

# Hamilton Township High School

## Registration Guide 2022-2023

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This course description book is provided as a tool for students and parents to assist them in planning a course of study that best meets each student's needs. This guide contains a description of all courses offered at Hamilton Township High School; it also provides answers for many of the common questions students and families have regarding scheduling.

Some important concerns for students and their families to consider when designing a course of study include:

- Does the course of study meet all school, local and state requirements to advance to the next grade-level and to prepare for graduation?
- Is the course of study challenging enough to prepare the student for his/her individual goals? In other words, will a college entrance board look favorably upon this course of study? Will the student have adequate credits to participate on an athletic team?

HTHS uses registration information to determine course offerings, teacher assignments and the master schedule; it is thus very difficult to make adaptations to a student's schedule without affecting many other areas.

**Please remember that there will be extremely limited opportunities to change a student's schedule.**

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# **GENERAL INFORMATION**

## **SCHEDULE CHANGE POLICY**

Schedule changes have a serious effect on class size, teacher assignments and the master schedule; thus, important decisions regarding scheduling need to be made by students and their families during spring scheduling. Only in extenuating circumstances will adding or dropping be permitted after the first five days of each semester. Any changes to a student's schedule after this date will require the recommendation of the school counselor, parental consent, teacher permission and approval of the Principal or Assistant Principal. Unless extenuating circumstances exist, students dropping a course after the first week will result in a grade of withdrawal-fail.

## **ATHLETIC ELIGIBILITY**

To be eligible for athletics, students must have passed at least five one half (.50) and/or full (1.0) credit courses the grading period prior to their athletic season. Students must be enrolled in at least five half or full credit courses and maintain a 1.5 or higher grade point average to remain eligible throughout the season. To help meet these requirements it is recommended that students interested in athletics have at least **six** courses in their schedules. Students with a GPA lower than 1.5, but still passing five half or full credit courses may petition his/her athletic eligibility to the building principal.

## **CLASS STATUS**

The number of credits earned determines a student's class status. Credit requirements for class status are:

- Grade 9: 0-4.75 credits
- Grade 10: 5-9.75 credits
- Grade 11: 10-14.75 credits
- Grade 12: 15+ credits

## **CREDIT FLEXIBILITY**

Students at Hamilton Township High School have the opportunity to show what they know and that they are ready to move on to higher order content by learning in ways that are not limited solely to seat time in our high school building. Ohio Senate Bill 311 allows our students to earn credit in the following ways:

**Option A:** Complete coursework as has been done in the past.

**Option B:** Test out or otherwise show mastery of course content.

**Option C:** Pursue an educational option such as senior project, distance learning, postsecondary coursework, internship, service learning, or research based project.

One aspect of the credit flexibility plan is that it acknowledges that students learn at different rates while responding differently to varying instructional strategies. Credit flexibility allows students to demonstrate their understanding and skills according to their unique learning styles and experiences. At Hamilton Township High School, students will work with parents and guardians, teachers, counselors, and administrators to determine which courses would be best for them to partake in credit flexibility.

### **COLLEGE PREPARATORY STUDENTS**

Many state assisted Ohio colleges have instituted new entrance requirements for student acceptance. Students meeting these new requirements will have a significantly better chance of being accepted to the college of their choice without having to make up deficiencies in their preparation. While some of the requirements may vary from college to college, we urge students planning to enter college after high school to successfully complete at least the following:

<i>English</i>	4.00 credits	
<i>Mathematics</i>	4.00 credits	(including Algebra, Geometry, Algebra II)
<i>Science</i>	4.00 credits	(including 2 credits with labs)
<i>Social Studies</i>	3.00 credits	(including American History and Government)
<i>World Language</i>	2.00 credits	(3 credits highly recommended)
<i>Fine Arts</i>	1.00 credit	(including art, choir, band)

### **GRADUATION REQUIREMENTS**

In order to graduate from Hamilton Township High School, a student must meet all requirements established by both the Hamilton Local Board of Education and the State of Ohio Department of Education, which includes passing the Ohio State Tests in English, Math, Science and Social Studies. The minimum credit requirements for graduation are as follows:

English	4.00 credits
Mathematics	4.00 credits
Science	3.00 credits
Social Studies	3.00 credits
Health	0.50 credit
Physical Education	0.50 credit
Community Service Project	0.50 credit
Personal Finance Applications	0.50 credit
Electives	+ <u>4.50 credits</u>
Total:	20.50 credits

To meet the testing requirement for graduation, students must demonstrate competency by earning a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once. If students are not successfully passing these tests, there are additional opportunities for students to show competency in these areas.

In addition to showing competency in English and math, students must demonstrate readiness by earning two of the following diploma seals, choosing those that line up with their goals and interests. These seals give students the chance to demonstrate academic, technical and professional skills and knowledge that align to their passions, interests and planned next steps after high school.

At least one of the two seals that students earn must be Ohio-designed: OhioMeansJobs Readiness Seal (Ohio), Industry-Recognized Credential Seal (Ohio), College-Ready Seal (Ohio), Military Enlistment Seal (Ohio), Citizenship Seal (Ohio), Science Seal (Ohio), Honors Diploma Seal (Ohio), Seal of Biliteracy (Ohio), Technology Seal (Ohio), Community Service Seal (Local), Fine and Performing Arts Seal (Local), and Student Engagement Seal (Local).

### **GRADE POINT AVERAGE**

To calculate grade point average, assign the following point value to all grades earned: 93-100% (A = 4), 90-92% (A- = 3.75), 87-89% (B+ = 3.25), 83-86% (B = 3), 80-82% (B- = 2.75), 77-79% (C+ = 2.25), 73-76% (C = 2), 70-72% (C- = 1.75), 67-69% (D+ = 1.25), 63-66% (D = 1), 60-62% (D- = .75), 0-59% (F = 0). Add the total of all points earned and divide by the number of credits enrolled.

For Honors Courses, the following 4.5 point scale will be used: A = 4.5, A- = 4.25, B+ = 3.75, B = 3.5, B- = 3.25, C+ = 2.75, C = 2.5, C- = 2.25, D+ = 1.25, D = 1, D- = .75 and F = 0 points.

For Advanced Placement Courses, the following 5 point scale will be used: A = 5, A- = 4.75, B+ = 4.25, B = 4, B- = 3.75, C+ = 3.25, C = 3, C- = 2.75, D+ = 1.25, D = 1, D- = .75 and F = 0 points. Students must take the AP exam for each course in order to receive weighted credit.

### **HONORS DIPLOMA**

High school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. Students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences. Ohio students have the opportunity to choose to pursue one of six honors diplomas: Academic, International Baccalaureate, Career Tech, STEM, Arts, and Social Science and Civic Engagement.

Students may earn an Academic Honors Diploma by meeting any six of the following seven criteria:

1. Four units of Mathematics that include Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content,
2. Four units of science, including two units of advanced science,
3. Four units of social studies,
4. Either three units of one world language, or no less than two units each of two world languages,
5. One unit of fine arts,
6. Maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of their senior year,
7. Obtain a composite score of 27 on the ACT or an equivalent composite score of 1280 on the SAT verbal and mathematics section.

To learn more about the other Honors Diploma options, please visit <https://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas>.

### **COLLEGE CREDIT PLUS**

The College Credit Plus program allows qualified students in grades 7-12 to earn high school credit and college credit simultaneously, which transfers to all public colleges and universities in the state of Ohio, through the successful completion of college courses while still in high school. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Students who enroll in public colleges take courses for free, whereas courses taken at a private college may have limited costs. Students and parents must attend the informational meeting in February. Students must notify their counselor in writing by submitting the **Intent to Participate form by April 1**, before the year of participation.

Students may enroll in college courses with the following criteria:

1. Meet all the application and enrollment deadlines set by the Institution of Higher Education and gain admission to the college/university.
2. Meet all prerequisites for the desired course(s). See course descriptions found within the content areas, or college/university course catalog for more information. If the student fails to complete the course or receives a failing grade, the family is liable for all financial obligations.
3. Transportation, if needed, will be the responsibility of the students/parents.
4. Text and related supplemental materials purchased for the student are the property of the district. At the end of the course, students are responsible for returning texts and supplemental materials to the district and are responsible for any fines associated with abuse of the text and related materials.

## **MEASUREMENT TESTS FOR SOPHOMORES, JUNIORS AND SENIORS**

**PSAT** - The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is administered in October. Taking the test is the first step necessary to enter the scholarship programs administered by the National Merit Scholarship Corporation (NMSC). This test also helps prepare students to take the SAT. Once students have taken the PSAT, they receive free access to My Road, a web-based career, major, and college exploration tool. Test fees may apply. **This test is given to tenth and eleventh grade students in the fall.**

**Armed Services Vocational Aptitude Battery (ASVAB)** - Students who are interested in Armed Services are encouraged to take this exam. ASVAB is also recommended to other students who wish to gain valuable information in regards to their ability and aptitude. **This test is given to 10th, 11th and 12th grade students in the fall and spring.**

**College and Career Readiness Tests** - Students can earn remediation-free scores in English language arts and mathematics on a nationally recognized college admission exam. The state of Ohio will pay one time for all 11<sup>th</sup> grade students in the classes of 2018 and beyond to take either the ACT or SAT for free of charge. At this time, HTHS has chosen to administer the SAT; however, test selection may change from one school year to the next.

**The American College Test (ACT)** - This test is used by most colleges for admission. It consists of five sections, each averaging 45 minutes in length: English, mathematics, reading, science reasoning, and writing. The individual test items in all areas are designed to measure ability to perform the complex intellectual tasks typically expected of college students. These examinations are given several times throughout the year at various test centers in Columbus, including Hamilton Township High School. Bulletins of information and registration forms are available in the Guidance Office or online at [www.actstudent.org](http://www.actstudent.org). Test fees apply. Economically disadvantaged high school juniors and seniors may qualify for a fee waiver to cover the cost of the test. Please see the guidance office to obtain a fee waiver.

**Scholastic Aptitude Test (SAT)** - The Scholastic Aptitude Test consists of critical reading, mathematical, and writing sections. The critical reading section is designed to measure the student's ability to read with understanding and discrimination, as well as comprehend words and thought relationships. The mathematics section is designed to measure aptitude for handling qualitative concepts in mathematics. These examinations are given several times throughout the year at various test centers in Columbus. Bulletins of information and registration forms are available in the Guidance Office or online at [www.collegeboard.com](http://www.collegeboard.com). Test fees apply. Economically disadvantaged high school juniors and seniors may qualify for a fee waiver to cover the cost of the test. Please see the guidance office to obtain a fee waiver.

