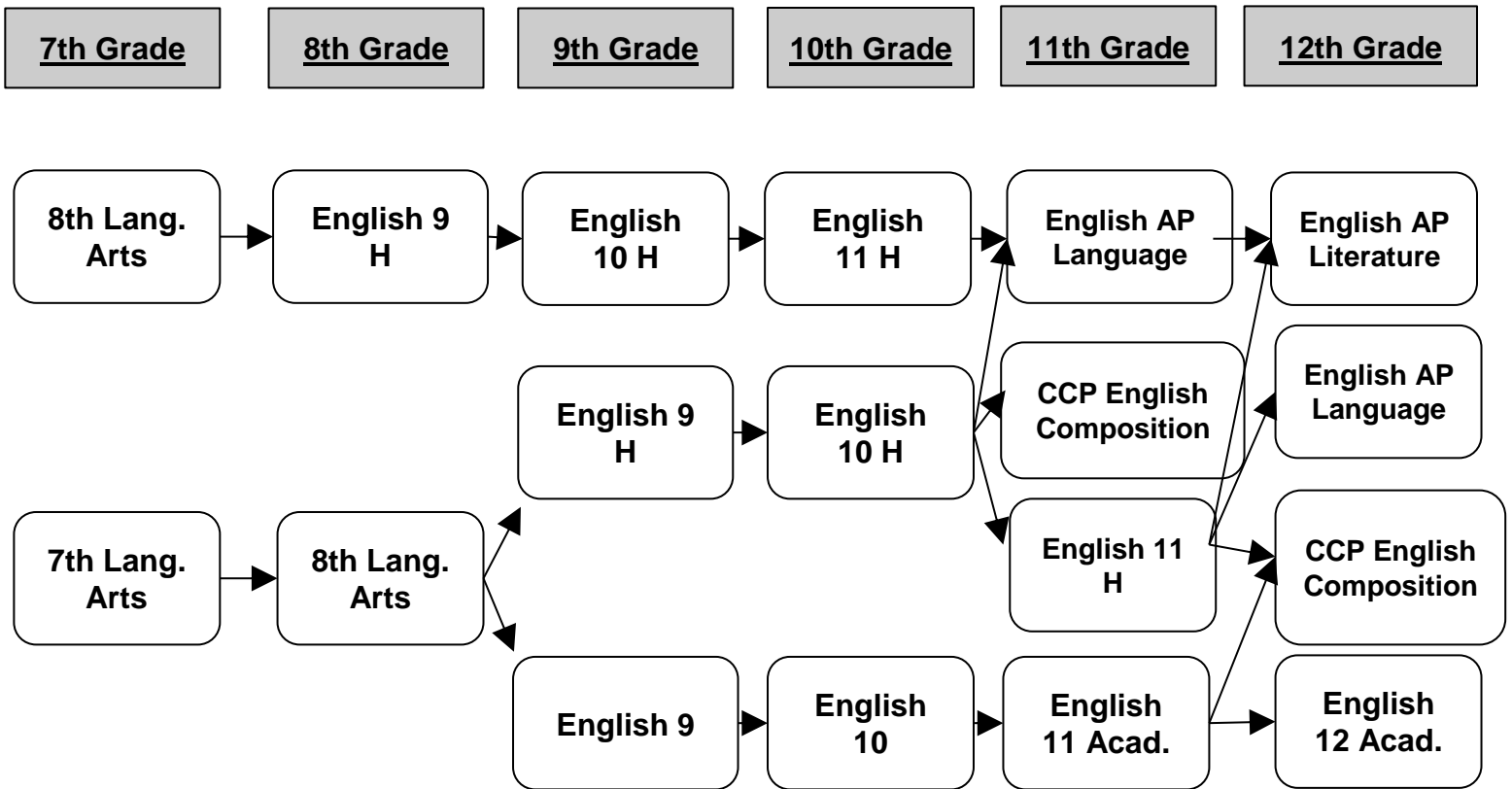
Open to: 10/11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

## ENGLISH SEQUENCE



### English Electives:

|                               |            |
|-------------------------------|------------|
| Advanced Theatre              | 10/11/12   |
| Yearbook Staff                | 11/12      |
| Creative Writing              | 10/11/12   |
| Debate (*11)                  | 11/12      |
| Introduction to Journalism    | 9/10/11/12 |
| Introduction to Theater       | 9/10/11/12 |
| Journalism                    | 10/11/12   |
| Reading for Pleasure          | 9/10/11/12 |
| Reading Skills and Strategies | 9          |
| Senior Comp (*12)             | 12         |
| Speech (*10)                  | 10/11/12   |

\*Recommended electives

# When will I ever use HEALTH and PHYSICAL EDUCATION?

## RELATED ACTIVITIES:

School Teams  
Intramurals  
Life skills/Physical Activity

## RELATED CAREER-TECHNICAL PROGRAMS:

Chef Preparation/Restaurant Management  
Teacher Training Experience

## CAREER CONNECTION:

### **4 – Year College**

Recreation Management  
Teacher/Coach  
Sports Medicine  
Fitness Trainer  
Exercise Physiologist  
Professional Athlete  
Physical Therapist  
Military Service  
Medical Doctor  
Dentist  
Nutritionist  
Nurse  
Social Worker  
Psychologist  
Occupational Therapist  
Speech Therapist  
Pharmacist  
Child Care Management  
Law Enforcement  
Sign Language/Interpreter  
Park/Wildlife Management

### **2 – Year College**

Professional Athlete  
Military Service  
Physical Therapist Assistant  
Inhalation Therapist  
Medical Assistant  
Dental Assistant  
Emergency Medical Tech.  
Firefighter  
Massage Therapist  
Nurse Aide  
Social/Human Services Asst.  
Pharmacy Assistant  
X-Ray Technician  
Child Care Aide  
Law Enforcement  
Sign Language/Interpreter  
Park/Wildlife Management

### **High School**

Professional Athlete  
Military Service  
Life Guard  
Firefighter  
Nurse Aide  
Child Care Aide  
Law Enforcement/Security  
Park/Wildlife Assistant

## **HEALTH AND PHYSICAL EDUCATION**

### **004010 HEALTH**

Health Education deals with sound emotional and social adjustment through the enjoyment of a wide range of social relationships and the experience of working cooperatively with others.

1. To develop the desire to attain optimum health.
2. To achieve personal satisfaction in carrying out sound health
3. To accept responsibility for his/her own health and for the protection of health of others.
4. Topic areas are:
  - CPR, First Aid, and Safety
  - Mental Health – understanding “stress” and how to cope
  - Tobacco, alcohol, drug abuse
  - Family Life Education
  - Sex education, sexually transmitted diseases
  - Nutrition

Prerequisite: None  
Open to: 9 /10  
Credit: 1/2  
Fee: Fee for workbook  
Course Length: 1 Semester

## **HEALTH ELECTIVES**

### **004210 LEADERSHIP**

In this course we will examine the different qualities a leader has, different styles of leadership, and which style best suits you. We will also learn about human nature and what may drive different individuals. We will do this through the use of the following text and through supplemental reading materials and projects.

**Text:** Coach Wooden’s Leadership Game Plan for Success: 12 Lessons for Extraordinary Performance and Personal Excellence...by John Wooden and Steve Jamison

Prerequisite: Health  
Open to: 11/12  
Credit: 1/2  
Fee: \$18.00 (Book)  
Course Length: 1 Semester

### **004200 SPORTS NUTRITION**

The purpose of this class is to expand your knowledge of nutrition, with a specific focus on a proper diet for athletes and active people. This course will study effective everyday diets, the science behind nutrition and successful athletic performance, and how to balance your weight with a healthy diet and activity.

**Text:** Nancy Clark’s Sports Nutrition Guidebook (5<sup>th</sup> Edition)

**Units to be covered: (but not limited to):** Basic Nutrition, Everyday Eating for Active People, The science of Eating for Sports Success and Balancing Weight and Activity

Prerequisite: Health  
Open to: 11/12  
Credit: 1/2  
Fee: \$15.00 (Book)  
Course Length: 1 Semester



## **PHYSICAL EDUCATION**

### **Standards**

A physically literate individual....

**Standard 1: Demonstrates competency in a variety of motor skills and movement patterns**

**Standard 2: Applies knowledge of concepts, principles, strategies, and tactics related to movement and performance**

**Standard 3: Demonstrates the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.**

**Standard 4: Exhibits responsible, personal and social behavior that respects self and others.**

**Standard 5: Recognizes the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction**

### **004030 PHYSICAL EDUCATION I**

This course consists of basic training, coordination, flexibility, agility, exercise and participating in group activities under structured circumstances. The class activities are related to varsity sports and physical fitness. Dress requirement for PE is tennis shoes, mid-thigh gym shorts or sweats, t-shirt or sweatshirt. Students are required to be appropriately dressed every day for PE class and actively participate.

Prerequisite: None

Open to: 9

Credit: 1/4

Fee: None

Course Length: 1 Semester

### **004050 PHYSICAL EDUCATION II**

This course is an extension of PE I. Strategy will be applied to the movement concepts and skills learned in PE I. Movement concepts and skills acquired in PE I will be reviewed and enhanced to a higher skill level. Students will begin to apply biomechanical principles, knowledge of critical elements, cues, and fitness activities to improve movement performance learned in PE I. Dress requirement for PE II is tennis shoes, mid-thigh shorts or sweats, t-shirt or sweatshirt. Students are required to be appropriately dressed every day for PE class and active participation.

Prerequisite: PE I

Open to: 9/10

Credit: 1/4

Fee: None

Course Length: 1 Semester

### **004039 ADAPTED PHYSICAL EDUCATION I AND II**

The adapted physical education program is designed to allow students with a wide range of disabilities and needs to meet the goals and standards of the regular physical education program. In meeting the needs of students in all grades (9-12), the adapted physical education recommendations, screening tests, IEP's of classified students and child study team members. Consultation with the school nurse is also important when dealing with certain medical conditions. Special attention to individual needs, both physical and cognitive, and levels of psychomotor development are important components of the program. The determination of activities for the student to participate in will be based on the ability to safely and successfully participate as well as the skills or fitness level which needs improvement or reinforcement.

## **PHYSICAL EDUCATION ELECTIVES**

### **004100 Advanced GET FITT**

Students will learn the four main components of fitness needed to develop cardiorespiratory endurance, muscle strength and endurance, and increase flexibility. Students will learn correct weight lifting techniques. Students will learn how to set up their own individualized program. This includes setting realistic goals and then achieving them. Students will also be given different cardiorespiratory workouts that they will need to perform at a satisfactory level. Students will be evaluated on knowledge, participation and reaching their fitness goals. Students will also be exposed to new fitness programs. Appropriate dress and participation is also required. THIS COURSE MAY BE TAKEN ONCE PER YEAR. If openings are available a student may take this course twice per year with approval.

#### Recommendations:

All students enrolled in Advanced PE classes will be required to fully participate in class activities regardless of games, practices, meets, etc.

Teacher recommendation for Advanced PE as well as a “B” average or higher in PE I and PE II classes

Prerequisite: Teacher recommendation – see below \*\*

Open to: 11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

\*\* Teacher recommendation is based on the following guidelines for Advanced PE classes:

“B” average or higher in PE I and PE II classes. (If student has waived PE I and PE II, they will be given the opportunity to participate in an advanced level PE course.)

