

## PREFACE

The Coshocton High School Course Catalog is designed to assist students in planning their education. The purpose of the course catalog is to help each student make wise choices in individual planning before registration time.

Both students and parents should carefully review the opportunities offered at Coshocton High School. Selection of a course of study is an individual matter which should be based on the student's own interests, abilities, achievements and ambitions. However, many people, including school counselors, teachers, parents, and employers, can be helpful in the selection process.



## ADDING AND/OR DROPPING OF SCHEDULED CLASSES

Students are to follow the schedule they received during the arena scheduling process. If it is necessary to add or drop a class, students must present to their counselor a request signed by a parent or guardian.

- No student may add a class after the tenth full day of school of any semester.
- After the tenth full day of the semester, the principal's permission is required to drop a class. Student may receive an "F" for the year in the class that was dropped.\*
- Even though students have failed a course, for one reason or another, they must remain in the course for the remainder of the semester or year, unless removed by the principal.

\*The principal may determine to waive the "F" grade.

## ADVANCED PLACEMENT (AP) CLASSES

The AP Program, governed by the College Board, allows high school students to take college-level courses and exams, and to earn college credit or placement while still in high school. Each AP course has a corresponding exam (\$94.00 fee) administered worldwide in May. **Students taking AP classes are required to take the AP Exam.** Earning a passing grade on the exam determines whether college credit could be awarded.

Coshocton High offers three AP courses: AP Language and Composition (English III), AP Literature and Composition (English IV), and AP Government. Please read the course descriptions and prerequisites before enrolling for one of these classes. You may also visit [www.collegeboard.org](http://www.collegeboard.org) for more detailed course and test information.

## **ARENA SCHEDULING**

The students and staff at Coshocton High School participate in the arena scheduling process each spring in order to register for classes for the following school year. Arena scheduling allows each student to select his/her own classes based on individual needs. Along with teacher input, choice and accountability are the centerpieces of arena scheduling. Before students leave for summer break, they will have their schedule for next school year.

## **CAREER ADVISING**

Coshocton High School now has additional career services. The career advisor collaborates with our school counselors to guide students with career development and college credit plus (CCP) options. The advisor works as a link between CHS and institutions of higher education (IHEs) to monitor CCP student success. Pathways will be used to ensure educational success with our students. Parents and students can make an appointment with the career advisor at any time by contacting the CHS Office or by emailing Mrs. Lovett at [amber.lovett@coshoctonredskins.com](mailto:amber.lovett@coshoctonredskins.com).

## **COLLEGE CREDIT PLUS OPTION**

College Credit Plus (CCP) replaces Ohio's Post-Secondary Enrollment Options program (PSEO) and all alternative dual enrollment programs. The CCP program has been operational since the 2015-16 school year. CCP requires two fundamental conditions:

1. Student must be enrolled in both college and high school.
2. Student can earn college and high school credit upon successful completion of the course.

CCP courses must be the same as those offered on campus - included in the institution of higher education's (IHE) course catalog. The courses must also be non-remedial and should apply towards a degree or professional certificate. They must also be taught by instructors who meet the Ohio Board of Regent's academic credential requirements. Students must meet the IHE's admission requirements to receive credit, such as ACT score, GPA and/or successful completion of a college readiness assessment.

See your school counselor for a list of available courses offered for the next school year (also found after course listings in this course catalog). Interested students in grades 9-12 should contact the Guidance Office by April 1st of the year preceding CCP placement.

## **COUNSELING PROGRAM**

The basic purpose of the school counseling program at Coshocton High School is to help students acquire the skills, knowledge and attitudes they will need to become effective students, responsible citizens, productive workers and life-long learners.

Teachers, counselors, and administrators will gladly meet with students and/or parents concerning student achievement and study habits in any subject area. Both students and parents are encouraged to make appointments with the counselors to discuss areas of interest or concern for the following reasons: (1) academic (2) career (3) personal/social.