### **Industry Credential and Workforce Readiness**

Students have the opportunity to 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. The state of Ohio will pay one time for those who take the WorkKeys assessment.

## **ADVISORY PERIOD**

### **ADVISORY**

**CREDIT: .00**

**GRADE: 9-12**

ADVISORY is an HTHS effort to ensure consistent, uninterrupted instructional time for students and teachers while addressing the attendance and academic needs of all students.

**Ninth Grade Experience-** Transition to high school, study skills, test-taking skills, re-assessments of current curriculum, and career and college readiness beginning stages.

**Tenth Grade Experience-** Study skills, test-taking skills, re-assessment of current curriculum, continuation of career and college readiness, and career cluster inventory.

**Eleventh Grade Experience-** ACT prep, study skills, test-taking skills, re-assessment of current curriculum, continuation of career and college readiness, interviews, and job applications.

**Twelfth Grade Experience-** Transition to post-secondary options, ACT prep, study skills, test-taking skills, re-assessment of current curriculum, continuation of career and college readiness, resumes, college, scholarship and financial aid application process.

# ENGLISH DEPARTMENT

## ***Courses Offered:***

<u>Course Title</u>	<u>Course Code</u>	<u>Credit</u>	<u>Grade</u>
College Prep English 9	101	1.00	9
Honors College Prep English 9	104	1.00	9
College Prep English 10	201	1.00	10
Honors College Prep English 10	204	1.00	10
College Prep English 11	301	1.00	11
Honors College Prep English 11	304	1.00	11
College Prep English 12	401	1.00	12
CSCC ENGL 1100	407	1.00	9-12
CSCC ENGL 2367	408	1.00	9-12
CSCC ENGL 2201	409	1.00	9-12
Modern Communication	205	0.50	10-12
Debate	299	0.50	10-12
Creative Writing	300	0.50	10-12

**\*\*For Honors courses, the 4.5-point grading scale will be used (A=4.5 points; B=3.5 points; C=2.5 points; D=1 points; F=0 points).**

## **COLLEGE PREP ENGLISH 9 – 101**

**CREDIT: 1.00**

**GRADE: 9**

College Prep English 9 is designed for all ninth grade students and is a course on the college preparatory schedule. A significant goal of College Prep English 9 is to have all students work at or above grade level. Among the genres explored will be the novel, drama, short story, essay, and poetry. Students will also read, understand, and analyze informational, technical, and persuasive texts. During this course, students will read a significant number of major works of literature. Writing will be extensive and varied. Students will write narratives, responses to literature, business letters, letters to the editors, information for job applications, informational and research reports, persuasive compositions, and informal writings for various purposes. Additionally, each student will gain public speaking experience and learn rhetorical strategies through informational, descriptive, and persuasive presentations. Students' acquisition of vocabulary will be encouraged through guided vocabulary exercises and within the context of literature.

### **HONORS COLLEGE PREP ENGLISH 9 – 104**

**CREDIT: 1.00**

**GRADE: 9**

*Recommendation: "A" average in 8<sup>th</sup> grade and teacher recommendation.*

This course, designed for the advanced English student, will satisfy CP English 9 standards, and will require each student to read many significant works of literature.

### **COLLEGE PREP ENGLISH 10 – 201**

**CREDIT: 1.00**

**GRADE: 10**

College Preparatory English 10 is designed for students who must focus on improving reading and writing skills. A significant goal of College Prep English 10 is to have all students work at or above grade level. Among the genres explored will be the novel, drama, short story, essay, and poetry, with an emphasis toward world literature. Students will read, understand, and analyze informational, technical, and persuasive texts. During this course, students will read many significant works of literature. Writing will be extensive and varied. Students will write narratives, responses to literature, business letters, letters to the editor, information for job applications, informational and research reports, persuasive compositions, and informal writings for various purposes. Additionally, each student will gain public speaking experience and learn rhetorical strategies through informational, descriptive, and persuasive presentations. Students' acquisition of vocabulary will be encouraged through guided vocabulary exercises and within the context of literature.

### **HONORS COLLEGE PREP ENGLISH 10 – 204**

**CREDIT: 1.00**

**GRADE: 10**

*Recommendation : "A" average in 9<sup>th</sup> grade English and recommendation of the English Department. Exemplary attendance will be required for successful completion.*

This course, designed for the truly advanced English student, will satisfy CP English 10 standards, and will require each student to read many significant works of literature.

### **COLLEGE PREP ENGLISH 11 – 301**

**CREDIT: 1.00**

**GRADE: 11**

College Preparatory English 11 is designed for students who must focus on improving reading and writing skills. A significant goal of College Prep English 11 is to have all students work at or above grade level. Among the genres explored will be the novel, drama, short story, essay and poetry with an emphasis toward world literature. Students will also read, understand and analyze informational, technical, and persuasive texts. During this course, students will read many significant works of literature. Writing will be extensive and varied. Students will write reflective and research reports, persuasive compositions, and informal writings for various purposes. Additionally, each student will gain public speaking experience and learn rhetorical strategies through informational, descriptive, and persuasive presentations. Students'

acquisition of vocabulary will be encouraged through guided vocabulary exercises and within the context of literature.

**HONORS COLLEGE PREP ENGLISH 11 – 304**

**CREDIT: 1.00**

**GRADE: 11**

*Recommendation: “A” average in 10th grade English (or “B” average in 10th grade Honors English), and recommendation of the English Department. Exemplary attendance will be required for successful completion.*

This course, designed for the truly advanced English student, will satisfy CP English 11 standards, and will require each student to read many significant works of literature.

**COLLEGE PREPARATORY ENGLISH 12 – 401**

**CREDIT: 1.00**

**GRADE: 12**

College Preparatory English 12 students will read, interpret, and analyze American, British, world, and multicultural literature. A significant goal of College Prep English 12 is to have all students work at or above grade level. Among the genres explored will be the epic, novel, drama, short story, essay and poetry. Students will write reflective compositions, responses to literature, functional documents, informational and research reports, persuasive compositions, and informal writings for various purposes. Additionally, each student will gain public speaking experience and learn rhetorical strategies while working toward the senior thesis project, *Ranger Coda*. Students’ acquisition of vocabulary will be encouraged through guided vocabulary exercises and within the context of literature.

**CSCC ENGL 1100 COMPOSITION I (DUAL ENROLLMENT) – 407**

**CREDIT: 1.00**

**GRADE: 9-12**

*Prerequisite: Placement into ENGL 1100*

English 1100 is a beginning composition course which develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise, expository essays. The course facilitates an awareness of purpose, audience, content, structure and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized. Students must apply and be accepted to Columbus State and take the college placement test to be eligible to take the course. This course provides high school English credit AND three hours of college credit through Columbus State, upon successful completion of the course.

**CSCC ENGL 2367 COMPOSITION II (DUAL ENROLLMENT) – 408****CREDIT: 1.00****GRADE: 9-12***Prerequisite: Successful completion of ENGL 1100 with a “C” or better*

English 2367 is an intermediate composition course that extends and refines skills in expository and argumentative writing, critical reading, and critical thinking. This course also refines skills in researching a topic, documenting sources, and working collaboratively. Course reading and writing assignments are organized around the diversity of those who comprise the identities. This course provides high school English credit AND three hours of college credit through Columbus State, upon successful completion of the course.

**CSCC ENGL 2201 BRITISH LITERATURE I (DUAL ENROLLMENT) – 409****CREDIT: 1.00****GRADE: 9-12***Prerequisite: Successful completion of ENGL 1100 with a “B” or better or ENGL 2367 with a “C” or better.*

This course is a survey of canonical British literary works written before 1789. The course activities include readings, class discussions and writing assignments. This course provides high school English credit AND three hours of college credit through Columbus State, upon successful completion of the course.

**MODERN COMMUNICATION – 205****CREDIT: .50****GRADES: 9-12**

Are you afraid to speak in class? Relax, the Modern Communication course is designed for you. Modern Communication is so much more than the standard speech prep work that was once taught in school. Modern Communication will examine the history and evolving role of communication technology and will provide tremendous practice in all forms of Modern Communication. Students will engage in the tried and true forms of formal communication by exploring the art of debate and Robert’s Rules of Order, and the formal structure of an argument in written form. Students will also study and apply the rhetorical strategies of Pathos, Logos, and Ethos. Students will participate in the use of technology as a means of communication, conduct broadcasts, create a blog, use electronic equipment in a large group setting, create presentations with the use of different available software, and effectively use SMART boards. Students will explore the different methods of communication and the impact of nonverbal language on everyday life. Students will gain poise and confidence when communicating, while effectively using technology to assist in presentations.

**DEBATE – 299****CREDIT: .50****GRADES: 10-12**

*Prerequisites: Successful completion of CP English 9.*

Debate is a semester long course that can be taken by eleventh and twelfth grade students. This course is for the student who already understands research skills and is an avid reader of political and current-event issues. Students develop critical thinking and analytical skills along with logic and impromptu speaking techniques to defend opposing sides of social issues. By the end of the semester, students taking Debate will be able to:

- \*Implement the values of Debate through effective performance.
- \*Understand major concepts in a debate through written and oral performance.
- \*Organize a speech for each speech type displayed through essay and performance.
- \*Demonstrate the ethics in research by documenting evidence on resolutions.
- \*Judge the quality of debates based on commonly agreed upon characteristics and criteria
- \*Be a productive class member during all debate rounds.

*Grades will be based on research, homework, quizzes, tests, debates, class participation, and attendance. This is a performance course.*

**CREATIVE WRITING – 300****CREDIT: .50****GRADES: 10-12**

*Recommendation: Minimum “C” cumulative average in previous English course.*

Creative writing is designed to aid students in their creative expression while refining writing skills. In this course, students will learn how to write various fictional and non-fictional literary forms. Students will analyze samples of different genres of literature, such as poetry, mystery, fantasy, and biography, and will then create their own work within that genre. Presenting and/or sharing published work is required for this course.