Students must maintain a “B” average or higher to continue in an advanced PE course – any grade lower than a “B” average in PE electives will be unable to participate in these electives.

### **004150 ADVANCED LIFTING**

This class is intended for students that want to gain muscle strength and endurance. Students enrolled in advanced lifting will be expected to use proper lifting technique as well as spotting techniques. Students will develop a personal lifting plan which they are to follow during class. Prior lifting or other lifting obligations do not take the place of class time lifting. Daily dress and participation is required.

#### Recommendations:

All students enrolled in Advanced PE classes will be required to fully participate in class activities regardless of games, practices, meets, etc.

Teacher recommendation for Advanced PE as well as a “B” average or higher in PE I and PE II classes.

Prerequisites: Teacher recommendation

Open to: 11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

### **004120 ADVANCED INDIVIDUAL AND TEAM SPORTS**

This class is intended for students that wish to compete in sports at a higher level than in a general class. Students will be evaluated on:

1. Skills used in each specific sport
2. Knowledge of sport rules, strategies, tactics when playing and/or officiating
3. Effort put forth in class
4. Sportsmanship

Proper dress and participation is required. *THIS COURSE MAY BE TAKEN ONCE PER YEAR.*

Recommendations:

All students enrolled in Advanced Sports classes will be required to fully participate in class activities regardless of games, practices, meets, etc.

Teacher recommendation for Advanced PE as well as a “B” average or higher in PE I and PE II classes

Prerequisite: Teacher recommendation

Open to: 11/12

Credit: 1

Fee: \$25.00 (Additional fees may be required for field trips to provide opportunity to participate in sports/activities in appropriate settings outside of school such as bowling or golfing. Field trips will vary year to year depending on weather, venue availability, etc.)

Course Length: 2 Semesters

### **004110 ADAPTED PHYSICAL EDUCATION “COLT COMPANION” (Physical Education Elective)**

The APE (Adapted Physical Education) Peer Tutor program is the use of peer tutors to assist students with disabilities within the physical education environment. APE Peer Tutors (or “Colt Companion”) suit up for active participation in physical activity and receive elective P.E. credit. Tutors gain self-satisfaction, personal growth, and a better understanding of students with disabilities, as they become involved with the students and the program. Fitness testing and writing a research paper are essential elements of evaluation for all students enrolled in this course.

Prerequisites: Completion of PE I and PE II, Adapted Physical Education peer tutor (Colt Companion) character reference report submitted (including two teacher recommendations). **APPLICATION REQUIRED!**

Open to: 10/11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

# When will I ever use INDUSTRIAL & COMPUTER TECHNOLOGY EDUCATION?

## RELATED ACTIVITIES:

Drama Stage Crew and Technicians  
Information/Computer Technicians

## RELATED CAREER-TECHNICAL PROGRAMS:

Carpentry  
Engineer Design & Technology  
Masonry/Building Trades  
Machine Technology

## CAREER CONNECTION:

### 4 – Year College

Computer Science  
Engineering  
Graphic Arts  
Construction Management  
Architecture  
Teacher  
Industrial Management

### 2 – Year College

Heating/Air Conditioning  
Technician  
Machinist  
Construction  
Drafter  
Auto Technician  
Electrician  
Plumber  
Welding  
Aviation Technician  
Appliance Repair  
Tool and Die Designer  
Engineering Technician  
Surveyor  
Medical/Industrial Lab  
Technician  
Computer/Electronic  
Technician  
Laser/Optics Technician  
Maintenance  
Robotics  
Technical Illustration  
Technical Writing  
Telecommunications  
Web Designer

### High School

Machinist  
Construction  
Auto Mechanic  
Electrician  
Plumber  
Welding  
Mason

## **INDUSTRIAL & COMPUTER TECHNOLOGY**

### **002650 COMPUTER APPLICATIONS**

This class is designed to provide students with skills in working with different types of application software. The packages include spreadsheets, word processing, desktop publishing and database and how to create PowerPoint presentations. Students will also be introduced to Google Web based applications. This course is a must for any student planning on a career in computers, business, or office management.

Prerequisite: School Computer Use Policy signed parent and turned in

Open to: 9/10/11/12

Credit: 1/2

Fee: **Student Must Purchase The Following before 1<sup>st</sup> day of class:**

**1) 8GB. USB Flash Drive or higher – San Disk, PNY, Samsung, Kingston or Lexar are acceptable brands, \$6.00 - \$15.00 and**

**2) USB Flash Drive-Key Chain Holder, \$6.00 Case Logic or similar**

Course Length: 1 Semester

### **005400 HOME MAINTENANCE**

This course is designed to teach students how to use various tools and techniques to repair and maintain their home. In this course students will learn how homes are constructed, what materials are used and how to repair damaged systems in the home. Projects that students will complete include framing a wall, drywall repair, electrical wiring, laying tile, pouring concrete and plumbing repair. Once students complete the projects they will have the knowledge necessary to repair various damaged systems in the home. One assignment will include how to price out materials and tools needed to budget a home repair project.

Prerequisite: None

Open to: 9/10/11/12

Credit: 1/2

Fee: \$30.00 (This fee includes all the materials necessary to construct the students projects.)

Course Length: 1 Semester

### **002680 INTRODUCTION TO COMPUTER SCIENCE**

An interactive introductory course for students brand new to programming that teaches the foundations of computer science using the Python language. Not only will this semester course prepare students for AP Computer Science A and AP Computer Science Principles, but it will teach students how to think computationally and solve complex problems, skills that are important for every student. No prior computer programming experiences/knowledge is necessary.

Prerequisite: None

Open to: 9/10/11/12

Credit: 1/2

Fee: None

Course length: 1 semester

### **005500 MECHANICAL DRAWING I (CAD)**

This course is designed to teach students how to visualize objects in different views and how the view relates to the 3D objects. The students will learn how to create and interpret orthographic projection drawings, isometric drawings, and oblique drawings. Using an architect's scale, creating floor plans and dimensioning drawings will be covered. Instruction will be provided on how to use various commands in Auto Cad to create drawings.

Prerequisite: None

Open to: 9/10/11/12

Credit: 1/2

Fee: \$15.00 (This fee includes all the drafting equipment materials and paper needed for the assignments.)

Course Length: 1 Semester

### **005510 MECHANICAL DRAWING II (AUTO CAD)**

This course is designed to teach students about design and how to create floor plans with the use of Auto Cad. In this class the students will learn how to use more advanced functions in Auto Cad. The students will also learn how to draw several different types of architectural drawings including: site plan, footing plan, floor plan, north and south elevations, west and east elevations, roof plan, electrical wiring, plumbing, and HVAC plan. The final project will consist of designing a house to a specific square footage, drawing it with use of Auto Cad and constructing their designed house out of foam board or cardboard. They will also create a window and door schedule for the house that they design.

Prerequisite: Mechanical Drawing I

Open to: 9/10/11/12

Credit: 1/2

Fee: \$25.00 (This fee includes all the materials needed to print architectural drawings and create a scaled model.)

Course Length: 1 Semester

### **005930 PLASTICS**

This course is designed to teach students about plastics and polymers. This course will include written assessments and lab projects. The students will learn about the different types of plastics, properties of different types of plastics, how plastics are created through manufacturing, jobs in plastics, and how plastics affect our environment. The students will also learn how to design plastic parts and how to use injection molding equipment and vacuum forming equipment to create objects.

Prerequisite: None

Open to: 9/10/11/12

Credit: 1/2

Fee: \$30.00 (This fee includes all the materials needed to create several plastic products.)

Course Length: 1 Semester

### **002500 WEB DESIGN**

In this course students will learn how to develop and run a website using high tech computers. They will learn about all the different aspects that are involved in creating a quality website. The students will create 3 websites by the end of the course. One of the web sites content will be completely decided by the student. The skills that are learned in this course can be applied to develop websites for personal use and for different types of businesses.

Prerequisite: School Computer Use Policy signed by the parent and turned in

Open to: 9/10/11/12

Credit: 1/2

Fee: **Student Must Purchase The Following Before 1<sup>st</sup> day of class:**

**1) 8GB. USB Flash Drive or higher – San Disk, PNY, Samsung, Kingston or Lexar are acceptable brands, \$6.00 - \$15.00 and**

**2) USB Flash Drive-Key Chain Holder, \$6.00 Case Logic or similar**

Course Length: 1 Semester

### 005410 WOODS I

This course is designed to teach students about working with wood to create fine wood projects. The students will be instructed on the different types of wood, sizes of wood, rough and dimensional lumber, and different job opportunities in the woodworking field. The students will also learn different techniques on how to join wood to create furniture. With an emphasis on safety, students will learn how to use various tools and machines to create a finished wood projects. The students will be responsible for the cost of the wood to construct their projects, and will take the projects home upon completion. The student will make 2 projects which will be a (small end table) and (keepsake/jewelry box)

Prerequisite: None

Open to: 9/10/11/12

Credit: 1/2

Fee: \$25.00 This fee is a standard fee for materials like glue, sandpaper, nails and other materials.

Fee: \$65.00 This fee is for the boards and hardware to create the projects. This fee will be collected by check or cash after the first week of class made out to Cloverleaf High School. Students will be informed of exact amount before fee is collected. The order will be placed through the school and delivered to the school by instructors selected lumber company. Depending on market value of the wood at the time the order is placed and species of wood. (Students may incur additional costs.)

Course Length: 1 Semester

### 005420 WOODS II

This course will build on skills learned in woods I. Students will learn about more advanced woodworking techniques including how to make their own mouldings for their projects. Students will design their own piece of furniture and construct it using the more advanced techniques. Students will be refreshed on machine and tool safety. The students will have more options on what types of wood they can use to create their projects. The students will be taught about the various species of trees and the different characteristics they have with respect to woodworking. Class will also touch on professions and job opportunities in woodworking. ***The students will be responsible for the cost of the wood to construct their project, and will take the project home upon completion.***

Prerequisite: Woods I

Open to : 10/11/12

Credit: 1/2

Fee: \$25.00 This fee is a standard fee for materials like glue, sandpaper, nails and other materials.

Fee: \$70- \$300 Students will be required to order their own wood and pay the lumber Co. that they ordered their wood from after the 1st week of class. A copy of the receipt of purchased wood will be given to teacher. **The teacher will go over some of the specifications that the wood will have to meet before students purchase their wood.** The student can have wood dropped off by parent or delivered to building on specific dates, by the teacher.

Course Length: 1 Semester

## **002670 WORD PROCESSING**

This course is designed to give the student the opportunity to master the keyboard using the touch method. Students learn basic machine operations as well as forms like: letters, outlines, manuscripts, and reports. This course will also incorporate use of the Publisher program to create items such as menus, flyers, invitations, and advertisements. Students will also be introduced to Google Web based word processing programs. After completing this course, students should be able to handle word processing at the college level.

All students will be required to have an e-mail account other than a Google account that will be set up during class and will only be used for class purposes.