Course selection is of major importance to the student and therefore is an integral part of the counselors' functions. Through individual interviews or group guidance, students are made fully aware of course offerings and the requirements for graduation. Counselors also strive to educate students on career pathways and how to integrate them into their schedules.

Students are assigned to a particular counselor alphabetically. This does not prevent students from going to a different counselor with whom they feel more at ease. It is important for students to take advantage of counseling services available.

### **EARLY GRADUATION**

It is our philosophy that four years of high school is best for most students. Twenty credits is the minimum requirement for graduation, while most students have many more credits at the end of their senior year.

#### **CRITERIA FOR ELIGIBILITY FOR EARLY GRADUATION**

The following criteria are to be used in determining a student's eligibility for early graduation.

1. A student's request for early graduation must be completed one semester before the student's early graduation.
2. Correspondence courses may be approved.
3. While school personnel may offer their best thinking relative to the student's academic and intellectual capability for early graduation, the final judgment of these elements and particularly social maturity, should be determined by the parents.
4. Candidates must have met all state testing requirements.

### **EARNING CREDIT**

#### **Board Policy:**

Full-Year Course -- Students will receive four grades for a yearlong class consisting of four nine weeks grades. In order to pass the class, students must fulfill all classroom requirements and earn passing grades in three nine weeks grading periods.

Semester Course -- Students will receive two grades for each semester consisting of two nine weeks grades. In order to pass the class, students must fulfill all class requirements and maintain an average that is considered passing.

### **GRADE POINT AVERAGE, WEIGHTED GRADES AND CLASS RANK**

A student's numerical rank in class, as designated from highest to lowest, is determined at the end of the second semester for freshmen and sophomores. Junior class rankings are determined at the end of the first and second semester, while final rankings for seniors are determined at the end the first semester of their senior year.

In addition to all College Credit Plus courses, the following list of CHS classes will carry a weight of 5 points towards GPA (A=5, B=4, ...):

- |                         |                                      |
|-------------------------|--------------------------------------|
| -Anatomy and Physiology | -All Advanced Placement (AP) classes |
| -Spanish 4              | -German 4                            |
| -Pre-Calculus           | -All CCP classes                     |

All subjects are included in determining GPA except for courses in physical education, choir, band, or any other courses graded on a pass/fail basis.

## GRADUATING WITH HONORS FROM COSHOCTON HIGH SCHOOL

CHS recognizes students if they meet the State Diploma with Honors criteria and the specified GPA requirements. CHS no longer names a valedictorian and salutatorian. Students may also receive one of the following Honors designations:

Cum Laude: GPA of 3.5 – 3.7

Magna Cum Laude: GPA of 3.8 – 3.9

Summa Cum Laude: GPA of 4.0 or better

## GRADUATION REQUIREMENTS FROM COSHOCTON HIGH SCHOOL

A. This basic total credits required for graduation may not include:

1. More than one (1) credit in Health and Physical Education.
2. More than one (1) credit of Conditioning.
3. A total of twenty (20) credits is required for graduation. This total must include:

Requirements	Credits	Considerations
English/Lang. Arts	4	
Math	4	Must include 1 credit of Algebra II or its equivalent.
Science	3	Must include 1 credit of physical science, 1 credit of life sciences, and one additional credit of advanced study.
Social Studies	3	Must include ½ credit of American History and ½ credit of American Government. (Class of 2021 and beyond must also include ½ credit of World History.)
Physical Education	½	
Health	½	
Fine Art	1	
Electives	4	Must include any combination of foreign language, fine arts, business, career/technical, family and consumer sciences, technology, agriculture, or additional courses in the core course requirements.