# MATH DEPARTMENT

## **Courses Offered:**

<u>Course Title</u>	<u>Course Code</u>	<u>Credit</u>	<u>Grade</u>
Algebra 1	111	1.00	9-12
Algebra 1 with Support	109/110	2.00	9-12
Algebra 1A	108	1.00	9-12
Algebra 1B	112	1.00	10-12
Geometry	210	1.00	9-12
Geometry with Support	210L/208	2.00	9-12
Honors Geometry	209	1.00	9-10
Algebra 2	212	1.00	10-12
Algebra 2A	211	1.00	10-12
Algebra 2B	213	1.00	11-12
Honors Algebra 2	215	1.00	10-12
Pre-Calculus	310	1.00	11-12
AP Calculus AB	410	1.00	12
Statistics	314	1.00	11-12
Honors Statistics	315	1.00	11-12
Test Prep Math	311	0.50	9-12

**\*\* For AP Calculus AB, the 5-point grading scale will be used (A=5 points; B=4 points; C=3 points; D=1 point and F=0 points).**

**\*\*For Honors courses, the 4.5-point grading scale will be used (A=4.5 points; B=3.5 points; C=2.5 points; D=1 points; F=0 points).**

## **ALGEBRA 1 – 111**

**CREDIT: 1.00**

**GRADES: 9-12**

This course will cover all Algebra I indicators from the Common Core Content Standards. The course will focus on number concepts, equations and inequalities, data analysis, polynomials, and characteristics of functions (linear, quadratic, and exponential), systems and general graphing. These students will take the state end of course exam for graduation in the spring.

## **ALGEBRA 1 SUPPORT – 109/110**

**CREDIT: 2.00**

**GRADES: 9-12**

*By standardized test scores and teacher recommendation only.* This course will cover the same material as Algebra I only. It will be taken two periods a day instead of one. The course provides additional instruction on the topics being covered in Algebra I. These students will take the state end of course exam for graduation in the spring.

**ALGEBRA 1A – 108****CREDIT: 1.00****GRADES: 9**

*By standardized test scores and teacher recommendation only.*

This course is designed for students to learn the material for Algebra I over two years. The students will learn the first semester content this year. These students will not take the state end of course exam this year, but they will take it next year after completing Algebra I B.

**ALGEBRA 1B – 112****CREDIT: 1.00****GRADES: 10**

This course is only offered to students that passed Algebra I A. This course is the second semester of the content taught in Algebra I. The students will take the state end of course exam for graduation in the spring.

**GEOMETRY – 210****CREDIT: 1.00****GRADES: 9-12**

*Prerequisite: Successful completion of Algebra I required.*

This course will cover all Geometry standards from the Common Core Content Standards. The course will focus on terminology, proofs, parallel lines and transversals, congruent triangles, geometric transformations, properties of polygons and circles, similarity, right triangles and trigonometry, and probability. These students will take the end of course exam for graduation in the spring.

**GEOMETRY SUPPORT – 210L/208****CREDIT: 2.00****GRADES: 9-12**

*Prerequisite: Successful completion of Algebra I. Selection determined by standardized test scores and teacher recommendation.*

This course is taken simultaneously with Geometry. The course provides additional instruction on the topics being covered in Geometry. These students will take the end of course exam for graduation in the spring.

**HONORS GEOMETRY – 209****CREDIT: 1.00****GRADES: 9-10**

*Prerequisite: Successful completion of Algebra I. Teacher recommendation only.*

This course will cover the same topics as Geometry, however topics will get explored deeper with more rigorous assessments. These students will take the end of course exam for graduation in the spring.

**ALGEBRA 2 – 212****CREDIT: 1.00****GRADES: 11-12***Prerequisite: Successful completion of Geometry.*

This course will cover Algebra 2 standards from the Common Core Content Standards. The course will focus on systems of equations, polynomials, trigonometry, and characteristics of functions (quadratics with complex roots, polynomials of any degree, logarithms, radical and rational functions).

**ALGEBRA 2A – 211****CREDIT: 1.00****GRADES: 10-12***Prerequisite: Successful completion of Geometry. Selection based on standardized test scores and teacher recommendation only.*

This course is designed for students to learn the material for Algebra 2 over two years. The students will learn the first semester content this year.

**ALGEBRA 2B – 213****CREDIT: 1.00****GRADE: 11-12**

This course is only offered to students that passed Algebra 2A. This course is the second semester of the content taught in Algebra II.

**HONORS ALGEBRA 2 – 215****CREDIT: 1.00****GRADES: 10-12***Prerequisite: Teacher recommendation only.*

This course will cover the same topics as Algebra 2, however topics will get explored deeper with more rigorous assessments.

**PRE-CALCULUS – 310****CREDIT: 1.00****GRADE: 11-12***Prerequisite: Successful completion of Algebra 2 and teacher recommendation.**TI-83 or TI-83+ Graphing Calculator strongly recommended.*

This course is for students planning on taking Calculus, either in high school or in college. This course will cover the Functions indicators from the Common Core Content Standards. The course will focus on functions, and natural logarithms, trigonometric identities, polar coordinates, sequence/series, polynomials, trigonometric properties, trigonometric graphs and conic sections.

**AP CALCULUS AB – 410****CREDIT: 1.00****GRADE: 12****TEST FEE: \$94.00**

*Successful completion of Pre-Calculus and teacher recommendation.*

*TI-83 or TI-83+ Graphing Calculator required.*

Students will study limits, differentiation with applications, integration with applications and differential equations. Successful students have the opportunity to earn advanced placement and/or credit in college. Students will be expected to take the Advanced Placement exam in the spring. The test must be taken in order to receive the weighted credit (5 point grading scale) designed for the course.

**STATISTICS – 314****CREDIT: 1.00****GRADES: 11-12**

*Prerequisite: Successful completion of Algebra 2 and teacher recommendation.*

*TI-84+ Graphing Calculator strongly recommended.*

This course will involve analyzing data, interpreting/creating graphs, working with formulas, performing a study, and determining probabilities. Some college majors that will require the study of statistics include Accounting, Biology, Computer Science, Economics, Management, Mathematics, Nursing, Political Science, Psychology and Social Work. If you are considering going to college for one of these careers, you might want to consider Statistics. If you have an idea of what you may want to study in college, go to a couple university websites and look at the course of study for those majors and plan your senior year so that it best fits you and your goals.

**HONORS STATISTICS – 315****CREDIT: 1.00****GRADES: 11-12**

*Successful completion of Algebra 2 and teacher recommendation.*

*TI-84+ Graphing Calculator strongly recommended.*

This course will also involve analyzing data, interpreting/creating graphs, working with formulas, probabilities and performing a statistical study, however they will also study distributions, random variables, and hypothesis testing. Some college majors that will require the study of statistics include Accounting, Biology, Computer Science, Economics, Management, Mathematics, Nursing, Political Science, Psychology and Social Work. If you are considering going to college for one of these careers, you might want to consider Statistics. If you have an idea of what you may want to study in college, go to a couple university websites and look at the course of study for those majors and plan your senior year so that it best fits you and your goals.

**TEST PREP MATH - 311**  
**CREDIT: .50 (ELECTIVE)**  
**GRADES: 9-12**

This course is a semester-long review course of Algebra I content for students that have passed the Algebra I course, however earned a 1 or 2 on the Algebra I state end of course exam. Students will be placed in this course based on their particular situation. The course will specifically focus on power standards from released Algebra I tests to prepare students to earn a higher score on the Algebra I state end of course exam. Even though it is a semester course, it may be required to be taken both semesters to improve your score.

# SCIENCE DEPARTMENT

## **Courses Offered:**

<u>Course Title</u>	<u>Course Code</u>	<u>Credit</u>	<u>Grade</u>	<u>Type</u>
Physical Science	122	1.00	9	Physical
Biology I	124	1.00	10-12	Life
Honors Biology I	126	1.00	10	Life
Chemistry I	320	1.00	10-12	Advanced Physical
Honors Chemistry I	321	1.00	10-12	Advanced Physical
Chemistry II	325	1.00	11-12	Advanced Physical
Biology II	220	1.00	11-12	Advanced Life
Honors Biology II	221	1.00	11-12	Advanced Life
Environmental Science	224	1.00	11-12	Advanced Life
Physics	322	1.00	11-12	Advanced Physical
CSCC BIO 1111	219	1.00	11-12	Life
CSCC GEOL 1151	218	1.00	10-12	Physical

**\*\*For Honors courses, the 4.5-point grading scale will be used (A=4.5 points; B=3.5 points; C=2.5 points; D=1 points; F=0 points).**

**\*\*\*Three (3) science credits are required for graduation and must include at least one (1) physical science credit, at least one (1) life science credit, and at least one (1) advanced science credit. All students are encouraged to take a science course during their twelfth grade year.**

## **PHYSICAL SCIENCE – 122**

**CREDIT: 1.00**

**GRADE: 9-12**

**FEE: \$20.00**

*This class is required for graduation.*

Have you ever wondered why fireworks are different colors? Why do you have to shake orange juice before drinking but not soda? How do we know so much about the atom but have never actually seen an atom? A strong understanding of the basic skills of science will not only help build the foundation for success in future science classes, but will also help students learn how to analyze their surroundings. Physical Science focuses on the application of scientific skills/methodologies and is based on Ohio's Learning Standards: Science Standards - Physical Science. Students will explore introductory topics in Chemistry, Physics, and Earth-Space Science through hands-on lab investigations (for example Oobleck Lab, Dry Ice Investigation and Glowing Minerals) while uncovering misconceptions and applying their understanding to their daily lives.

**BIOLOGY I – 124****CREDIT: 1.00****GRADES: 10-12****FEE: \$15.00**

*Prerequisite: 10th-12th grade students who have taken, or are currently taking, Physical Science. This class is required for graduation.*

This class is the study of living organisms with emphasis upon processes, activities, interaction and changes that occur in microorganisms, plants, animals, and humans. Through laboratory investigations, lectures, and activities, the student will master the 10<sup>th</sup> grade Ohio Academic Content Standards Biology Ohio Revised Science Standards and Model Curriculum for science including characteristics of life, structure and function of cells, genetics, ecology and biological evolution.

**HONORS BIOLOGY I – 126****CREDIT: 1.00****GRADES: 10****FEE: \$15.00**

*Prerequisite: 10-12th grade students who have taken Physical Science, teacher recommendation, and preferably a grade of "B" or better in previous science courses.*

This course is designed for advanced students. This class is the study of living organisms with emphasis upon processes, activities, interaction and changes that occur in microorganisms, plants, animals, and humans. Through laboratory investigations, lectures, and activities, the student will master the 10<sup>th</sup> grade Ohio Academic Content Standards Biology Ohio Revised Science Standards and Model Curriculum for science including characteristics of life, structure and function of cells, genetics, ecology and biological evolution.