Prerequisite: School Computer Use Policy signed by parent and turned in

Open to: 9/10/11/12

Credit: 1/2

Fee: **Student Must Purchase The Following before 1<sup>st</sup> day of class:**

**1) 8GB. USB Flash Drive or higher – San Disk, PNY, Samsung, Kingston or Lexar are acceptable brands, \$6.00 - \$15.00 and**

**2) USB Flash Drive-Key Chain Holder, \$6.00 Case Logic or similar**

Course Length: 1 Semester



When will I ever use

## MATHEMATICS?

### RELATED ACTIVITIES:

Ohio Math League

### RELATED CAREER-TECHNICAL PROGRAMS:

Carpentry/Electrical Engineering  
Automotive Technology  
Business & Marketing  
Computer Science & Forensics  
Diversified Medical Technologies  
Engineering Technologies & Design  
Software Engineering & Website Development

### CAREER CONNECTIONS:

Actuary  
Mathematics Teacher/Professor  
Operations Research Analyst  
Statistician  
Physician  
Research Scientist  
Computer Scientist  
Inventory Strategist  
Staff Systems Air Traffic Control Analyst  
Cryptologist  
Attorney  
Economist  
Environmental Mathematician  
Geophysical Mathematician  
Ecologist  
Robotics/Civil/Design/Geomatics/Biomedical/  
Chemical/Mechanical Engineer

Architect  
Scientist -Biology/Chemistry/Physics/Astronomy  
Surveyor  
Astronaut  
Cartographer  
Attorney  
Animator  
Economist  
Stock Broker  
National Security Analyst  
Meteorologist  
Physician  
Urban Planner  
Geodesist  
Photogrammetrist

Find out more at [www.weusemath.org](http://www.weusemath.org)

## MATHEMATICS

### Mathematics Department General Notes:

Mathematics is essential for success in the 21<sup>st</sup> century. Each math course comes with a set of standards that must be covered to be prepared for the next level course.

Ohio has adopted the Common Core State Standards for Algebra, Geometry and Algebra II. These changes bring a shift in coherence, focus and rigor. “Coherence” refers to a progression of learning within and across grades with little overlap; the “focus” is to stress learning and applying the concepts; and “rigor” reflects the standards highlighting conceptual understanding, procedural skill and fluency.

Students are now required to take Algebra II to graduate.

Calculators are used in all math courses, but some topics may be assessed without a calculator. A graphing calculator (TI- 83+/TI-84/TI-84+ will work well for the entire high school math curriculum; cost is approximately \$100) is required for all math classes to reflect the new standards and testing.

### Honors /AP Course Requirements Information

The Honors/AP Math Courses offered at CHS provide the opportunity for advanced work using the same basic concepts covered in the college prep courses. This requires rigorous academic study and practical application of major concepts found in the Common Core State Standards for each course.

Honors/AP Math Courses are challenging and require students to take a greater responsibility for their learning by participating in problem-seeking and problem-solving, critical analysis and application, reflective thinking and the expression and defense of solutions found by working out problems. Honors/AP math courses require project-based learning and a high expectation for quality of work.

### 007010 ALGEBRA IA

Algebra I A & B offers the Algebra I content over two (2) years; Algebra I begins with connections back to variables and expressions, solving equations, constructing and analyzing tables, using equations and graphs, relationships between quantities, and linear equations. Students will continue with new ideas contrasting exponential and linear functions as they explore exponential models using tables, graphs, and symbols. They will apply these same tools to study quadratic functions. Throughout, the connection between functions and equations is used to model and make sense of problems. An emphasis is placed on writing algebra correctly and learning how to think cognitively. Algebra IA covers the first half of this curriculum. Independent reading, problem solving and homework completion are expected of the students.

Prerequisite: Completed Math 8 and Teacher Recommendation

Open to: 9

Credit: 1

Fee: None; graphing calculator required

Course Length: All Year

### 007110 ALGEBRA IB

Algebra I A & B offers the Algebra I (see above) content over two (2) years; Algebra IB covers the second half of this curriculum. Independent reading, problem solving and homework completion are expected of the students.

Prerequisite: Completed Algebra IA

Open to: 10

Credit: 1

Fee: None; graphing calculator required

Course Length: All Year

**007130 ALGEBRA I - ACADEMIC**

Algebra I begins with connections back to variables and expressions, solving equations, constructing and analyzing tables, using equations and graphs, relationships between quantities, and linear equations. Students will continue with new ideas contrasting exponential and linear functions as they explore exponential models using tables, graphs, and symbols. They will apply these same tools to study quadratic functions. Throughout, the connection between functions and equations is used to model and make sense of problems. An emphasis is placed on writing algebra correctly and learning how to think cognitively. Independent reading and problem solving is expected. Students are challenged by a faster pace and more challenging material in Academic Algebra I. A student demonstrating substantial skill deficits may be encouraged to change to Algebra IA to be successful.

Prerequisite: Completed Pre-Algebra and teacher recommendation

Open to: 9<sup>th</sup> grade

Credit: 1

Fee: None; graphing calculator required

Course Length: All Year

**007300 GEOMETRY- ACADEMIC**

Geometry presents skills, properties, uses, and representations of geometric concepts for the college bound student. Geometry involves the measurements and properties of one, two and three-dimensional objects, including lines, circles, triangles, polygons, prisms, spheres, cones, pyramids, and cylinders. Concepts are developed using proofs, logic, transformations, conjectures, and problem solving. Students are challenged by a faster pace in Academic Geometry than in Geometry. There is a focus on modeling, problem-solving and proof throughout the course. The course ends with a study of probability. A student NOT maintaining a C average will be encouraged to change to Geometry.

Prerequisite: Algebra I

Open to: 9/10/11

Credit: 1

Fee: None compass, protractor, ruler/geotool and graphing calculator required

Course Length: All Year

**007510 GEOMETRY - HONORS**

Honors geometry is challenging and requires students to take a greater responsibility for their learning by participating in problem-seeking and problem-solving, critical analysis and application, reflective thinking and the expression and defense of solutions found by working out problems. Students should have plans to take pre-calculus and A.P. Calculus.

Prerequisite: Algebra I

Open to: 9

Credit: 1

Fee: None; compass, protractor, ruler/geotool and graphing calculator required

Course Length: All Year

**007600 ALGEBRA II**

The Algebra II course begins with connections back to Algebra I including algebraic and statistical concepts. Students will expand their library of functions to include polynomial functions, logarithmic functions, rational functions and trigonometric functions. With a larger library of functions, students will increase their ability to model situations, make predictions and answer questions about the situation. This class will have an emphasis on more physical applications and experiments. Independent reading, problem solving and projects are part of the curriculum.

Prerequisite: credit earned in Geometry

Open to: 11/12

Credit: 1

Fee: \$10.00 (data collection devices, software programs, graphing calculators) ; graphing calculator required

Course Length: All Year

**007620 ALGEBRA II - ACADEMIC**

Academic Algebra II is a challenging college preparatory course that will be faster paced and will delve deeper into the same topics as Algebra II (See above). Independent reading, problem solving and the use of graphing calculators are emphasized.

Prerequisite: Geometry Academic

Open to: 10/11

Credit: 1

Fee: None; graphing calculator required

Course Length: All Year

**007650 ALGEBRA II - HONORS**

Algebra II Honors includes topics covered in Algebra II and selected other topics. Students are challenged by a faster pace and more rigorous approach, and are often asked to complete projects. Students should have plans to take Pre-Calculus and A.P. Calculus.

Prerequisite: Honors Geometry

Open to: 9/10

Credit: 1

Fee: None; graphing calculator required

Course Length: All Year

**007631 FUNCTIONS, STATISTICS AND TRIGONOMETRY (FST)**

Functions, Statistics, and Trigonometry is a college preparatory course that has students display, describe, represent and interpret numerical data. Functions as well as statistics are used to model real world applications. Other topics include sequences and series, exponential and logarithmic functions, trigonometric and circular functions, polynomial functions, matrices and limits. Independent reading, projects, problem solving, graphing calculator and computer applications, and review of important topics from geometry and advanced algebra are included in this course.

Prerequisite: C average earned per trimester in Academic Algebra II or teacher recommendation

Open to: 11/12

Credit: 1

Fee: None; graphing calculator required

Course Length: All Year

**007820 PRE-CALCULUS - HONORS**

Pre-calculus Honors includes topics covered in Math Analysis. Students are challenged by a faster pace and more rigorous approach. Independent and/or group projects may be assigned. Students should plan on taking AP Calculus.

Prerequisite: Algebra II Honors or teacher recommendation

Open to: 11

Credit: 1

Fee: None; graphing calculator required

Course Length: All Year

**007700 MATH ANALYSIS (PDM)**

Math Analysis is a college preparatory pre-calculus course. The pre-calculus material deals in depth and extends topics in algebra and trigonometry. Functions, limits, and coordinate geometry are emphasized. Discrete Math covers logic, induction, sequences, combinatorics and graph theory. Independent reading, problem solving and the use of graphing calculators or computers are important aspects of this course.

Prerequisite: C average earned per trimester in Functions, Statistics and Trigonometry and/or teacher recommendation

Open to: 12

Credit: 1

Fee: None; graphing calculator required

Course Length: All Year

**007630 PROBABILITY AND STATISTICS**

Probability and Statistics have students display, describe, represent and interpret numerical data; these ideas are used to model real world problems. Independent reading, problem solving and projects are part of the curriculum.

Prerequisite: Algebra II

Open to: 12

Credit: 1/2

Fee: None; graphing calculator required

Course Length: 1 Semester

**007640 TRIGONOMETRY**

Trigonometry includes topics of trigonometric and circular functions, problem solving and application, graphing, and proving identities; there will be an emphasis on physical application and experiments. Independent reading and problem solving are part of the curriculum.

Prerequisite: Algebra II

Open to: 12

Credit: 1/2

Fee: None; graphing calculator required

Course Length: 1 Semester

### **007900 CALCULUS - ADVANCED PLACEMENT**

AP Calculus is a typical first course in differential and integral calculus designed to prepare students for the Advanced Placement College Mathematics Test. Students will work with functions graphically, numerically, analytically, and verbally – and understand the connections among these representations. Students will use technology to help solve problems, experiment, interpret results, and verify conclusions. AP Calculus is taught as a college level course. **Students are required to take the Advanced Placement exam.**

Prerequisite: Pre-Calculus Honors and Pre-Calculus teacher recommendation

Open to: 11/12

Credit: 1

Fee: Cost of AP test, graphing calculator required

Course Length: All Year

### **007910 STATISTICS – ADVANCED PLACEMENT**

AP Statistics introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will explore patterns in data, plan and conduct studies; explore random phenomena using probability and simulation, estimate parameters and test hypotheses. A.P. Statistics is taught as a college level course. **Students are required to take the Advanced Placement exam.**

Prerequisite: See page 6 and C average per trimester in FST, Math Analysis, Pre-Calculus Honors or AP Calculus with prerequisite teacher recommendation.