B. There are **NEW** graduation requirements which take effect with the class of 2018 and beyond.

1. The new requirements did not change the current courses or number of credits that students must complete to be eligible for graduation.
2. In addition, students will earn points toward graduation on seven (7) end-of-course exams. These exams replace the OGT. Students will take end-of-course exams in English I and II, Algebra I, Geometry, Biology, American History and American Government. Students can earn 1-5 points for each exam based on their performance (5-Advanced, 4-Accelerated, 3-Proficient, 2-Basic, 1-Limited).
3. Students studying Advanced Placement (AP), International Baccalaureate (IB) or taking Dual Enrollment courses in Biology, American History or American Government may take assessments aligned to those courses instead of end-of-course exams to avoid double testing.
4. With few exceptions, students must accumulate a minimum of eighteen (18) points from scores on their end-of-course exams to become eligible for graduation. Students must have a minimum of four (4) points in both English and Math, along with at least six (6) points from Science and Social Studies.
5. Students who do not earn the required number of graduation points can still meet the requirements for a diploma if they earn a remediation-free score on a national college admission test. Students can also qualify for graduation by earning an approved industry-recognized credential and achieving a work-force readiness score on a related job skills assessment.
6. For additional information, go to the Ohio Department of Education web site at [www.education.ohio.gov](http://www.education.ohio.gov) and search "New Graduation Requirements".

## **NATIONAL HONOR SOCIETY ELIGIBILITY**

National Honor Society membership is based on scholarship, leadership, character and service. Only juniors and seniors are eligible for N.H.S. membership based on faculty approval.

1. Students must have at least a 3.5 GPA or better.
2. Students must meet the minimum graduation points needed for the state End of Course tests.
3. Students must have earned credit in a minimum of two (2) Honors level courses.
4. Students must have Faculty Council nomination.

## **PRIVATE PROFESSIONAL TUTORING**

Candidates must be enrolled as a full-time student at Coshocton High School to qualify for private tutoring for academic credit. Classes taken through tutoring must be within the time frame and scope and sequences. Students must meet all course prerequisites and parents are responsible for all fees charged by the tutor.

Tutors must be certified by the State Department of Education in the tutored subject area and approved by the high school principal or his designee. Tutors must present a teaching certificate when application is completed. Applications are available in the Principal's Office.

## **SCHEDULE PLANNING – COURSE SELECTION AND REGISTRATION**

### **Considerations before registration:**

1. Students should choose the most demanding course of study that is appropriate.
2. Required courses must be given priority over elective course.
3. Elective courses should be chosen after consideration of the student's interests, talents, and future career options.
4. Prerequisite courses and grade achievement prerequisites are noted in the course descriptions. These prerequisites have been established for the benefit of the student, so note them carefully.
5. If a student has failed and not received credit for a required course, that course must be repeated during summer school or during the next school year.
6. CHS strongly recommends that failed courses be repeated in summer school so that a student doesn't get behind in earning graduation requirements.

## **SCHEDULE PLANNING - DEFINITIONS**

**Unit of Credit** - The credit that students receive for successful completion of a class. Most subjects carry one unit of credit; however, the amount of credit varies with the type of course, the work and the time spent in class.

**Prerequisite** - A course or grade that is required for admission into higher-level course.

**Required Subject** - Those courses required for graduation by the State Department of Public Instruction and the local board of education.

**Semester** - The school year is divided into two parts called semesters. Several courses are offered for only one semester. Students receive ½ credit for a semester class.

## SCHEDULE PLANNING – POINTS TO CONSIDER

The minimum high school workload is seven full-time (one credit equivalent) academic subjects (includes physical education for the ninth grade). Students must pass five credits to be eligible for co-curricular activities.

### SUMMER SCHOOL

Courses are determined by expressed needs and the interest shown. Students should check with their school counselor for information on course offerings, due dates and fees.

### SUMMER SCHOOL, TUTORING, CORRESPONDENCE/ONLINE SCHOOL AND ADULT EDUCATION

Students seeking credit from sources other than the regular school program should consult their school counselor. Credit for certain subjects failed during the school year may be made up in summer school.