**CHEMISTRY I – 320****CREDIT: 1.00****GRADES: 10-12****FEE: \$25.00**

*Prerequisite: Successful completion of Algebra 1 and Physical Science*

Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure and its interactions is how this course is organized. Topics covered include the structure and properties of matter such as atomic structure, the Periodic Table, chemical bonding, representing compounds, quantifying matter, and intermolecular forces of attraction, as well as the interactions of matter as seen in chemical reactions, gas laws, and stoichiometry. Students will learn principles that are utilized in many STEM careers such as material science engineering, forensics, pharmacy, dentistry, chemical engineering, food science, medicine, performance nutrition, marine biology, veterinary science, zoology and physical/occupational therapy among others.

**HONORS CHEMISTRY I – 321****CREDIT: 1.00****GRADES: 10-12****FEE: \$25.00**

*Prerequisite: Successful completion of Algebra 1 and Physical Science and teacher recommendation.*

This course is designed for advanced students. Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure and its interactions is how this course is organized. Topics covered include the structure and properties of matter such as atomic structure, the Periodic Table, chemical bonding, representing compounds, quantifying matter, and intermolecular forces of attraction, as well as the interactions of matter as seen in chemical reactions, gas laws, and stoichiometry. Students will learn principles that are utilized in many careers including material science engineering, forensics, pharmacy, dentistry, chemical engineering, food science, medicine, performance nutrition, marine biology, veterinary science, zoology and physical/occupational therapy among others.

**CHEMISTRY II – 325****CREDIT: 1.00****GRADES: 11-12****FEE: \$25.00**

*Prerequisite: 11-12<sup>th</sup> grade students who have received credit for Chemistry I or Honors Chemistry I with a “B” or better and teacher recommendation.*

Chemistry II will include the topics covered in first year Chemistry at a greater depth. New topics will include organic chemistry, solutions, oxidation-reduction, electrochemistry, thermochemistry, Quantum Chemistry and Acid-Base reactions. Labs include real life applications of the topics covered. This course will further prepare students for careers in forensics, dentistry, nursing, engineering, pharmacy, food chemistry, performance nutrition, marine biology, zoology, and medicine among others.

**BIOLOGY II – 220****CREDIT: 1.00****GRADES: 11-12****FEE: \$20.00**

*Prerequisite: Successful completion of Biology I. Students planning to take AP Biology should enroll in Biology II or Honors Biology II and Chemistry concurrently.*

This course provides a more rigorous, in-depth investigation of subjects covered in Biology I. These topics may include biological evolution, classification, biodiversity, ecology, and the environment. Emphasis will be placed on collaboration with peers and projects.

## **HONORS BIOLOGY II – 221**

**CREDIT: 1.00**

**GRADES: 11-12**

**FEE: \$20.00**

*Prerequisite: Successful completion of Biology I and teacher recommendation. Students planning to take AP Biology should enroll in Biology II or Honors Biology II and Chemistry concurrently.*

This course provides a more rigorous, in-depth investigation of subjects covered in Biology I. These topics may include biological evolution, classification, biodiversity, ecology, and the environment. Emphasis will be placed on collaboration with peers and projects. Students taking this course should expect to examine the material with great intensity and may wish to continue their education in AP Biology and/or in a post-secondary institution.

## **ENVIRONMENTAL SCIENCE – 224**

**CREDIT: 1.00**

**GRADES: 11-12**

**FEE: \$20.00**

*Prerequisites: Students must have successfully completed Physical Science and Biology.*

In Environmental Science, students will examine the Biosphere, Lithosphere, Atmosphere, and Hydrosphere. Specifically, students will investigate how humans impact the environment to meet the basic needs for food, water, and energy. Consumption of coal, natural gas, oil, water, as well as the use of land, and plastic will be explored. The production of waste and chemicals (pesticides, herbicides, fracking fluid, etc.), and their impact will be discussed. A field trip to a sanitary landfill and a wastewater treatment facility may occur if scheduling permits. The course will include documentaries, guest speakers, career explorations, and a year-end project and presentation. Environmental science incorporates biology, chemistry, physics and physical geology and introduces students to key concepts, principles and theories within environmental science. An emphasis will be made demonstrating the relationship between humans, science, and the environment. Topics and issues covered include global environmental issues and how humans impact Earth's systems.

## **PHYSICS – 322**

**CREDIT: 1.00**

**GRADES: 10-12**

**FEE: \$25.00**

*Prerequisite: Concurrent enrollment in Algebra 2 OR successful completion of Algebra 2.*

*Recommended: A grade of "B-" or better in previous science courses.*

Physics is designed to explore physical phenomena observed in our everyday world. This course contains the study of motion, forces and energy. Laboratory work with proper collection and analysis of data is used to develop concepts. An understanding of basic graphical and mathematical concepts is an integral part of this class. Students must be willing to make a commitment to spending time outside of class to complete laboratories if needed.

**CSCC BIO 1111 INTRO TO BIOLOGY (DUAL ENROLLMENT) – 219**

**CREDIT: 1.00**

**GRADES: 11-12**

*Prerequisite: Placement into ENGL 1100*

A general biology course for the non-major designed to introduce the student to major concepts in these subject areas: cell biology, metabolism, genetics, evolution, diversity of life, and ecology. This course provides high school science credit AND four hours of college credit through Columbus State, upon successful completion of the course.

**CSCC GEOL 1151 NATURAL DISASTERS (DUAL ENROLLMENT) – 218**

**CREDIT: 1.00**

**GRADES: 10-12**

*Prerequisite: Placement into ENGL 1100*

This course is geared towards major and non-major students who have an interest in the occurrence and causes of earthquakes, volcanoes, and related hazards. Particular attention will be spent discussing their impact on climate, society, history and present policies. This course provides high school science credit AND three hours of college credit through Columbus State upon successful completion of the course.

# SOCIAL STUDIES DEPARTMENT

## **Courses Offered:**

Course Title	Course Code	Credit	Grade
World Studies	143	1.00	9
American History	243	1.00	10
Honors American History	244	1.00	10
American Government	440	1.00	11
Honors American Government	444	1.00	11
CCSCC POLS 1100	442	1.00	9-12
Sociology	343	0.50	11-12
History of My Generation	339	0.50	10-12
Political Science	347	0.50	11-12
Geography	340	0.50	9-12

**\*\*For Honors courses, the 4.5-point grading scale will be used (A=4.5 points; B=3.5 points; C=2.5 points; D=1 points; F=0 points).**

## **WORLD STUDIES – 143**

**CREDIT: 1.00**

**GRADE: 9**

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. Historical documents will be analyzed to determine the impact of the documents on the United States and the global community. Historical thinking skills continue to build as students analyze primary and secondary sources from multiple perspectives to support claims with evidence.

## **AMERICAN HISTORY – 243**

**CREDIT: 1.00**

**GRADE: 10**

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. Historical thinking skills continue to build as students analyze primary and secondary sources from multiple perspectives to support claims with evidence. In order to comply with Ohio's Learning Standards this course includes the study of historical documents.

## **HONORS AMERICAN HISTORY – 244**

**CREDIT: 1.00**

**GRADE: 10**

*Prerequisite: Teacher recommendation only.*

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. Historical thinking skills continue to build as students analyze primary and secondary sources from multiple perspectives to support claims with evidence. In order to comply with Ohio's Learning Standards this course includes the study of historical documents. Honors American History provides the opportunity for advanced work, and rigorous study of major ideas and concepts found in the study of American history. The course requires students to take greater responsibility for their learning by participating in problem-solving, class discussions and presentations, scholarly and creative processes, critical analysis and application, and reflective thinking. This course will help students prepare for possible honors, AP, and/or college level courses.

## **AMERICAN GOVERNMENT – 440**

**CREDIT: 1.00**

**GRADE: 11**

How the American people govern themselves at national, state and local levels of government is the basis for this course. Students will examine such topics as public policy, elections and voting, constitutional principles, the Bill of Rights, law and justice, and amendments to the U.S. Constitution. This course also aims to empower students to be active, engaged citizens by providing them with the knowledge and skills they need to successfully participate and create change in their communities. This course will also look to compare and contrast the U.S. Constitution with the 1851 Ohio Constitution. Finally, students will study the role the Federal Reserve plays in implementing monetary policy and the role the government plays in implementing fiscal policy.

## **HONORS AMERICAN GOVERNMENT – 444**

**CREDIT: 1.00**

**GRADE: 11**

*Prerequisite: Teacher recommendation only.*

How the American people govern themselves at national, state and local levels of government is the basis for this course. Students will examine such topics as public policy, elections and voting, constitutional principles, the Bill of Rights, law and justice, and amendments to the U.S. Constitution. This course also aims to empower students to be active, engaged citizens by providing them with the knowledge and skills they need to successfully participate and create change in their communities. This course will also look to compare and contrast the U.S. Constitution with the 1851 Ohio Constitution. Finally, students will study the role the Federal Reserve plays in implementing monetary policy and the role the government plays in

implementing fiscal policy. Honors American Government provides the opportunity for advanced work, and rigorous study of major ideas and concepts found in the study of American Government. The course requires students to take greater responsibility for their learning by participating in problem-solving, class discussions and presentations, scholarly and creative processes, critical analysis and application, and reflective thinking. This course will help students prepare for possible honors, AP, and/or college level courses.

**CSCC POLS 1100 INTRO TO AMERICAN GOVERNMENT (DUAL ENROLLMENT) – 442  
(PENDING APPROVAL)**

**CREDIT: 1.00**

**GRADE: 9-12**

*Prerequisite: Placement into ENGL 1100.*

This course introduces students to the nature, purpose and structure of the American political system. Attention is given to the institutions and processes that create public policy. The strengths and weaknesses of the American political system are discussed, along with the role of citizens in a democracy.

**SOCIOLOGY – 343**

**CREDIT: .50**

**GRADES: 11-12**

*Prerequisite: Successful completion of World Studies and American History.*

Sociology is the scientific study of society and human behavior. Areas studied in Sociology range from the analysis of brief contacts between anonymous individuals on the street to the study of global social interaction. Numerous fields within the discipline concentrate on how and why people are organized in society, either as individuals or as members of associations, groups, and institutions.