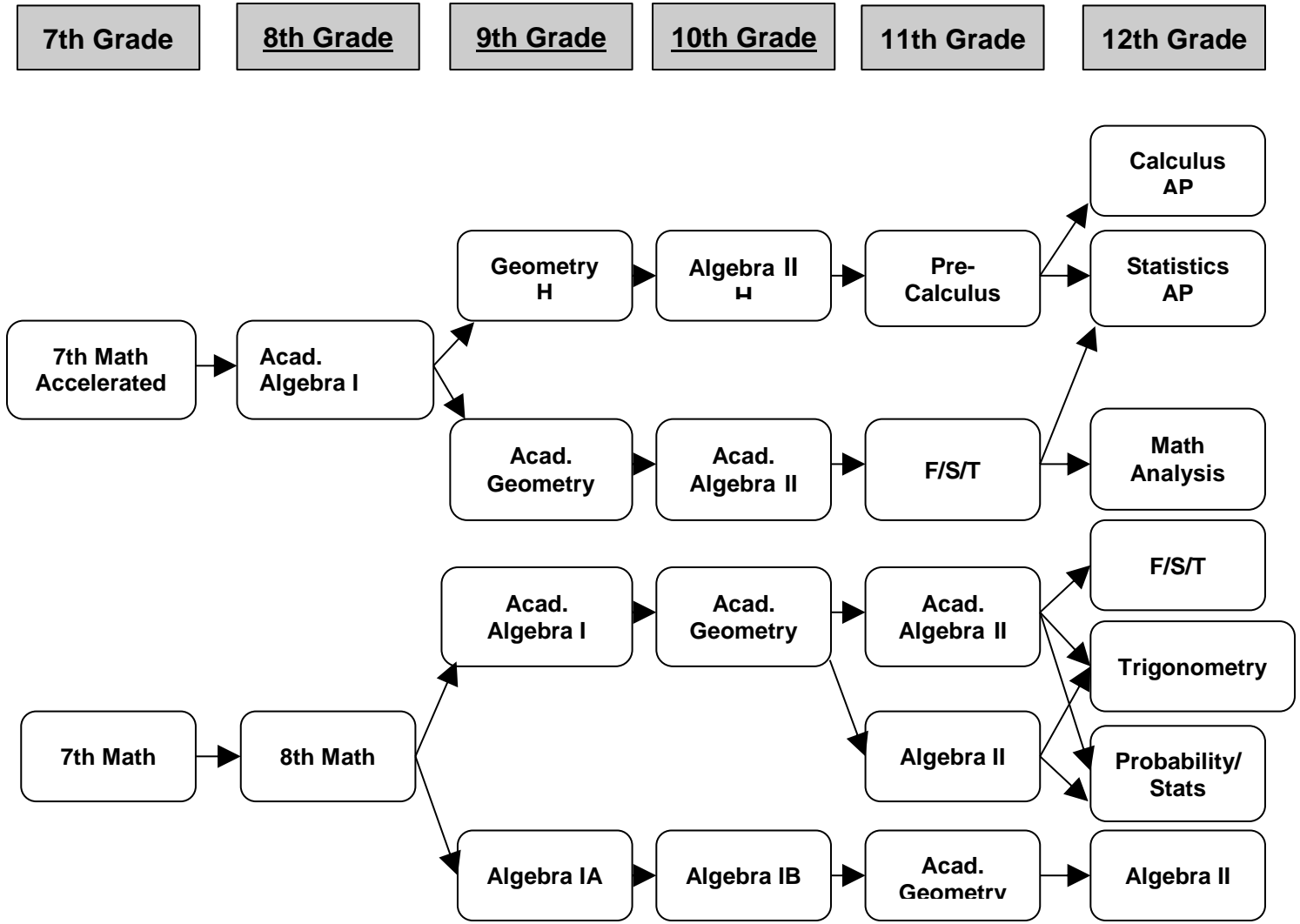
Open to: 11/12

Credit: 1

Fee: Cost of A.P. test; graphing calculator required

Course Length: All Year

## MATH SEQUENCE



\*Students must proceed forward from left to right through the sequence.

Students must obtain a signature on their recommendation form from their current/most recent math teacher to “jump” to a higher level, take an honors course and take an AP class.

Rev. 11/17

## MUSIC

### **GENERAL MUSIC**

#### **000020 BEGINNING GUITAR**

Students will study fundamental techniques and skills that will allow them to perform basic guitar repertoire. The course will include exploring chord structure, melody lines, bass lines, and easy guitar riffs. Students will also examine fundamental music literacy. A variety of musical styles will be studied. No musical experience is necessary, but you must have your own guitar.

Prerequisite: None  
Open to: 9/10/11/12  
Credit: 1/2  
Fee: \$10.00 (Workbooks)  
Course Length: 1 Semester

#### **000120 CREATIVE SONGWRITING**

If you ever wanted to express yourself in your own song this is the course for you. Come and discover the elements that go into writing a successful song. We will explore the art and craft of songwriting by experimenting with lyric writing, song structure and form, catchy melodies, moving rhythms and dramatic harmonies. Let the world hear who you really are. It's time to express yourself.

Open to: 9/10/11/12  
Credit: 1/2  
Fee: None  
Course Length: 1 semester

#### **000110 DRUMMING CIRCLES**

"If you have a heartbeat you have rhythm"

This is a special opportunity to explore the power of rhythm. Drum circles are for everyone to celebrate the joy of community drumming. These classes explore rhythm awareness, life rhythms, drum language and self expression. We will look at drum techniques from all over the world and provide an opportunity to experiment with a variety of styles. Come and experience the energy and enjoyment of community drumming.

Open to: 9/10/11/12  
Credit: 1/2  
Fee: \$20.00 (Instruments/Materials)  
Course Length: 1 semester

#### **000030 INTERMEDIATE GUITAR**

Students will study more advanced techniques and skills on the guitar. Topics will include chord progressions, improvisation music theory and notation. You must be an experienced player and have the permission of the instructor for this course.

Prerequisite: Beginning Guitar  
Open to: experienced player and by permission of instructor  
Credit: 1/2  
Fee: \$10.00 (Workbooks)  
Course Length: 1 Semester



**000010 MUSIC IN OUR LIVES**

This class is for students not involved in the high school music department. The students will be exposed to an overall study of music history, fundamental music theory, rudimentary instrumental performance and the development listening skills. A student will develop the ability to make artistic judgments from the knowledge base created in this class. Field trips to dealers and manufacturers are going to be part of the class curriculum.

Prerequisite: None  
Open to: 9/10/11/12  
Credit: 1/2  
Fee: \$10.00 (Textbooks)  
Course Length: 1 Semester

**000101 MUSIC THEORY I**

This course is a study of musical structure as it relates to musical notation, melody, harmony, meter and texture. Students, on piano, will play basic chord progressions and voice leading. Rudimentary instruction in ear-training and sight singing are taught. Students will apply their knowledge to writing musical scores for ensembles of voice and instruments.

Prerequisite: Previous musical background and experience  
Open to: 10/11/12  
Credit: 1/2  
Fee: \$10.00 (Workbooks)  
Course Length: 1 Semester

**000102 MUSIC THEORY II**

Is a continuation of MUSIC THEORY I.

Prerequisite: Music Theory I  
Open to: 10/11/12  
Credit: 1/2  
Fee: \$10.00 (Workbooks)  
Course Length: 1 Semester

***INSTRUMENTAL MUSIC*****000062 CONCERT BAND**

Concert Band is offered for students who wish to continue their study of band music and improve their skills to perform at an advanced level. Wind Ensemble members who wish to pursue a secondary instrument may also enroll in this course. Proper instrumental technique, ear training skills, music theory and appropriate rehearsal/performance disciplines will be taught. The students will be introduced to skills and techniques that will prepare them for instrumental advancement, with emphasis on proper breathing, tone quality, intonation, articulation, development of range, music reading skills, etc. Participation in all performances is a required part of the curriculum. Successful completion of this course should prepare the student for placement in Wind Ensemble.

Prerequisite: Prior participation in a band course or director approval through audition  
Open to: 9/10/11/12  
Credit: 1  
Fee: \$25.00  
Course Length: All Year

**000072 WIND ENSEMBLE**

The Wind Ensemble is an audition-only ensemble. They perform a variety of genres, many at the highest difficulty level. Advanced instrumental technique, ear training skills, music theory and appropriate rehearsal/performance disciplines will be taught. Participation in all performances is a required part of the curriculum.

Prerequisite: Director approval through audition

Open to: 9/10/11/12

Credit: 1

Fee: \$25.00 (Music)

Course Length: All Year

**000047 BAND AND VOCAL COMBINATION**

This class is for students who wish to participate in both a concert band or vocal class selection but have scheduling conflicts. The class will give a student the opportunity to participate in both classes. A student will be in one group on Monday and Wednesday or Tuesday and Thursday with the alternation of each Friday. Directors will set the class days. The student will be responsible to participate in all performances and complete all required classroom work.

Prerequisite: Prior band and choir experience

Open to: 9/10/11/12

Credit: 1

Fee: \$25.00 (Music)

Course Length: All Year

**000050 MARCHING BAND**

The Marching Band is one of the most active organizations in the school. Band rehearsals are after school for 1-1/2 hours on Monday, Tuesday, Wednesday, and Thursday. This is an extension of the school day, actual classroom time. The band practices periodically for summer parades in July. Practices do start three weeks before school in August in order to prepare for the marching season. The band has developed a Superior reputation by winning contests across the state. Participation in all performances is a required part of the curriculum.

Prerequisites: Participation in Concert Band or Wind Ensemble and/or director approval

Open to: 9/10/11/12

Credit: 1/2

Fee: Pay to Participate as determined by school board

Course Length: 1 Semester

**000060 FLAG AUXILIARY**

Prerequisite: Subject to director approval

Open to: 9/10/11/12

Credit: 1/2

Fee: Pay to Participate as determined by school board

Course Length: 1 Semester

## **VOCAL MUSIC**

### **000047 BAND AND VOCAL COMBINATION**

This class is for students who wish to participate in both a concert band or vocal class selection but have scheduling conflicts. The class will give a student the opportunity to participate in both classes. A student will be in one group on Monday and Wednesday or Tuesday and Thursday with the alternation of each Friday. Directors will set the class days. The student will be responsible to participate in all performances and complete all required classroom work.

Prerequisite: Prior band and choir experience

Open to: 9/10/11/12

Credit: 1

Fee: \$20.00 (Music)

Course Length: All Year

### **000031 INTRO TO HIGH SCHOOL CHOIR**

This ensemble is open to all first-year high school choir students and there is no audition requirement. The course will explore the basics and fundamentals of singing in the high school choir. The ensemble performs traditional and festival pieces while increasing the singers knowledge of vocal technique and music literacy. Participation in this course will help prepare the singer to become a member of the advanced choir.

Prerequisite: None

Enrollment: 9/10/11/12

Credit: 1

Fee: \$20.00 (Music)

Course Length: All Year

### **000041 ADVANCED HIGH SCHOOL CHOIR**

This ensemble is open to all students who have completed *Intro to High School Choir*. The course will develop the singer's musical skills in more depth and will focus on more difficult material. There is an emphasis on more advanced vocal technique and continuing improvement of one's listening skills. Music for more experienced students will be explored.

Prerequisite: Intro to High School Choir/prior choral experience

Open to: 10/11/12

Credit: 1

Fee: \$20.00 (Music)

Course Length: All Year

### **000021 SWING CHOIR**

This ensemble will emphasize challenging jazz arrangements as well as some show tunes, ballads and popular styles. The traditional repertoire of swing, blues, ballads and a cappella vocal jazz will be performed throughout the year. Intermediate music literacy is a prerequisite of this course. Advanced ear-training, musicianship and vocal technique will be developed. Students are strongly encouraged to sign up for three trimesters but must take at least 2 trimesters. Ensembles are sequential and therefore students are encouraged to sign up for three trimesters of participation. (Any scheduling difficulties will be handled on an individual basis.)