### STATE DIPLOMA WITH HONORS

Students meeting guidelines for the State Diploma with Honors must meet at least seven of the following eight criteria:

1. English – 4 credits  
Must include Honors English III and Honors English IV
2. Math – 4 credits, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content.
3. Science – 4 credits; including Chemistry and Physics (Class of 2020 and prior); **for Class of 2021 and beyond** – must include 2 credits of advanced science (Honors Chemistry and Honors Physics or course that contains equivalent or higher content)
4. Social Studies – 4 credits
5. Foreign Language – 3 credits (must include no less than 2 units for which credit is sought) i.e., 3 credits of one language or 2 credits each of two languages.
6. Fine Arts – 1 credit
7. Grade Point Average – 3.5 on a 4.0 scale
8. ACT/SAT (including scores from writing sections) – 27 ACT/1280 SAT.

### SUMMER STUDY PROGRAM

Recognition for student participation in summer study groups, tours, seminars, and related activities shall be noted on transcripts. Credit will not be given except in programs which meet Ohio Secondary School minimum standards in regard to clock hours of study and teacher certification. Information is available in the Guidance Office.

### TESTING PROGRAM IN COSHOCTON HIGH SCHOOL

The testing program has been established to help students better understand themselves and to assist teachers in understanding students' interests, abilities, and aptitudes. All tests included in this program will be accompanied by an interpretation to students and parents.

### **TESTING PROGRAM – OPTIONAL**

The tests in this group are voluntary, usually administered on Saturday with a pre-determined cost, and should be taken by those students planning on any type of higher education. Students should consult school counselors as to appropriate time and dates of the tests to be taken.

Students are responsible for registering or acquiring registration materials in the guidance office for these tests. There is a fee for each of these tests.

<u>Date</u>	<u>Name of Test</u>	<u>Grade Administered</u>
October	Preliminary Scholastic Aptitude /National Merit Scholarship Qualifying Test (PSAT/NMSQT)	11
September October December February April June July	American College Test (ACT) – Required for most colleges/universities in Ohio – Check with a counselor	Recommended 9-12
October November March June	Scholastic Aptitude Test (SAT) – Required for many out-of-state colleges/universities and some Ohio colleges/universities	Recommended 9-12

### **TESTING PROGRAM – REQUIRED**

The internal testing program is a group of tests given to all students, usually during the school day at no cost to the student.

<u>Date</u>	<u>Name of Test</u>	<u>Grade Administered</u>
January	Armed Services Vocational Aptitude Battery (ASVAB)	11
Feb/March	ACT	11
April/May	End of Year Assessment (AIR)	9, 10, 11, 12
May	Advanced Placement Exam (AP)	11, 12

## TESTING PROGRAM – COLLEGE ENTRANCE REQUIREMENTS

- A. The majority of colleges require the taking of one of the following tests and each college specifically states the particular test it requires.
  - 1. ACT
  - 2. SAT
    - a. SAT I
    - b. SAT II - Subject Tests – The need to take individual subject tests is determined by the college and the student’s requested major course of study.
- B. Colleges have set up the procedure for taking these tests so that the responsibility of registering and following through lies with the student.
  - 1. Your high school's responsibility in regard to ACT or SAT:
    - a. To provide registration information.
    - b. To advise students and answer questions about test procedures.
  - 2. The responsibility which lies with the student is:
    - a. To determine which test or tests are required by the colleges or scholarship programs. Please consult a counselor.
    - b. To note the schedule of the dates when the test is offered and to decide when and where to take the test.
    - c. To remember the deadline registration date for test date selected.
    - d. To submit the registration and fee online to testing company’s website before the deadline date noted. Many schools require official score results directly from ACT. This must be noted on your application.
    - e. To take the test on the date and at the place for which the student has registered bringing all designated materials as instructed.
- C. Coshocton High School serves as a testing center for ACT and SAT as a convenience to the students living in this area removing the necessity of traveling to another town to take the test. As a testing center the only role designated to the high school is to offer the building facilities and personnel for the administration of the test and to give the tests according to the prescribed procedure set down by ACT and SAT.
- D. College applications should be completed and submitted on-line. Students should be aware of college deadlines. Please allow for sufficient time to organize counselor recommendations.
- E. If financial assistance for college is desired, the required Free Application for Federal Student Aid (FAFSA) is available in the guidance office. These forms should be completed as soon after January 1 as possible and must include information from parents’ Internal Revenue Income Tax Form.