**HISTORY OF MY GENERATION – 339**

**CREDIT: .50**

**GRADES: 10-12**

The last two decades were a time of tremendous change in the United States. The major events of this era will be carefully reviewed in an attempt to determine the possible long term effects upon the American future. Major unit themes may include: domestic policy, US Economy, America's role in international affairs, battling terrorism, presidential politics and elections, and popular culture.

**POLITICAL SCIENCE – 347**

**CREDIT: .50**

**GRADES: 11-12**

This course will help students understand the US role in the world. US wealth and military power force its leaders to make choices that no other leaders in the world confront. Students will learn to evaluate the decisions that US leaders have made on a wide range of difficult foreign policy issues, including: rising Chinese power; Russian moves in Ukraine; nuclear proliferation to Iran;

terrorist threats; humanitarian disaster in Syria and Libya; and long-term challenges like climate change. We will not only describe American involvement in various international issues but also seek to understand the reasons why the US perhaps should or should not be involved, and we will see why such careful reasoning only sometimes gains traction in actual US foreign policy debates. Finally, we will assess whether US foreign policy decisions are coherent—that is, whether the US can be said to follow a “grand strategy”. By the end of the course, students will develop their ability to think about foreign policy issues, improving their ability to participate in public life as engaged citizens.

## **GEOGRAPHY – 340**

**CREDIT: .50**

**GRADE: 9-12**

In order to develop knowledgeable, active, and inquiring citizens of the world, an in-depth study of geography is imperative. A knowledge of geography will help prepare students to cope with the enormous complexities of contemporary life and give them a greater insight into the important economic, social, political and environmental issues affecting their daily lives. The World Geography course will consist of an in-depth examination of the study of geography.

The geography components of this course revolve around the five fundamental themes of geography and the nationally recognized standards of geography. The major content standards utilize geographic skills to examine various regions of the world. The emphasis of the course is on geography and climate and their impact on the development, history and government, culture and lifestyle, and contemporary society of a region.

# **BUSINESS DEPARTMENT**

## ***Courses Offered:***

Course Title	Course Code	Credit	Grade
Personal Finance	114	0.50	9-12
21st Century Career & Technology Skills	120	0.50	9-12
Business Management	127	0.50	9-12
Entrepreneurship	230	0.50	10-12
Web Page Design	316	0.50	10-12
Principles of Accounting	335	0.50	11-12
CSCC FMGT 1101	115	1.00	9-12
CSCC BMGT 1101	128	1.00	9-12
Marketing	432	0.50	9-12

## **PERSONAL FINANCE – 114**

**CREDIT: .50**

**GRADES: 9-12**

What will your financial future be? Will you live paycheck to paycheck? Will you be able to use credit? Will your credit history prevent you from buying a car? This course will help students plan their financial future and satisfy Ohio Core Standards for personal finance. As part of the class, students will complete real-world financial projects incorporating Microsoft Word, Excel, Access, and PowerPoint.

***NOTE: This class is a graduation requirement.***

## **21ST CENTURY CAREER & TECHNOLOGY SKILLS – 120**

**CREDIT: .50**

**GRADES: 9-12**

This semester-long, project-driven course for students in grades 9-12 provides a baseline of computer literacy skills and 21<sup>st</sup> Century competencies that emphasize creativity, innovation, communication, collaboration, critical thinking, and problem solving. Among the questions that students will answer are: What kind of skills and tools will help me be more productive? How do I interact safely and appropriately with my co-workers and community? What tools (software/hardware) will I need to do my job? How do I follow and promote sound ethical principles and practices in the workplace? How do I determine and develop my personal principles of ethical practice? How do I encourage respectful interaction with the natural and technological environments?

**BUSINESS MANAGEMENT – 127****CREDIT: .50****GRADES: 9-12***Recommendation: Successful completion of Personal Finance.*

This course will emphasize introductory concepts of Management Theory (“How to be an effective boss”), Economic Theory (“Should we buy or sell?”), Customer Relations (“Is the customer always right?”), Financial Management (“Does it make a profit for us?”), and other business and management principles. Students will use the computer for independent and teamwork projects. This course will help students develop work skills appropriate for today’s technologically based jobs.

**ENTREPRENEURSHIP (OWNING YOUR OWN BUSINESS) – 230****CREDIT: .50****GRADES: 10-12***Prerequisite: Successful completion of Personal Finance.*

Do you want to be your own boss, keep all the profits of your work for yourself, or be able to make a positive difference in the world? If you answered yes to any of those questions – you may be an excellent Entrepreneur like Bill Gates, Oprah Winfrey, or Donald Trump. This class is recommended for students who are interested in careers such as doctors, veterinarians, cosmetologists, etc. as well as students entering the business field. Students will create a business plan for a business or product invention of their choosing. Present of that business plan to a panel of judges is part of the semester exam. Students will have lots of room for creativity. Self-directed and motivated students will be extremely successful.

**WEB PAGE DESIGN I – 316****CREDIT: .50****GRADES: 10-12***Recommendation: Successful completion of Personal Finance.*

This course is designed to teach the fundamentals of Hypertext Markup Language (HTML) as well as an introduction to Dreamweaver CS3. The student will learn how to create impressive Web pages using HTML markup tags to format text, hyperlinks, graphics and image maps. They will then transfer that HTML knowledge into creating web pages in Dreamweaver CS3. Students must possess excellent keyboarding skills, strong problem solving skills, and have the ability to work independently on projects of moderate lengths. This is an advanced course for motivated, patient, hard-working students.

**MARKETING – 432****CREDIT: .50****GRADES: 11-12**

This course studies the interacting business activities designed to plan, price, promote and distribute want-satisfying products and services to present and potential customers. The course incorporates current developments in marketing to acquaint students with the present-day challenges of marketing activities. Students will also be introduced to the fundamentals of

working in a retail environment, which will help broaden the scope of skills such as customer service and working as a part of a team.

### **PRINCIPLES OF ACCOUNTING – 335**

**CREDIT: .50**

**GRADES: 11-12**

*Required: Successful completion of Personal Finance.*

Is the business making money or losing it? Having cash in the register drawer isn't the best way to determine if you are making a profit. In Accounting I, students will discover how to determine the profit or loss of a business. Students will also prepare balance sheets and income statements. Students will use Excel to solve accounting problems.

### **CSCC FMGT 1101 PERSONAL FINANCE (DUAL ENROLLMENT) – 115**

**CREDIT: 1.00**

**GRADES: 9–12**

*Prerequisite: Placement into DEV 0114 or higher*

This course presents a lifetime program of money management for the individual. Topics such as budgets, savings, job search, buying a house, insurance, mutual funds, stock market, real estate investments, taxes, and estate planning are covered. Students will be able to write a basic personal financial plan. This course provides a high school business elective credit AND three hours of college credit through Columbus State, upon successful completion of the course.

### **CSCC BMGT 1101 PRINCIPLES OF BUSINESS (DUAL ENROLLMENT) – 128**

**CREDIT: 1.00**

**GRADES: 9–12**

*Prerequisite: Placement into ENGL 0190 or higher*

This course provides an overview of the various functions and activities of business enterprises. Marketing, human resources, accounting and finance, and operations are examined. Additionally, the topics of globalization and economics are covered. Students will learn important business terms and definitions. This course provides a high school business elective credit AND three hours of college credit through Columbus State, upon successful completion of the course.

# WORLD LANGUAGE DEPARTMENT

## **Courses Offered:**

<u>Course Title</u>	Course Code	Credit	Grade
French I	145	1.00	9-12
French II	245	1.00	10-12
French III	345	1.00	11-12
French IV	445	1.00	12
Spanish I	146	1.00	9-12
Spanish II	246	1.00	9-12
Spanish III	346	1.00	10-12
Spanish IV	448	1.00	11-12

### **FRENCH I – 145**

**CREDIT: 1.00**

**GRADES: 9-12**

*Prerequisite: C average or higher in English.*

French 1 will serve as an in-depth introduction to the French language and culture. In class, students will be required to participate in French as much as possible, and the teacher will be speaking in French as much as possible as well. In level 1, students will begin subject-verb agreement and the construction of simple sentences, and be introduced to a wide variety of French vocabulary. In addition to vocabulary, students will discover multiple French-speaking regions of the world, as the wide variety of francophone cultures are discussed. Students will also have an opportunity to experience francophone food and music in class. Class fees will cover a workbook, in which homework activities will be completed.

### **FRENCH II – 245**

**CREDIT: 1.00**

**GRADES: 10-12**

**FEE: \$15.00**

*Recommended: C average or higher in French I and instructor permission.*

French II is a continuation of the basic skills learned in French I. In French II, there will be a higher emphasis on communication in the French language, as we work towards fluency. The French II classroom will also have a larger focus on grammar, as we begin to learn the past tense, and use it in conjunction with the present tense. As in French I, French II will cover a broad range of vocabulary topics, as well as many diverse cultural topics. Students will be challenged to speak in French as much as possible, and the teacher will also be speaking in French for the majority of the class. Class fees will cover a workbook, in which homework activities will be completed.

**FRENCH III – 345****CREDIT: 1.00****GRADES: 11-12****FEE: \$15.00**

*Recommended: C or higher average in French II and instructor permission.*

French III will have two goals. One will be to gain an increased comprehension of French grammar, through reading and writing. The second will be to increase the students' personal French vocabulary and pronunciation while speaking. As a result of this class, the French student should be better equipped to handle real-life speaking tasks, understand more spoken French, and be able to complete short reading and writing assignments with minimal difficulty. This class will have a larger emphasis on communication than in the French 1 and 2 classes.

**FRENCH IV – 445****CREDIT: 1.00****GRADES: 12****FEE: \$15.00**

*Prerequisite: Recommendation by instructor. Three years of French required. Students with a real interest in becoming fluent and knowledgeable of the language are recommended to take this class.*

French IV is designed for students who have a strong understanding of the material covered in levels I-III. French IV will challenge students to communicate in French, both in its written and oral forms. As with levels I-III, francophone culture will also be a large component of this class. French IV will be conducted completely in French, and will focus on the students' abilities to communicate. Students will also be focused on French communication in the real world, so that they are prepared to use the language after high school. As a result of taking this class, students will be prepared to enter into a University-level French class, as well as communicate with a native French speaker.