Prerequisite: Prior choral experience and audition by the director

Open to: 10/11/12

Credit: 1

Fee: \$20.00 (Music)

Course Length: All Year

# When will I ever use SCIENCE?

## RELATED CAREER-TECHNICAL PROGRAMS:

Automotive  
Carpentry  
Cosmetology  
CISCO  
Engineer Design & Technology  
Media/Communications

## CAREER CONNECTION:

### 4 – Year College

Dentist  
Dental Hygiene  
Dietician  
Medical Doctor  
Nurse  
Medical Lab Technologist  
Nutritionist  
Occupational Therapist  
Pharmacy  
Physical Therapist  
Recreation Therapist  
Surgeon  
Aerospace Science  
Agriculture  
Veterinarian  
Biochemical Technology  
Botany  
Engineering  
Chemist  
Computer Sciences  
Environmental Sciences  
Electronics  
Fire Science  
Laboratory Technology  
Marine Sciences  
Natural Resources Mgmt.  
Pollution Control Technology  
Solar Technology  
Water Resource Technology  
Wildlife Management  
Animal Sciences

### 2 – Year College

Dental Assistant  
Dental Hygienist  
Dental Lab Technician  
Dietetic Aids  
Emergency Medical Tech.  
Medical Assistant  
Medical Secretary  
Mental Health Rehabilitation  
Nurse's Aide  
Occupational Therapy Aide  
Optometric Technician  
Pharmacy Assistant  
Physical Therapy Assistant  
Recreation Therapy Assistant  
Respiratory Therapist  
Surgical Technician  
Agriculture  
Vet's Assistant  
Greenhouse Management  
Engineering Technician  
Computer Programmer  
Computer Technician  
Electronic Technician  
Electrician  
Fire Science  
Laboratory Technician  
Natural Resource Mgmt.  
Pollution Control Technician  
Solar Energy Technician  
Water Resource Technician  
Wildlife Management

### High School

Medical/Dental Office Clerk  
Nurse's Aide  
Optometric Assistant  
Pharmacy Assistant  
Agriculture  
Vet's Assistant  
Pet Grooming  
Greenhouse Assistant  
Fire Fighter  
Welding

## CAREER CONNECTION: continued

### **4 – Year College**

Biologist  
Geologist  
Manufacturing, Industry  
Microbiology  
Occupational Health/Safety  
Oceanography  
Zoologist  
Astronomer  
Chiropractor  
Entomologist  
Ophthalmologist  
Optometrist  
Physicist  
Psychiatrist  
Speech Pathologist  
Architect

### **2 – Year College**

Manufacturing, Industry  
Drafter  
Telecommunications  
Electronic Repair/Service  
Welding/Fabrication

## SCIENCE

### 008040 ANATOMY AND PHYSIOLOGY

This course is an in-depth study of the human body. The focus of this course will be applying previously mastered concepts of Biology to the structure and function of various organ systems, along with their interrelationships, and homeostatic abilities of the body. Students will acquire an extensive working vocabulary needed to describe body structures and functions. This course is designed for students interested in pursuing a career in a science-related area, health profession, or those that simply have an interest in Anatomy and Physiology. It may also benefit those interested in athletic training or physical therapy. Projects will be required. Dissection may be incorporated as course pace allows.

Prerequisite: Biology with a minimum grade of B.

Credit: 1/2

Fee: 15.00 (Lab materials)

Number of Semesters: 1

### 008700 APPLIED SCIENCE

Applied Science is designed to give more of a conceptual overview of the many practical science applications that will benefit students in their everyday lives. The material in this course will survey such sciences as food science, agriculture, forensics, the effects of drugs and alcohol on health, fire and home safety, household applications, **automotive unit** and technology inventions. The class is a blend of projects and hands-on activities.

Prerequisite: Biology

Credit: 1/2

Fee: \$8.00 (Lab materials)

Course Length: 1 Semester

### 008010 BIOLOGY

This course provides an in-depth study of molecular or cellular biology, genetics, organism and population biology. Students who excel in this course may participate in Advanced Placement Biology or Biotech. The curriculum is aligned with the 10<sup>th</sup> grade academic content standards established by the state of Ohio.

Prerequisite: Physical Science

Credit: 1

Fee: \$15.00 (Lab materials)

Course Length: All Year

### 008050 BIOLOGY - HONORS

This course provides an in-depth study of molecular or cellular biology, genetics, organism and population biology. Students that excel in this course may continue in the honors science program. Students are expected to maintain a C- average or they may be asked to withdraw from the class according to policy on page 9.

Prerequisite: Science 8 or Physical Science 9 (Chemistry and Physics)

Open to: 9/10

Credit: 1

Fee: \$15.00 (Lab materials)

Course Length: All Year

### **008030 BIOLOGY – ADVANCED PLACEMENT**

This course provides a mature presentation of content in biochemistry, plant and animal physiology, and genetics. Intensive labs are performed during the year. The emphasis is on the fundamental principles that apply to plants, animals and evolution. There is a constant reference to chemistry throughout the year and particularly in such areas as metabolism, photosynthesis, and genetics. The course culminates in the taking of the Advanced Placement examination in May. Students are expected to maintain a **C** average or they may be asked to withdraw from the class according to policy on Page 9. There will be a required summer assignment. Physics is recommended. **Students are required to take the Advanced Placement exam.**

Prerequisite: Biology and Chemistry

Credit: 1

Fee: AP exam fee plus \$15.00 lab fee

Course Length: All Year

### **008200 CHEMISTRY**

This course has two primary objectives. The first is to give the student sufficient background to be successful in college chemistry. The second is to give an understanding of current problems that involve chemistry. This course is broken into main topics. (1) Measuring and classifying matter, (2) Atoms, molecules, bonding and compounds (3) Specific Heat Capacity, (4) The periodic table and periodic trends (5) Quantitative and qualitative analysis of chemical reactions, (6) Acids/Bases, (7) Nuclear changes, (8) Gas laws. This course also involves laboratory work.

Prerequisite: Algebra I and Biology

Credit: 1

Fee: \$15.00 (Lab materials)

Course Length: All Year

### **008400 CHEMISTRY - HONORS**

This course will cover the topics mentioned in the Chemistry course description. Each topic will be covered in more detail and at a faster pace than the Chemistry course. This course will also involve labs that will go into more depth and also involve more lab reports.

Prerequisite: Honors Biology and Algebra I / Biology and Algebra I with teacher recommendation.

Credit: 1

Fee: \$15.00 (Lab materials)

Course Length: All Year

### **008240 CHEMISTRY – ADVANCED PLACEMENT**

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. **Students are required to take the Advanced Placement exam.**

Prerequisite: Honors Chemistry/Chemistry with teacher recommendation

Credit: 1

Fee: AP exam fee plus \$15.00 lab fee

Course length: All Year

### **008710 ENVIRONMENTAL SCIENCE**

Environmental science incorporates biology, chemistry, physics and physical geology and introduces students to key concepts, principles and theories within environmental science. Interconnected spheres of Earth, Earth's resources and global environmental problems and issues are the major topics of study. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

Prerequisite: Biology

Credit: 1/2

Fee: \$8.00 (Lab materials)

Course Length: 1 Semester

### **005910 EXPLORATION OF ROBOTICS**

This course is designed to give students an introduction to the field of robotics. Through the use of technology, students will learn to program robotics functions through the use of LEGO Mindstorms robotics kits. Utilizing different problem-solving techniques, students will work in teams to make small robots maneuver different challenges making use of various sensors and programming logic. Fundamental physics and math concepts will be through application in robotics. Students in the class should be self-driven as most of the curriculum is at their own pace.

Prerequisite: None

Open to: All

Credit: 1/2

Fee: \$20.00 (Lab materials)

Course Length: 1 Semester

### **000224 CCP INTRODUCTION TO BIOTECHNOLOGY (Students must be admitted to Ashland University.)**

This course will have an emphasis on biology lab work and the application of biotechnology in areas like genetically modified organisms, bacteria, embryo development, stem cells, forensics, genetic engineering, genomics, proteomics and current topics.

Prerequisite: **Class will be offered and conducted at Cloverleaf High School. Students MUST BE ADMITTED to Ashland University** and must have completed 000201 Molecular & Cellular Basis of Life (Ashland University).

Credit: 1 CHS and 3 (Ashland U.)

Fee: Failure in this course means that the student must pay the district's cost for the course.

Course Length: 1 Semester

### **000201 CCP MOLECULAR & CELLULAR BASIS OF LIFE (Students must be admitted to Ashland University.)**

This course provides college level content in biochemistry, cell structure, cell membranes and movement of molecules across the membrane, photosynthesis, cellular respiration, cell division, genetics.

Prerequisite: Biology, Chemistry; **Class will be offered and conducted at Cloverleaf High School. Students MUST BE ADMITTED to Ashland University.**

Credit: 1 (CHS) and 4 (Ashland U.)

Fee: Failure in this course means that the student must pay the district's cost for the course.

Course Length: 1 Semester



### **008101/008102 PHYSICAL SCIENCE (TWO one semester courses)**

This course will present chemistry, space science and physics **including forces, energy, work and electricity** at an introductory level. Topics will also include laboratory safety, **matter and its changes, atomic structure, periodic table and trends, chemical compounds, chemical reactions, nuclear changes** scientific ways of knowing, history of science and science technology. The curriculum is aligned with the 9<sup>th</sup> grade academic content standards established by the state of Ohio.

Prerequisite: None

Credit: 1

Fee: \$15.00 (Lab materials)

Course Length: TWO one semester courses

Course Length: All Year

### **008300 PHYSICS**

This is a class designed for the student who needs advanced work in science with a heavy reliance upon mathematics. The course will teach the student about forces, linear/circular motion, work, power, energy, heat, wave motion, sound, light, reflection, refraction, electricity and magnetism. The student should have an interest in the physical sciences.

Prerequisite: Chemistry, Algebra II or currently enrolled in Algebra II

Credit: 1

Fee: \$15.00 (Lab materials)

Course Length: All Year

### **008500 PHYSICS – ADVANCED PLACEMENT**

Advanced Placement Physics I is an algebra-based introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion; work, energy, and power; mechanical waves and sound; and introductory, simple circuits. **Students are required to take the Advanced Placement exam.**

Prerequisite: Chemistry, Algebra II or currently enrolled in Algebra II and Instructor's approval

Credit: 1

Fee: \$15.00 lab fee and AP exam fee

Course Length: All Year

### **005920 ROBOTICS**

This course is designed to be a continuation of Exploration of Robotics. This course spans one semester. This class will use Labview programming and both Lego Mindstorm and Tetrax robotic kits. Students will learn advanced physics concepts as well as programming logic and team dynamics. This course is for the serious student with the ability to self-motivate and interact well with others.

Prerequisite: Exploration of Robotics or instructor's recommendation

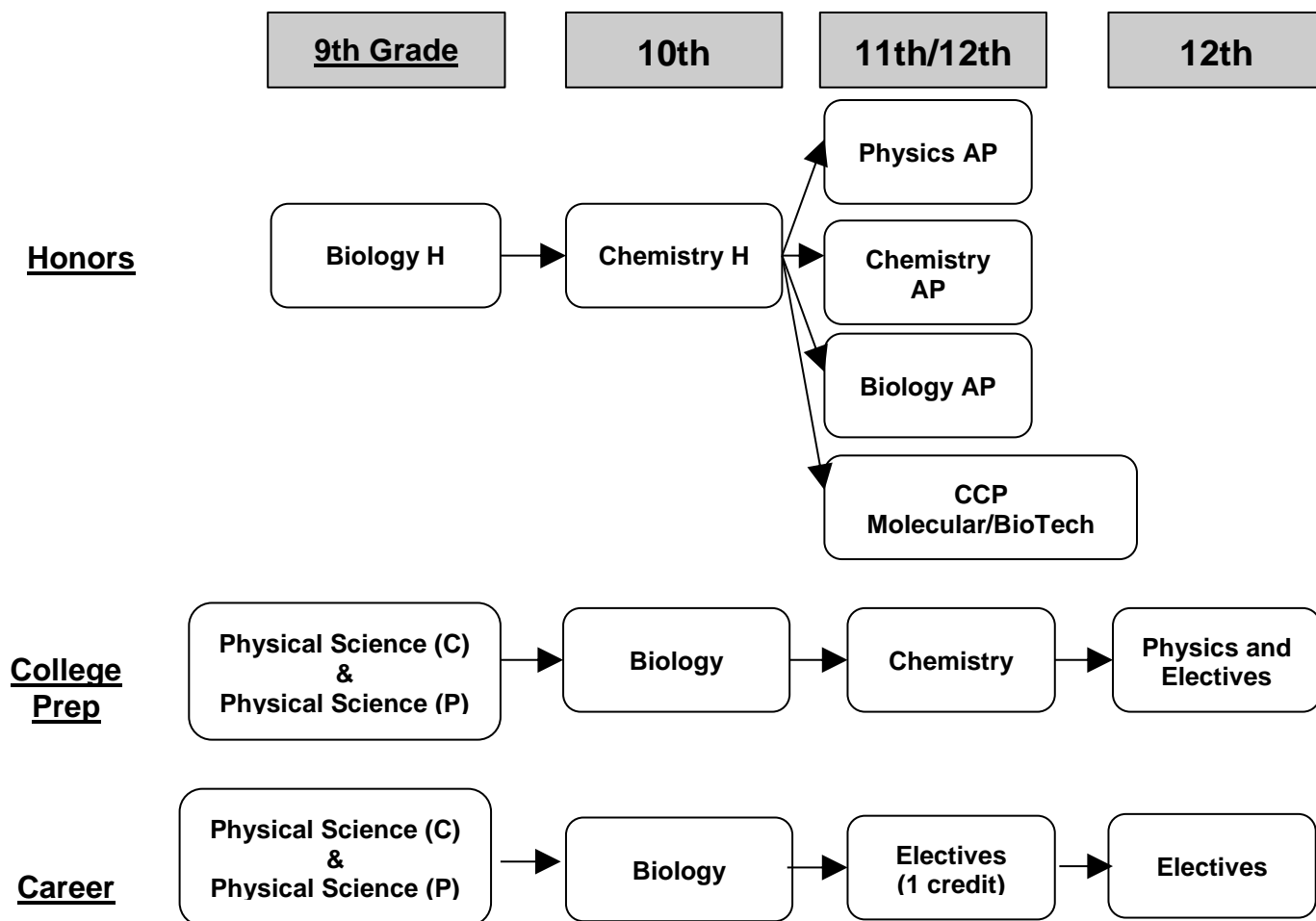
Open to: All

Credit: 1/2

Fee: \$20.00 (Lab materials)

Course Length: 1 Semester

## SCIENCE SEQUENCE



### Science Electives:

*Electives without prerequisites:*

Exploration of Robotics

Robotics (Requires completion of Exploration of Robotics or by teacher approval.)

*Electives requiring Biology (1 credit):*

Anatomy and Physiology

Applied Science

Chemistry

Environmental Science

*Electives requiring Chemistry (1 credit):*

Physics

AP Biology

AP Chemistry

AP Physics

CCP Molecular & Cellular Basis of Life (Ashland University)

CCP Intro to BioTechnology (Ashland University)

When will I ever use  
SOCIAL STUDIES?

**RELATED ACTIVITIES**

Student Council  
Seniors in Government Day  
Buckeye Boys/Girls State

**PROGRAMS:**

Business Co-op  
Marketing Education  
Criminal Justice

**CAREER CONNECTION:**

**4 – Year College**

Social/Human Services  
Travel Bureau Management  
Transportation Management  
Business Management  
Education  
Religious Organization  
Community Recreation Mgmt.  
Correctional Institution  
Lawyer  
Retail Management  
Government Agencies  
  
Hospital Management,  
Social Services  
Magazines, Newspapers  
Management Consulting  
Market Research  
Mental Health Professions  
Nursing Home Management,  
Social Services  
Public Opinion Research  
Public Relations  
Psychology  
Politics  
Historical Preservation  
Museum Curator  
Historian  
Economic Analyst  
Publications  
Research  
Anthropologist  
Archeologist  
Archivist

**2 – Year college**

Child Care  
Teacher Training Experience  
Social Services  
Travel Agent  
Transportation Management  
Business Management  
Community Recreation Mgmt.  
Correctional Institution  
Criminal Justice  
Legal Assistant  
Legal Secretary  
Court  
Reporter  
Retail Management  
Government Agencies  
Nursing Home Administration  
Social Services Aide

**High School**

Child Care  
Teacher Training Experience  
Travel Bureau Clerk  
Transportation Agency Clerk  
Business Clerk  
Legal Clerk  
Sales Clerk  
Police Officer  
Security Guard

## SOCIAL STUDIES

### ***NINTH GRADE***

#### **009000 MODERN WORLD HISTORY**

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.

Prerequisite: None  
Open to: 9  
Credit: 1  
Fee: None  
Course Length: All Year

#### **009010 MODERN WORLD HISTORY – HONORS**

Honors World History is a college preparatory course. 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. The students in this class will study the major world historical events with an emphasis upon primary source interpretation, academic writing, research all within an academic environment to prepare students for Honors, Advanced Placement, and future college course work. Students will be expected to engage in content, take an active role in their learning, and conduct independent reading and course work within a guided context. This course will be a prerequisite for Advanced Placement (AP), U.S. History or Advanced Placement (AP) European History. An ‘Academic’ level course at Cloverleaf High School is designed to be college preparatory in content and rigor.

Prerequisite: 8<sup>th</sup> grade Social Studies  
Open to: 9  
Credit: 1  
Fees: None  
Course Length: All Year

### ***TENTH GRADE***

#### **009120 AMERICAN HISTORY**

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. 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.

Prerequisites: Modern World History  
Open to: 10  
Credit: 1  
Fees: None  
Course Length: All Year

**009160 ADVANCED PLACEMENT - UNITED STATES HISTORY - (AP)**

AP United States History is a challenging course that is meant to be the equivalent of a freshman college course and earn students college credit. It is a year-long survey of American history from the age of European exploration and settlement to the present. The course will be organized along a chronological basis but will emphasize the central themes of American history. The course will emphasize and cover the 12 themes of: American Diversity, American Identity, Culture, Demographic Changes, Economic Transformations, Environment, Globalization, Politics and Citizenship, Reform, Religion, Slavery and its Legacy in North America, and War and Diplomacy. Students will also learn to assess historical materials, as well as learn reading, writing, and study skills necessary for college. The course of study for AP United States History at Cloverleaf has been approved by the College Board. **Students are required to take the Advanced Placement exam.**

Prerequisites: Modern World History.

NOTE: A student receiving a grade of "C-" or lower for the first quarter/semester may be transferred to the next level of the class (if available).

Open to: 10/11/12

Credit: 1

Fees: \$25.00 for review book and cost of Advanced Placement Exam

Course Length: All Year

***ELEVENTH GRADE***

**009300 AMERICAN GOVERNMENT**

How the American people govern themselves at national, state and local levels of government is the basis for this course. Students can impact issues addressed by local governments through service learning and senior projects.

Prerequisite: American History

Open to: 11

Credit: 1

Fees: \$15.00 (Magazines/Newspaper)

Course Length: All Year

**009320 ADVANCED PLACEMENT - UNITED STATES GOVERNMENT AND POLITICS**

Advanced Placement United States Government and Politics is an intensive study of the formal and informal structures of government and the processes of the American political system, with an emphasis on policy-making and implementation. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes in government and politics. The concepts and specific topics examined in this course are those that may appear on the AP exam. **Students are required to take the Advanced Placement exam.**

Prerequisites: Modern World History and American History

NOTE: A student receiving a grade of "C-" or lower for the first quarter/semester may be transferred to the next level of the class (if available).

Open to: 11/12

Credit: 1

Fees: \$25.00 for review book and cost of Advanced Placement Exam

Course Length: All Year

## **009200 ECONOMICS AND FINANCIAL LITERACY**

This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skill to manage limited financial resources effectively for a lifetime of financial security.

Topics of this course include:

- Economic Decision Making and Skills
- Fundamentals of economics
- Government and the economy
- Global Economy
- Working and Earning
- Financial Responsibility and Money Management
- Saving and Investing
- Credit and Debt
- Risk Management

Prerequisite: None

Open to: 11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

## **SOCIAL STUDIES ELECTIVES**

### **009210 CONTEMPORARY WORLD ISSUES**

The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include: competing beliefs and goals; methods of engagement; and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components. Approaches to addressing global and regional issues reflect historical influences and multiple perspectives. Students can impact global issues through service learning and senior projects.

Prerequisite: None

Open to: 11/12

Credit: 1/2

Fee: \$20.00 (Magazines/Newspaper)

Course Length: 1 Semester

### **009281 ADVANCED PLACEMENT - EUROPEAN HISTORY- (1450-Present)**

AP European History is a college level course that covers European History from 1450 to the present. AP European History introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which we live. In addition to providing a basic exposure to the factual narrative, the goals of the AP European History course are to develop an understanding of the principal themes in modern European history, develop the ability to analyze historical evidence, and the ability to express that understanding and analysis effectively in writing. The course of study for AP European History at Cloverleaf has been approved by the *College Board*.

Prerequisites: Modern World History and American History

NOTE: A student receiving a grade of "C-" or lower for the first quarter/semester may be transferred to the next level of the class (if available).

Open to: 11/12

Credit: 1

Fee: \$25.00 for review book and cost of Advanced Placement Exam

Course Length: All Year

**009290 HISTORY AND HOLLYWOOD**

This course is designed to bring to life the historical investigation of Hollywood's portrayal of history. Students will examine both the realities and misconceptions of films dealing with American and world events. This non-traditional learning experience will require independent research, analysis, interpretation, and cooperative learning skills.