**SPANISH I – 146****CREDIT: 1.00****GRADES: 9-12**

*Prerequisite: C average in English.*

This course is an introduction to the Spanish language and culture. Basic grammar and vocabulary are introduced with an emphasis on subject/verb/adjective agreement. Thematic vocabulary is extensively covered in each lesson. Reading and listening materials in Spanish are presented throughout the course. Writing complete sentences and short paragraphs is introduced at this level. Listening, comprehending and speaking interactively in Spanish are acquired as the student participates in communication exercises. Latino culture (music, food, fashion, holidays, sports, society) and geography are presented throughout the year in readings, films, maps, etc. Students will pose and respond to questions in Spanish as well as react to instructions delivered in Spanish.

**SPANISH II – 246****CREDIT: 1.00****GRADES: 9-12**

*Recommendation: C average in Spanish I and instructor's recommendation.*

This course extends upon thematic vocabulary learned in Spanish I and introduces new, in-depth vocabulary topics. Advanced grammatical structures are integrated with basic grammar learned in level one through a variety of written assignments. Comprehension of the written language is practiced by studying authentic reading materials. Listening for understanding of the spoken language by native and non-native speakers is further developed, as are speaking skills. Spanish-speaking cultures are continually presented, including more in-depth discussion of Spain's influence on Latin America through explorations and conquests.

**SPANISH III – 346****CREDIT: 1.00****GRADES: 11-12**

*Recommendation: B or higher in Spanish II and instructor's permission.*

In this course, the study of grammatical structures is intensive. Thematic vocabulary and phonetics are studied in depth and at a more rigorous pace. Students experience reading Spanish literary texts, magazines and newspapers for enjoyment and discussion. Writing lengthy reports, compositions, and journal entries is also part of this course. Latino culture and geography are featured throughout the year. There is an introduction to literature through the study of some famous masterpieces such as "Una Carta a Dios". Speaking Spanish is required throughout the year, as the course focuses not only on the written language but on communication in Spanish. Students are expected to finish the year with the ability to converse comfortably in real-life situations. Students are required to take an active role in projects and group activities.

**SPANISH IV – 448****CREDIT: 1.00****GRADE: 12**

*Prerequisite: B or higher in Spanish III and teacher recommendation.*

This course is designed for fourth-year Spanish students who intend to pursue Spanish at the college and/or professional level. The goal of the course is the mastery and enrichment of topics learned in the first three levels through conversation and presentational communication in the target language. Spanish 4 includes an in-depth study of the history of Spanish-speaking cultures, with a focus on the conquest and its effect on Latino culture today. Students will read notable works of literature including excerpts from Don Quijote and complete oral, aural, and written assessments.

# HEALTH AND PHYSICAL EDUCATION DEPARTMENT

## ***Courses Offered:***

<u>Course Title</u>	<u>Course Code</u>	<u>Credit</u>	<u>Grade</u>
Health	150	0.50	10
Advanced Health	250	0.50	11-12
General Physical Education	151	0.25	9-12
Basic Weight Training	251	0.25	9-12
Team Sports	352	0.25	11-12

## **PHYSICAL EDUCATION GRADUATION REQUIREMENT WAIVER**

Students who participate in two seasons of district-sponsored high school interscholastic athletics, marching band or cheerleading will not be required to complete any physical education course as a condition of graduation. (An athletic season is defined by the rules and bylaws of the Ohio High School Athletic Association). Partial credit will not be granted. Granting of this waiver becomes effective upon completion of the specified athletic seasons as approved by the band director, athletic or cheerleading coach/advisor and submission to the Guidance Office (forms for the waiver are located in the guidance office). Please keep in mind that NO high school credits are awarded for the PE waiver program.

## **HEALTH – 150**

**CREDIT: .50**

**GRADE: 10**

Students will acquire the knowledge and skills essential to the development of health literacy and enhance their ability to make responsible decisions. Throughout their exploration of health-related careers, body systems, nutrition, growth and development, mental-emotional health, physical activity, alcohol, tobacco, and other drugs, students become more empowered about lifestyle choices, which affect their health. They will also learn how to advocate for personal, family, and community health.

## **ADVANCED HEALTH – 250**

**CREDIT: .50**

**GRADES: 11-12**

This course will consist of an in depth study of the human body. All of the body systems will be studied along with principles of Nutrition, Exercise Physiology, Kinesiology, and Communicable Diseases. Students will also become American Red Cross certified in CPR & First Aid. Advanced Health is designed to prepare any student wishing to complete a secondary degree in any health related field.

**GENERAL PHYSICAL EDUCATION – 151****CREDIT: .25****GRADES: 9-12***Appropriate Dress Required*

In General Physical Education emphasis is placed on teaching skills necessary to perform adequately in lifelong activities. Through physical education, we strive to develop the student mentally, physically, and socially. Students will be tested on skills and techniques along with written rules and regulations of the sport or activities.

**BASIC WEIGHT TRAINING AND CONDITIONING – 251****CREDIT: .25****GRADES: 9-12***Appropriate Dress Required*

This course teaches students an effective, efficient means of developing strength, power, endurance and flexibility along with increasing cardiovascular endurance. Gaining knowledge of the difference between training for males and females, the social setting and using the proper amount of weight are also goals of the class. Students will also be evaluated on their progress.

**TEAM SPORTS – 352****CREDIT: .25****GRADES: 11-12***Prerequisite: Completion of Physical Education graduation requirements (2 Semesters).*

This is an elective course offered to 11th and 12th grade students who have completed their two semesters of physical education to meet the graduation requirements. The emphasis is placed on team sports such as volleyball, basketball, softball, and football.

Team Sports does NOT count toward the physical education requirement.

# FAMILY AND CONSUMER SCIENCES

## DEPARTMENT

### ***Courses Offered:***

<u>Course Title</u>	<u>Course Code</u>	<u>Credit</u>	<u>Grade</u>
Principles of Food	259	0.50	10-12
Global Foods	358	0.50	11-12
Child Development	356	0.50	11-12
3E Readiness	904	0.50	11-12

### **PRINCIPLES OF FOOD – 259**

**CREDIT: .50**

**GRADES: 10-12**

**FEE: \$25.00**

This course is designed to help students select, store, prepare, and meet lifestyle nutrition needs. Topics to be covered include: identifying personal nutrition needs, food selection and preparation techniques, shopping skills, and kitchen management. Some food laboratory experiences will be a part of this course. Healthy and Safe Foods and Healthy Living should not be taken during the same semester.

### **GLOBAL FOODS – 358**

**CREDIT: .50**

**GRADES: 11-12**

**FEE: \$25.00**

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of speciality and advanced equipment in the preparation of food dishes.

NOTE: Principles of Food and Global Foods should not be taken during the same semester.

### **CHILD DEVELOPMENT – 356**

**CREDIT: .50**

**GRADES: 11-12**

**FEE: \$5.00**

In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

**3E READINESS****CREDIT: .50****GRADES: 11-12**

This semester course offers students the opportunity to experience an authentic and realistic view of a career field of the student's choice that they may be interested in pursuing in the future. By gaining 50+ hours of first-hand on site experience, students are prepared to choose a career that aligns with their passions, strengths, and interests. Students will also have greater insight to help them identify the best post-secondary educational path that will assist them in reaching their goals. Students explore a career field by obtaining a mentor at a business/organization of their choosing. Areas students may mentor in are dependent on the ability of the student in obtaining a mentor in the field of their interest. Experiences may be paid or non-paid depending on the arrangement with the mentor site. Students must provide their own transportation.

# ART DEPARTMENT

## **Courses Offered:**

<u>Course Title</u>	<u>Course Code</u>	<u>Credit</u>	<u>Grade</u>
Three-Dimensional Design	164	0.50	9-12
Drawing	165	0.50	9-12
Crafts	166	0.50	9-12
Graphic Design	260	0.50	9-12
Painting	261	0.50	9-12
Digital Photography	263	0.50	10-12
Sculpture/Ceramics	264	0.50	9-12
Intermediate Drawing	265	0.50	9-12
Advanced Drawing	360	0.50	10-12
Intermediate Painting	361	0.50	10-12
Advanced Painting	363	0.50	11-12
Advanced Portfolio	365	0.50	11-12
AP Art	366	1.00	11-12

**\*\* For AP Art, the 5-point grading scale will be used (A=5 points; B=4 points; C=3 points; D=1 point and F=0 points).**

### **THREE DIMENSIONAL DESIGN – 164**

**CREDIT: .50**

**GRADES: 9-12**

**FEE: \$25.00**

Students will understand how to use art elements, principles, and images to create their own artwork in a variety of three-dimensional visual forms (sculpture). Students will understand how to describe, analyze, interpret, and judge their own art and art of others.

### **DRAWING – 165**

**CREDIT: .50**

**GRADES: 9-12**

**FEE: \$25.00**

Students will understand how to use art elements, principles, and images to create their own art works through exploration of basic drawing techniques and media.

**CRAFTS: FORM AND FUNCTION – 166****CREDIT: .50****GRADES: 9-12****FEE: \$25.00**

Students will understand the cultural values in various traditions that influence forms of art such as jewelry making, and textiles. Students will make informed choices in selections of materials, subject matter and techniques to create art forms that reflect these traditions.

**GRAPHIC DESIGN – 260****CREDIT: .50****GRADES: 9-12****FEE: \$15.00**

Students will use available technology (including digital imagery, video and computer graphics) as a tool to explore art techniques and express ideas. Students will investigate careers in visual arts.

**PAINTING – 261****CREDIT: .50****GRADES: 9-12****FEE: \$50.00**

*Prerequisite: Successful completion of Drawing.*

Students will identify, select, and use arts elements and principles to express emotions and produce a variety of visual effects using various painting media and techniques. Students will engage in ongoing assessment to improve their art works.

**DIGITAL PHOTOGRAPHY – 263****CREDIT: .50****GRADES: 10-12****FEE: \$25.00**

*Prerequisite: Successful completion of Graphic Design, a digital camera or a smartphone (with USB cable), and a jump drive. Camera requirement can be waived with permission of instructor.*

Students will use available technology to explore art techniques and express ideas. Students will explain artistic processes from conceiving an idea to completing a work of art and evaluate their choices of compositional elements in terms of how these choices affect the subject matter of the work.