Prerequisite: Modern World History and American History

Open to: 11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

**009250 KING ARTHUR TO QUEEN ELIZABETH: Myth & Medieval History of the British Isles**

This course will explore the mythology and history of the peoples of the British Isles of England, Wales, Scotland, and Ireland. Using mythological sources and concepts such as the legends of the Celts, and King Arthur as a starting point, this course will allow students to progress through the Roman conquest of Britain in 43 A.D. through the death of Queen Elizabeth in 1603. Students taking this course will gain an understanding of the Roman and Anglo-Saxon/Viking conquests, Arthurian legends, the medieval period and the age of chivalry, medieval literature and music, British mythology, and the rise of England, and the emergence of a united state of Great Britain during the age of Shakespeare and Queen Elizabeth. The course we will not only use books, but also will employ music, art, legends and mythology, and historic movies to create a non-traditional learning experience that will enhance students knowledge of the medieval and early modern era in an enjoyable multi-themed structure that will differ from classes based solely on a textbook.

Prerequisites: None

Open to: 11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

**009220 LAW**

Law is a course where the students will learn about and gain a better understanding of the everyday practical application of the American legal system in their lives. The course will focus on the basic structure of the American government and legal system and provide the student an opportunity to develop an understanding of the civil liberties and protections provided by the U.S. Constitution. Each student is responsible for maintaining a binder as a portfolio of his or her work. It will be used as a basis for their participation grade. The binder will include all of the assignments, projects, and tests given throughout the trimester. Students will be required to obtain a 3-ring binder (2"), a notebook, and a pack of 3"x 5" index cards.

Prerequisite: None

Open to: 10

Credit: 1/2

Fee: None

Course Length: 1 Semester

**009260 MOCK TRIAL I**

Mock Trial is a course centered on developing a competition mock trial team. The team will compete in the Ohio Mock Trial Program sponsored by the Ohio Center for Law-Related Education. This program is designed to foster a better understanding of the American legal system and to encourage development of analytical and communication skills. Not only will participation serve to teach students about their rights and responsibilities under the Constitution but also it will prepare them for possible involvement as parties, witnesses, and jurors in trial. District competition begins in early January with the state finals concluding in early March.

Prerequisite: Earned B average in American Government and/or American History and recommendation of most recent social studies teacher

Open to: 11/12

Credit: 1/2

Fee: \$35.00 (Class materials and Competition)

Course Length: 1 Semester (1<sup>st</sup> Semester)

**009270 MOCK TRIAL II**

Mock Trial II will be aligned with Mock Trial I to make available for experienced students the opportunity to compete in the Ohio Center for Law-Related Education's Mock Trial Competition.

Prerequisite: Mock Trial I and signature of Mock Trial I teacher

Open to: 12

Credit: 1/2

Fee: \$35.00 (Class materials and Competition)

Course Length: 1 Semester (1<sup>st</sup> Semester)

**009020 PSYCHOLOGY**

This course centers on the study of human behavior and approaches psychology as a field of scientific knowledge and study. Included will be the history of Psychology, the scientific method, Sigmund Freud's Theory of Psychoanalysis, the physical functions of the brain, the influences of classical and operant conditioning on learning, personality, Piaget's stages of cognitive development and intelligence testing methods. Students will learn and gain a better understanding about the two themes present in our lives--- growth and change. Developmental psychology, personality development, abnormal psychology and various therapies and treatments will be explored.

Prerequisite: None

Open to: 11/12

Credit: 1/2

Fee: None

Course Length: 1 Semester

**009230 SOCIOLOGY**

The organization of American sociology and man's place in this society will be the basis of this course. Man, his relationship to other men, status, role, self-image, and morals are just a few of the concepts which will be stressed. Studies are also aimed at a look into the institutions created by man and his development within them. The student will also study some of man's basic problems within his society. The three theoretical perspectives of sociology will be examined: Conflict, Interactionist, and Functionalists theories.

Prerequisite: None

Open to: 11/12

Credit: 1/2

Fee: \$15.00 (Magazines/Newspaper)

Course Length: 1 Semester



**009301 THE SPACE RACE: From Buck Rogers to the Matrix**

This course will be a study of the history of the space age starting with the imaginative musings of science fiction to the reality of today's space program as well as the future of space travel. Topics will include: the formation of both the U.S. and Soviet space programs, nuclear warfare and the development of ballistic missiles, the race to the Moon, the commercialization of space, the beginning of the international space programs and the effect of popular culture on the direction of the space program. Content delivery will be a combination of projects, lecture, video, and outside class readings.

Prerequisites: Modern World History (.5 credit) and American History (.5 credit)

Open to: 11/12

Credit: 1/2

Fee \$14.00 (Class materials)

Course Length: 1 Semester

**009280 WORLD GEOGRAPHY**

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

Prerequisite: None

Open to: 10/11/12

Credit: 1/2

Fee: \$15.00 (World Atlas)

Course Length: 1 Semester

**340250 CCP UNITED STATES HISTORY TO 1877 - (Students must be admitted to The University of Akron)**

This course explores American History from the first interactions between Native Americans and Europeans to the Civil War and Reconstruction, ranging from the years 1492-1877. It is a historical survey from the Age of Discovery and North American colonization through the creation of the United States to the Civil War and Reconstruction. Topics and themes covered will range from colonization, the Native American world and experience, transition from colonial to independent republic, growth and sectional discord, Civil War and Reconstruction.

This course will be taught at Cloverleaf High School and students passing the course will receive Cloverleaf High School credit and 4 credit hours from The University of Akron.

**Prerequisite: Class will be offered and conducted at Cloverleaf High School. Students MUST BE ADMITTED to The University of Akron.**

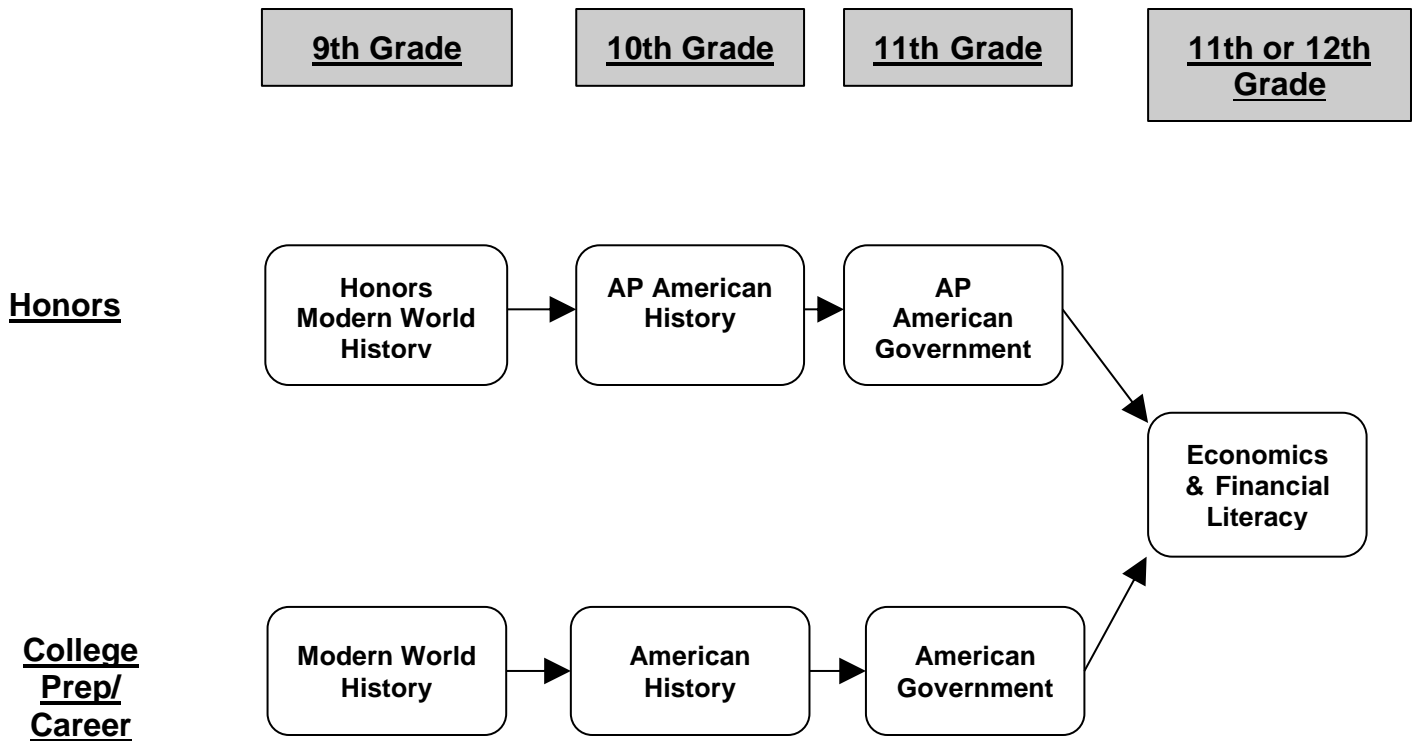
Open to: 7-12

Credit: 1 (CHS) and 4 (U. of A.)

Fee: Failure in this course means that the student must pay the district's cost for the course.

Course Length: All Year

## SOCIAL STUDIES REQUIRED SEQUENCE



### Social Studies Electives:

*10th grade:*

Law

*11th / 12th grade:*

Contemporary World Issues

Psychology

A.P. European History

Mock Trial 1 & 2

Sociology

History & Hollywood

Space Race

King Arthur

United States History to 1877 (CCP- U. of Akron)

## VOCATIONAL

### 999703 CAREER CONNECTIONS 9

This course supports the freshman student during the critical transition from middle school to high school. Students learn organizational skills that are required to be successful in the high school setting. Course competencies include: improved academics, exploration of employability skills, development of a career plan, and participation in a career pathway in preparation for post-secondary education and/or career. There is no work-based learning offered in this course.

Prerequisite: Counselor and/or instructor approval

Open to: 9

Credit: 1

Fee: TBD

Course Length: All Year

### 999704 CAREER CONNECTIONS 11/12

This course offers juniors and seniors advanced career exploration experiences. The course allows students to learn first-hand from professionals about career opportunities and professional pathways. Students will develop resumes, cover letters and learn the interview process. Special emphasis will be placed upon students learning the soft skills that employers are seeking which include: communication skills, teamwork and collaboration, adaptability, problem solving, conflict resolution, and critical observation. There is no work-based learning offered in this course.

Prerequisite: Counselor and/or instructor approval

Open to: 11/12

Credit: 1

Fee: TBD

Course Length: All Year

### 000930 CBI WORK STUDY (9<sup>TH</sup>)

### 001730 CBI WORK STUDY (10<sup>TH</sup>)

This particular course is taken in conjunction with the CBI Work Related coursework and is offered to freshman and sophomores only. This is a work-based learning experience designed to develop the skills necessary for employability and job retention. Students are employed by Cloverleaf Local Schools and assigned to one of eight different workstations. All CBI students are required to obtain a work permit, social security card, and a banking account.

Prerequisite: Counselor and/or instructor approval

Open to: 9/10

Credit: 1

Fee: TBD

Course Length: All Year

### 000920 CBI WORK RELATED (9<sup>TH</sup>)

### 001720 CBI WORK RELATED (10<sup>TH</sup>)

This particular course is taken in conjunction with CBI Work Study and is offered to freshman and sophomore students only. The coursework during the sophomore year of CBI Work Related is designed to improve academic competence, develop employability skills, implement a career plan, and participate in a career pathway in preparation for postsecondary education. Freshman students are exposed to the before-mentioned coursework on an introductory basis. All CBI students benefit from an effective student to teacher ratio, which increase a student's opportunity to transition to the next grade level.