**INTERMEDIATE DRAWING – 265****CREDIT: .50****GRADES: 9-12****FEE: \$25.00**

*Prerequisite: Successful completion of Drawing.*

Students will continue to develop skills and techniques introduced in Drawing, as well as begin to explore alternative media and styles. Students will engage in ongoing assessment to revise and improve their artwork, as well as begin developing their portfolio.

**SCULPTURE/CERAMICS – 264****CREDIT: .50****GRADES: 9-12****FEE: \$25.00**

*Prerequisite: Successful completion of Three-Dimensional Design.*

Students will create three-dimensional art works that demonstrate a sense of purpose and understanding of materials, techniques, and concepts. Students will engage in ongoing assessment to revise and improve their art works.

**ADVANCED DRAWING – 360****CREDIT: .50****GRADES: 10-12****FEE: \$25.00**

*Prerequisite: Successful completion of Intermediate Drawing.*

Students will create advanced drawings that demonstrate a sense of purpose and understanding of the relationship among materials, techniques, and concepts. Students will engage in ongoing assessment to revise and improve their drawings to produce a portfolio.

**INTERMEDIATE PAINTING – 361****CREDIT: .50****GRADES: 10-12****FEE: \$25.00**

*Prerequisite: Successful completion of Painting.*

Students will continue to develop skills and techniques introduced in Painting as well as continuing a more in depth exploration of alternative media and styles. Students will engage in ongoing assessment to revise and improve their art work as well as begin developing their portfolios.

**ADVANCED PAINTING – 363**

**CREDIT: .50**

**GRADES: 11-12**

**FEE: \$25.00**

*Prerequisite: Successful completion of Intermediate Painting.*

Students will create advanced paintings that demonstrate a sense of purpose and understanding of the relationship among materials, techniques, and concepts. Students will engage in ongoing assessment to revise and improve their paintings to produce a portfolio.

**ADVANCED PORTFOLIO – 365**

**CREDIT: .50**

**GRADES: 11-12**

**FEE: \$25.00**

*Prerequisite: Successful completion of any two advanced art classes.*

Students will explore a chosen media (photography, painting, jewelry making, drawing, etc.) in depth. Students will engage in ongoing assessment to improve their artworks and to produce a portfolio, which will demonstrate a sense of purpose and an in-depth understanding of the relationship among selected materials, techniques, and concepts.

**AP ART – 366**

**GRADE: 11-12**

**CREDIT: 1.00**

**FEE: \$94.00**

*Prerequisite: Instructor recommendation.*

For advanced art students who wish to pursue art at the college level. Students choose two-dimensional design, three-dimensional design or drawing.

# TECHNOLOGY AND DESIGN

## DEPARTMENT

***Courses Offered:***

<u>Course Title</u>	<u>Course Code</u>	<u>Credit</u>	<u>Grade</u>
Fundamentals of Technology	167	0.50	9-12
Homeowners Education	169	0.50	9-12
Advanced Technology	268	1.00	10-12
Advanced Technology II	368	1.00	11-12
Advanced Technology III	468	1.00	12
Engineering Drawing I	267	0.50	10-12

**FUNDAMENTALS OF TECHNOLOGY: DESIGN AND BUILD – 167**

**CREDIT: .50**

**GRADES: 9-12**

**Fee: \$20.00**

*Measuring skills and knowledge of basic algebra is helpful.*

Supplies needed: ANSI/OSHA approved safety glasses.

This course is designed to focus on basic techniques and processes involved with separating and combining wood into useful products. Students will be required to perform operations using a variety of woodworking equipment. Possible areas of study: computer-aided drawing, project planning, shop safety, woodworking and joinery, mechanical fasteners and adhesives, power tools and hand tools.

**HOMEOWNERS EDUCATION: RESIDENTIAL CONSTRUCTION AND MAINTENANCE – 169**

**CREDIT: .50**

**GRADES: 9-12**

**FEE: \$20.00**

*Basic mastery of measuring and algebra is very helpful.*

Supplies needed: ANSI/OSHA approved safety glasses.

This is a course designed to acquaint students with a variety of industrial and construction materials and processes. Areas covered may include: footing and foundations, concrete, masonry, framing and rough carpentry, plumbing fundamentals, roofing systems, HVAC and environmental systems, drywall, finish carpentry, power and hand tools, shop safety, blueprint reading, landscaping and fire prevention/suppression systems.

**ENGINEERING DRAWING: TECHNICAL ILLUSTRATION AND DESIGN – 267**

**CREDIT: .50**

**GRADES: 10-12**

**FEE: \$20.00**

*Prerequisite: Successful completion (grade C or better) of Algebra I.*

This course gives all students, especially those interested in a drafting or engineering career, a beginning knowledge of the tools and procedures used in drafting. Areas of study may include: mechanical and architectural drawing, renderings, computer-aided design and drawing, drawing tools, material and media, engineering problem solving, precision measuring and instrumentation, fundamentals of surveying, and industrial and product design.

**ADVANCED TECHNOLOGY: PRODUCT INNOVATION – 268**

**CREDIT: 1.00 (yearlong)**

**GRADES: 10-12**

**FEES: \$40.00**

*Prerequisite: Successful completion (grade of C or better) of at least two of the following: Engineering Drawing I, Homeowners Ed or Fundamentals of Technology.*

Supplies needed: ANSI/OSHA approved safety glasses.

This course uses advanced techniques and processes, including set-up and operation of all shop equipment. Each student is required to design and construct his/her own projects. Possible areas of study may include but are not limited to: jigs and fixtures, welding, knots and lashings, project cost estimating, tool sharpening, lathe turning, shop safety, problem solving using tools and equipment, power and hand tools, advanced woodworking and project design.

**ADVANCED TECHNOLOGY II – 368**

**CREDIT: 1.00 (yearlong)**

**GRADES: 11-12**

**FEES: \$40.00**

*Prerequisite: Successful completion of Advanced Technology.*

Continuation of Advanced Technology.

**ADVANCED TECHNOLOGY III – 468**

**CREDIT: 1.00 (yearlong)**

**GRADE: 12**

**FEES: \$40.00**

*Prerequisite: Successful completion of Advanced Technology II.*

Continuation of Advanced Technology II.

# MUSIC DEPARTMENT

## **Courses Offered:**

<u>Course Title</u>	<u>Course Code</u>	<u>Credit</u>	<u>Grade</u>
Concert Band	170	1.00	9-12
Symphonic Band	178	1.00	9-12
Concert Choir	172	1.00	9-12
Treble Choir	175	1.00	9-12
Symphonic Choir	176	1.00	9-12
Chamber Singers	179	1.00	9-12
Music Appreciation	270	0.50	9-12
Music Theory	271	0.50	9-12

### **CONCERT BAND – 170**

**CREDIT: 1.00**

**GRADES: 9-12**

**FEE: \$80.00**

*Fee to be paid at band camp.*

*Recommendation: Placement is based on auditioning with the director.*

The Concert Band is open to all wind and percussion players in the high school. The Concert Band focuses on refining instrument playing skills, building ensemble playing skills, and performing musical literature at an intermediate level. Concert Band performs at all school sponsored concerts during the academic year. Participation in marching band and basketball pep band is required for everybody enrolled in high school band. This includes after school rehearsals, summer practices, community events, and OMEA sanctioned events. Participation in Concert Band is a prerequisite for participation in Jazz Band and Percussion Ensemble.

### **SYMPHONIC BAND – 178**

**CREDIT: 1.00**

**GRADES: 9-12**

**FEE: \$80.00**

*Fee to be paid at band camp.*

*Recommendation: Placement is based on auditioning with the director.*

Symphonic Band is open to all wind and percussion players in the high school. The Symphonic Band focuses on mastering instrument playing skills, developing advanced techniques, and performing musical literature at an advanced level. Symphonic Band performs at all school sponsored concerts during the academic year, as well as OMEA Solo & Ensemble and Large Group contests. Participation in marching band and basketball pep band is required for everybody enrolled in a high school band. This includes after school rehearsals, summer practices, community events, and OMEA sanctioned events. Participation in Symphonic Band is a prerequisite for participation in Jazz Band and Percussion Ensemble.

**CONCERT CHOIR – 172****CREDIT: 1.00****GRADES: 9-12**

Concert choir will serve as a beginning ensemble for students who are new to singing or those students whose skill and reading is not yet prepared for a more advanced, faster moving performing group. The Concert Choir will perform at all school-sponsored concerts throughout the year, including a holiday concert, a mid-winter concert, and a spring concert. Membership requires attendance at all school approved vocal music activities.

**TREBLE CHOIR – 175****CREDIT: 1.00****GRADES: 9-12**

*Prerequisite: Membership based on vocal audition with choir director.* The choir will perform at all school-sponsored concerts throughout the year, including a holiday concert, a mid-winter concert, and a spring concert. The goal of this ensemble is to sing 3-part choral literature while furthering the group's sight-reading skills.

**SYMPHONIC CHOIR – 176****CREDIT: 1.00****GRADES: 9-12**

*Prerequisite: Membership based on vocal audition with choir director*

Symphonic choir will serve as the high school's premier choral ensemble. Students will be expected to sight-read music on a basic level and have an understanding of correct vocal production. Symphonic Choir will sing 4-part, SATB, music. Emphasis is placed on performance at concerts, various Ohio Music Educators Association competitions, and some community activities

**MUSIC APPRECIATION – 270****CREDIT: .50****GRADES: 9-12**

Music Appreciation I is the study of music from its beginning to the classical period. The effect music had throughout history will be studied. A goal of the course will be to make the student an informed listener and consumer of all genres of music by using many of the components of music such as rhythm, melody, harmony, form, and tone color.

**MUSIC THEORY – 271****CREDIT: .50****GRADES: 9-12**

*Prerequisite: Students must have prior musical experience in band, choir or private vocal/instrumental lessons. If a student is not in band or choir, teacher recommendation is required.*

This course examines the various parts or elements of music, melody, harmony, rhythm and timbre, texture, form and the ways in which these individual elements combine and interact to

create a piece of music. This is an introductory course in the fundamentals of music, which involves learning major and minor scales, key signatures, interval and triads. It also includes the study of time signature, various rhythms and note values through rhythmic and melodic dictation. There will also be a brief introduction to music history as it relates to music theory.