Prerequisite: Counselor and/or instructor approval

Open to: 9/10

Credit: 1

Fee: TBD

Course Length: All Year

# When will I ever use WORLD LANGUAGE?

## RELATED ACTIVITIES:

International Club

## CAREER CONNECTION:

### 4 – Year College

Advertising  
Marketing  
Travel Management  
Banker  
Retail Management  
Industrial Management  
Teacher  
Film Industry  
Government Agencies  
Airport Administration  
Hotel/Restaurant Mgmt.  
Import/Export Business  
Investment Firm  
Labor Union Management  
Library  
Magazines/Newspapers  
Radio/Television  
Hospital  
Museum Management  
Public Relations Management  
Social Worker  
Technical Writer  
Health Care Worker  
Missionary  
Peace Corps/VISTA/ UNESCO  
Human Resources Specialist  
Science  
Medical  
Law  
Interpreter  
Translator  
International Research  
Culture Officer

### 2 – Year College

Advertising  
Marketing  
Travel Management  
Retail Management  
Industrial Management  
Industrial Technology  
Teacher Training Experience  
Child Care Service  
Film Industry  
Government Agencies  
Airport Administration  
Hotel/Restaurant Mgmt.  
Library  
Magazines/Newspapers  
Radio/Television  
Hospital  
Museum Management  
Public Relations Mgmt.  
Social Service Aide

### High School

Travel Agency Clerk  
Bank Clerk  
Store Clerk  
Secretary  
Child Care Aide  
Government Agency Clerk  
Airport Clerk, Security  
Hotel Clerk  
Restaurant Service  
Cook, Chef  
Library  
Magazines/Newspapers  
Radio/Television  
Hospital  
Museum Aide  
Public Relations Clerk  
Social Service Aide

## WORLD LANGUAGE

### 000610 FRENCH I

French I students are introduced to communication in French through listening, speaking, reading and writing activities and to the French culture in the world. Vocabulary and grammar structures are incorporated in an integrated approach that gives students practice communicating in French.

Prerequisite: Have a "C" average or better in English or with teacher permission

Open to: 9/10/11/12

Credit: 1

Fee/Workbook: Approx. \$28.00

Course Length: All Year

### 000620 FRENCH II

French II is a continuation of the listening, speaking, reading and writing skills begun in French I. As in the first year, the emphasis is on communication, grammar, vocabulary acquisition and French culture. The class goes deeper into the study of the language.

Prerequisite: French I with a "C" or better or with teacher permission

Open to: 10/11/12

Credit: 1

Fee/Workbook: Approx.: None

Course Length: All Year

### 000630 FRENCH III

French III is an extension of French II with continued emphasis on grammar skills and vocabulary expansion. Students will apply language skills to classic and contemporary reading selections in French. Functional communication skills are emphasized. Culture studies expand student knowledge of the francophone world through research and media.

Prerequisite: French II with a "C" or better or with teacher permission

Open to: 11/12

Credit: 1

Fee/Workbook: Approx. \$20.00

Course Length: All Year

### 000640 FRENCH IV

French IV continues to build all skill areas. A comprehensive review of grammar is undertaken. Students are encouraged to speak French within the classroom. A French language magazine may be used to discuss current issues of interest to teens about the francophone world. A history text is used to explore the development of France and its place in the world.

Prerequisite: French III with a "C" or better or with teacher permission

Open to: 12

Credit: 1

Fee/Workbook: None

Course Length: All Year

**000710 SPANISH I**

Spanish is an academic practical approach to the study of World language. Through a careful balance of grammar study, reading, study of culture, and conversational practice, the student gains fluency in speech and an understanding of the grammatical principles which promote the use of the language.

Prerequisite: Have a "C" average or better in English or with teacher permission

Open to: 9/10/11/12

Credit: 1

Fee: None

Course Length: All Year

**000720 SPANISH II**

The student in Spanish II will continue a study of major grammatical structures. He/she will also expand his/her vocabulary through vocabulary study as well as reading and writing in the target language. The student in Spanish II should use the target language as much as possible to express original thoughts.

Prerequisite: Spanish I with a "C" or better or with teacher permission

Open to: 9/10/11/12

Credit: 1

Fee: None

Course Length: All Year

**000730 SPANISH III**

The student in Spanish III is now beginning to use Spanish as a second language. He/she will focus on developing reading, writing, speaking, and listening skills in the target language. The student will study grammar, read thematically, and survey major Spanish and Latin American writers. Class is conducted primarily in Spanish.

Prerequisite: Spanish II with a "C" or better or with teacher permission

Open to: 10/11/12

Credit: 1

Fee: None

Course Length: All Year

**000740 SPANISH IV**

Spanish IV is for the serious Spanish student who is preparing for college entrance. The student will experience in-depth literature study and intensive grammar review. The student will also focus on reading, writing, speaking, and listening skills in the target language. Class is conducted in Spanish.

Prerequisite: Spanish III with a "C" or better or with teacher permission

Open to: 11/12

Credit: 1

Fee: None

Course Length: All Year

**358001 CCP BEGINNING SPANISH I Level 101 (Students must be admitted to The University of Akron.)**

This course will be taught at Cloverleaf High School and students passing the course will receive Cloverleaf High School credit and 4 credit hours from The University of Akron.

This course is taught at a fast-paced college level. Many of the activities use in-class speaking and participation in the target language. In-depth study of vocabulary and basic grammar structures must be done by students outside of class time in advance of class. It is recommended that students have three years of Spanish prior to taking CCP. Students with a B or better in Spanish II, and who work well independently, may benefit from the class as well.

Prerequisite: Class will be offered and conducted at Cloverleaf High School. **Students MUST BE ADMITTED to The University of Akron.**

Recommended: Spanish II with a "B" or better

Credit: 1 (CHS) and 4 (U of A)

Fee: Failure in this course means that the student must pay the district's cost for the course.

Course Length: 1 Semester

**358002 CCP BEGINNING SPANISH II Level 102 (Students must be admitted to The University of Akron.)**

This course will be taught at Cloverleaf High School and students passing the course will receive Cloverleaf High School credit and 4 credit hours from The University of Akron.

This course is a continuation of CCP Level 101 but with greater difficulty of grammatical structures and more advanced communication. It is taught at a fast-paced college level.

Prerequisite: Class will be offered and conducted at Cloverleaf High School. **Students MUST BE ADMITTED to The University of Akron.**

Recommended: Spanish II with a "B" or better

Credit: 1 (CHS) and 4 (U. of A.)

Fee: Failure in this course means that the student must pay the district's cost for the course.

Course Length: 1 Semester

## **MEDINA COUNTY CAREER CENTER**

Cloverleaf juniors and seniors can experience a career major and make an informed decision regarding continuing that career path in college. Students receive their diploma from the Cloverleaf Local School District and a Career-Technical Passport from the Medina County Career Center (MCCC).

Many MCCC career majors have articulation agreements for students to earn college credit in their program. An articulation agreement means students can seamlessly carry college credit to the university level for free.

Students who intend to enroll at the Career Center should plan ahead to be sure they are earning all necessary credits required for graduation and/or college entrance.

Busing to and from the Career Center is provided by the Cloverleaf Local School District. Students take part in all Cloverleaf activities, and are eligible for all honors, scholarships and benefits.

### **2018-2019 Career-Technical Majors**

#### **Arts & Media Communication Majors**

Digital Design  
Graphic Arts  
Video Production

#### **Information Technology Majors**

Business & Marketing Technology  
Computer Science & Forensics  
Software Engineering & Web Development

#### **Transportation Majors**

Automotive Collision Technology  
Automotive Technology  
Commercial Truck & Equipment Technology  
Power Equipment Technology

#### **Design & Manufacturing Majors**

Engineering Technologies & Design  
Precision Machining Technology

#### **Commercial / Residential Construction Majors**

Construction Trades  
Heating, Ventilation and Air Conditioning (HVAC)

#### **Health, Safety & Wellness Majors**

Animal Management & Care  
Chef & Restaurant Management  
Cosmetology  
Diversified Medical Technologies  
Early Childhood Education  
Optical Technology  
Public Safety  
Sports Medicine & Exercise Science  
Teacher Education Academy

#### **Non Recruitment Programming – ½ day option only**

Career Explorations Program (by associate school referral)  
Career & Community Experience (by associate school referral)  
Career Training Program (by associate school referral)



## MCCC ACADEMIC OFFERINGS

In addition to the career technical majors offered at the Career Center, the following academic credits are available:

### ENGLISH

English III (1 Credit)  
Advanced English III (1 Credit)  
English IV (1 Credit)  
Advanced English IV (1 Credit)  
Deadline (.5 Credit)  
Speech (.5 Credit)  
English: Books to the Big Screen (.5 Credit)

### MATHEMATICS

Algebra II (1 Credit)  
Academic Algebra II (1 Credit)  
Functions, Statistics and Trigonometry (1 Credit)  
Pre-Calculus (1 Credit)  
Calculus (1 Credit)  
Math Analysis (1 Credit)

### SCIENCE

Environmental Science (1 Credit)  
Chemistry (1 Credit)  
Anatomy and Physiology (1 Credit)  
Academic Anatomy and Physiology (1 Credit)  
Physics (1 Credit)  
Physics II (1 Credit)  
Health Bio-Chemistry (.5 Credit)  
Physics of Digital Electronics (1 Credit)  
Science of Environmental Sustainability (1 Credit)

### College Credit Plus

Through a partnership with Lorain Community College, the Medina County Career Center is able to offer the following on-site College Credit Plus courses:

ENGL 161 College Composition 1  
ENGL 162 College Composition II  
ENGL 257 Introduction to Poetry (Prerequisite: ENGL 161)  
PLSC 156 American National Government  
PLSC 151 Comparative Politics  
ALHN 110 Medical Terminology (Diversified Medical, Sports Medicine and Optical Technology)

Note: Classes are available based on enrollment requests. Students must meet the deadlines and requirements for College Credit Plus to be eligible for these classes. Course offerings are subject to change based on enrollment and course availability. For detailed program information and course descriptions, contact the Enrollment Services Office for a course catalog or visit the website at [www.mcjvs.edu](http://www.mcjvs.edu).

Christopher Kalina  
Coordinator of Enrollment Services  
Associate School Liaison  
(330) 725-8461 ext. 313  
1-866-896-MCCC (6222) ext. 313  
[CKalina@mcjvs.edu](mailto:CKalina@mcjvs.edu)

The National Collegiate Athletic Association (NCAA) has approved Medina County Career Center academic courses for athletic eligibility status.

### SOCIAL STUDIES

American Government (.5 Credit)  
Economics (.5 Credit)  
Psychology (.5 Credit)  
American Sociology (.5 Credit)

### ELECTIVES

Personal & Professional Financial Planning (.5 Credit)  
Transitions: College and Career (.5 Credit)  
Spanish I, II, III, IV (1 Credit)

Also embedded into each career-technical program is a blended learning experience focusing on 21<sup>st</sup> century employability skills.

### Medina County Career Center

26 Career Majors  
35 Industry Credentials

95+% Post-Program Placement  
90+% Post-Secondary Educational Pursuit