**CHAMBER SINGERS – 179**

**CREDIT: .25**

**GRADES: 9-12**

**FEE: \$10.00**

*Prerequisite: Current member of Symphonic Choir and vocal audition with choir director*

Auditions for Chamber Singers are held in the fall and rehearsals are Tuesdays from 2:30-3:30. Attendance is of the utmost importance at all rehearsals and performances as they are only once weekly and the ensemble small. Performances are normally outside the school day and held somewhere in the community.

# OTHER ELECTIVES

## **PRINT AND DIGITAL MEDIA PRODUCTION – 307**

**CREDIT: 1.00**

**GRADES: 10-12**

*Prerequisites for the Media Teams: The student must fill out an application and participate in an interview with the advisor and current staff. The advisor determines who works on either Media Team. Admission is based on the application, the interview process, and teacher recommendations.*

Each year of successful completion of this course earns one (1) elective credit, which does not substitute for school or state English credit requirements. Enrollment may be limited.

Print and Digital Media Production is a course organized into two teams of students. The Print Media Team is responsible for producing the yearbook. The Digital Media Team is responsible for operating the building's graphic technology equipment. Students from each team will learn about the other team's work and be given opportunities to participate. Both teams will allow students to create an impressive portfolio for post-secondary education and immediate employment. Some out-of-school work time, including during the summer, is required of both teams:

**The Print Media Team** will focus on designing, writing, editing, and publishing the yearbook. Digital tools and photography will be featured throughout yearbook production. Additionally, students will arrange advertisement sales and demonstrate interpersonal, customer relation, time management, and budgeting skills.

**The Digital Media Team** will focus on media design, marketing sponsorships, and sales of advertising space on the centerpiece of the team's work: a new 25' x 14' live video display planned for the outdoor stadium. The outdoor display also includes a new sound system. Student graphic designers will drive advertising agreements while creating multimedia features, both audio and visual, for local businesses and promote Hamilton Local Schools.

Operating during most outdoor stadium functions, the new graphic board also will showcase our students by brightly and loudly celebrating their accomplishments. In addition to earning one elective course credit, Digital Media Team members will be enrolled in a pre-apprenticeship program that is a graduation pathway. The stadium board, related equipment, and design tools will provide an on-campus lab while Fortress Obetz is where Digital Media Team members get their field experience. Digital Media Team members will be assigned to Hamilton and Fortress events and must cover those events, sometimes needing to adjust their own out-of-school work and personal schedules to operate Hamilton and Fortress equipment. Some out-of-school work time is required, including time during the summer.

**COMMUNITY SERVICE PROJECT – 012****CREDIT: .50****GRADES: 9-12**

*Required for graduation. Credit is earned upon completed stages of service.*

The Community Service Project (CSP) at Hamilton Township High School provides each student the opportunity to declare potential careers to investigate during high school; complete service hours toward a chosen career or approved volunteer effort; reflect on meaningful events during the project; and formally request information from individuals, organizations, or businesses that may assist the research effort. The CSP is a superb indication of a student's character, insight, responsibility, fortitude, and potential. The CSP will demonstrate students' accomplishments and intentions when seeking meaningful employment after graduation. All students enrolled in HTHS must contribute a minimum total of 30 hours of community service. Volunteer service may begin the day after the student finishes 8th grade and should continue through their senior year.

# **SPECIAL EDUCATION PROGRAMS**

Placement in the following courses occurs only after a detailed multi-factored assessment has been completed. In addition, team meetings involving school psychologists, teachers, parents, counselors, special education staff, and support personnel are held to mutually decide upon appropriate program placement and educational goals.

## **INCLUSION**

The Inclusion Program includes services within the regular classroom as well as separate individual instruction in a guided study period. In the regular classroom, the inclusion teacher works with the classroom teacher to provide the necessary supplemental services including interventions.

## **RESOURCE ENGLISH AND/OR MATH**

**CREDIT: 1.00 per class**

**GRADES: 9-12**

These classes are only available for students who have Individualized Educational Plans and require small group instruction to meet their academic needs. Instruction in the core content areas of English and Math is available in the Resource setting.

## **CROSS CATEGORICAL PROGRAM**

**GRADES: 9-12**

This class is designed for students who have cognitive delays. Students are placed in this class according to their Individualized Educational Plans. Students in this class receive a structured environment and a curriculum developed to their individual needs. The class is intended to work on functional skills to increase independence in the school and community. Students will also work on developing social skills, self monitoring skills, and school to work transition. Individualized instruction and small class size provide opportunities for student achievement. Students will be required to participate in a volunteer work program where they will develop a career passport to evaluate their work experience in the community.

## **WORK STUDY**

**CREDIT: 1.00**

Work-Study is designed for students on IEP's to gain work experience in the community while earning elective credits. Admittance into work-study is determined by the IEP team, which includes parents, students, teachers, and the Transition Coordinator. Students must complete an application for the Work Study Program. Students are required to maintain accurate records of hours worked. Grades are based on completion of accurate record keeping, employer evaluations, and the evaluation of the Transition Coordinator.

# **OPTIONAL PROGRAMS**

## **CAREER BASED INTERVENTION**

### **CREDIT: 3.00**

Career Based Intervention (CBI) is a high school program designed to provide a successful educational experience for students that may struggle in the traditional classroom. The CBI program fits the schedule to the students' needs. The schedule provides the student with the required academic coursework needed to satisfy Hamilton Local graduation requirements and allows the student to work within the school day. A special interest is placed on the individual students' needs. Attendance, accountability, and self-discipline are emphasized within the program, leading students to academic success while learning job skills. Each student is required to attend school on a daily basis. The students are placed in a job within the school district throughout the school year. Upon successful completion of the course, students earn one credit for the CBI class and two credits for their HLS work experience. Enrollment in the CBI program is a privilege. Students may be removed from the program at any time for not abiding by the guidelines in the CBI Parent/Pupil Agreement, CBI Training Agreement, CBI Manual or at the discretion of the CBI coordinator and/or HLS administrators.

## **EMERGENCY MEDICAL TECHNICIAN PROGRAM**

### **GRADE: 12**

### **CREDIT: 2.00**

The Franklin County Firefighters | Grant Medical Center EMS Education program is designed to improve patient care by making high quality education available to those who have a desire to provide emergency medical services in communities across Ohio. Students will learn the following: anatomy and physiology, airway management, patient assessment, medical and trauma operations, and special populations. The program, one of the largest and most respected in the Midwest, is accredited by the Ohio Department of Public Safety, Division of EMS, to conduct Emergency Medical Responder (EMR), Emergency Medical Technician (EMT), Advanced EMT (AEMT), and paramedic training and education in the State of Ohio. Students must discuss their interest in participating in this program with their school counselor prior to the start of their senior year.



# Eastland-Fairfield Career & Technical Schools

## EXPLORE THE POSSIBILITIES.

Eastland-Fairfield Career & Technical Schools offers nearly 40 programs for you to choose from while you're in high school. Their programs provide you with the opportunity to pursue your talents and interests, whether you're planning to pursue college or a real-world career. It's a head start that lets you explore your choices now...and can help you make the most of your choices after graduation.

### **Agricultural & Environmental Systems**

- Animal Management (FCC)
- Environmental Science (New Albany High School)
- Landscape Design & Management (ECC)

### **Arts & Communication**

- Graphic Design (ECC)
- Performing Arts  
(Reynoldsburg H.S. - Livingston Campus)

### **Finance/Business & Administrative Services/Marketing**

- Fashion Merchandising  
(Canal Winchester High School)
- Marketing & Logistics Management  
(Groveport Madison High School)
- Medical Office (ECC)

### **Construction Technologies**

- Architecture/Construction Management  
(Gahanna Lincoln H.S. - Clark Hall)
- Construction (FCC)
- Electrical (ECC)
- Heating, Ventilation, Air Conditioning & Refrigeration (FCC)

### **Education & Training**

- Teaching Professions  
(Gahanna Lincoln H.S. - Clark Hall)

### **Health Science**

- Bioscience  
(Gahanna Lincoln H.S. - Clark Hall)
- Dental Assisting (ECC & FCC)
- Exercise Science (FCC)
- Pharmacy (FCC)
- Pre-Nursing (FCC)

### **Hospitality & Tourism**

- Culinary Arts (ECC)

### **Human Services**

- Cosmetology (ECC & FCC)
- Employability Prep (Offsite)
- Nail Services (FCC) (Senior Only)
- Project SEARCH (Offsite)

### **Information Technology**

- Cyber Security (FCC)
- Interactive Media (ECC)
- Multimedia (Pickerington High School North)
- Programming & Software Development (ECC)

### **Law & Public Safety**

- Criminal Justice (ECC & FCC)

### **Manufacturing Technologies**

- Pre-Engineering (ECC)
- Welding (ECC)

### **Transportation Systems**

- Agriculture & Heavy Equipment (ECC)
- Automotive (ECC & FCC)
- Auto Body & Paint (ECC) (Senior Only)
- Aviation (ECC)

### **Locations:**

- (ECC)—Eastland Career Center, Groveport
- (FCC)—Fairfield Career Center, Carroll

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614-836-4530

# EASTLAND-FAIRFIELD CAREER & TECHNICAL SCHOOLS

Eastland-Fairfield Career & Technical School District programs are open to all eleventh and twelfth grade students within our district who demonstrate the ability and interest to attend.

Students remain enrolled in and still graduate from this school and are encouraged to continue participation in our high school extracurricular activities.

With programs on two campuses and five satellite locations, Eastland-Fairfield is closer than you think. Satellite programs are offered at Canal Winchester, Gahanna, Groveport Madison, New Albany, Pickerington North, and Reynoldsburg High Schools.

## CONNECTING ACADEMICS TO REAL-WORLD SUCCESS

Eastland-Fairfield Career & Technical Schools allows students to immerse themselves in a career field or profession, spending a half-day with hands-on learning and gaining real-world experience. Classrooms and labs are equipped with the latest technology. Students learn from teachers who are seasoned professionals in their career field. Combine that with top-notch academics, and you have what employers call added value.

## FAST TRACK TO A SATISFYING CAREER

The Eastland-Fairfield learning environment extends far beyond the classroom. Internships, job shadowing, community service, field trips, guest speakers, and cooperative education all provide valuable experience, connections, and practice in using technical and people skills.

## JUMP START ON COLLEGE AND SAVING MONEY

Not only do Eastland-Fairfield programs prepare students for further study, but many also allow students to earn college credit or enter college with advanced standing. Students can earn college credits in selected programs, graduating with a college transcript that can be taken nearly anywhere!