**COSHOCTON HIGH SCHOOL COURSE OFFERINGS**

<b><u>ART</u></b>	<b><u>FOREIGN LANGUAGE</u></b>
Introduction to Art	Mandarin Chinese IV
Visual Communications	American Sign Language I
Sculpture I	American Sign Language II
Sculpture II	German I
Studio Art	German II
Independent Study in Art	German III
	German IV
<b><u>BUSINESS</u></b>	Spanish I
Financial Accounting	Spanish II
Introduction to Business DE	Spanish III
PC Apps in Business DE	Spanish IV
Tomahawk Yearbook	
e-School Program ( <b>e-SP</b> )	
	<b><u>HEALTH AND PHYSICAL EDUCATION</u></b>
<b><u>ENGLISH</u></b>	Health
English I	P.E.
English II	Conditioning (Sem. or Yr.)
English III	
English IV	
Honors English I	<b><u>MATHEMATICS</u></b>
Honors English II	Algebra I
Honors English III	Algebra II
Honors English IV	Geometry
AP English III – Language and Composition	Honors Geometry
AP English IV – Literature and Composition	Honors Algebra II
Mass Communications	College Algebra
	Pre-Calculus
<b><u>FAMILY AND CONSUMER SCIENCES</u></b>	Pre-Calculus DE (Sem.)
Child Development	Calculus DE (Sem.)
Principles of Nutrition & Wellness	
Career & College Readiness	
Textile Design, Construction & Maintenance	

<b><u>MISCELLANEOUS</u></b>	<b><u>SOCIAL STUDIES</u></b>
Credit Flexibility	American History
Drivers Education	American Government
Independent Study	World History
Mentoring & Leadership Study	US Economics and Financial Literacy
	Honors American History
	Honors American Government
<b><u>MUSIC</u></b>	AP US Government and Politics
Band	History by the Movies I
Chamber Singers	History by the Movies II
Concert Choir	Honors Ancient Cultural Studies
Jazz Reservation	Human Behavior
Music Theory	WWII: European Front
Broadway Musicals	WWII: Pacific Front
Music Appreciation	Contemporary World Issues & Geography I
Fundamentals of Music	Contemporary World Issues & Geography II
<b><u>SCIENCE</u></b>	<b><u>TECHNOLOGY AND ENGINEERING</u></b>
Physical Science	Construction Technology
Biology	Introduction to Engineering-Engineering Systems
Chemistry	Manufacturing Technology
Environmental Science	Technological Design
Physics	Tech Prep CAD-Manufacturing Design & Develop.
Honors Physical Science	Computer Aided Design & Drawing
Honors Biology	
Honors Chemistry	
Honors Physics	<b><u>VOCATIONAL-WORK PROGRAMS</u></b>
Anatomy and Physiology	Career Based Intervention 1
Biology DE (Sem.)	Career Based Intervention 2
Forensic Science (Sem.) <b><i>NEW</i></b>	
Zoology (Sem.) <b><i>NEW</i></b>	

**NOTE:** Please refer to course descriptions for prerequisites to take each course offering.

<u>CCP COURSE</u>	<u>CREDIT HOURS</u>	<u>LOCATION</u>	<u>COLLEGE/UNIV.</u>
Calculus 200	5	CHS	Central Ohio Tech. College
Pre-Calculus 150	5	CHS	Central Ohio Tech. College
Biology 160	4	CHS	Central Ohio Tech. College
ASL	3	CHS/DL	Central Ohio Tech. College
Mandarin	3	CHS/DL	Lorain Comm. College
PC Applications in Business Sem. 1	3	CHS	Central Ohio Tech. College
Intro to Business Sem. 2	3	CHS	Central Ohio Tech. College

- 1) Contact your school counselor immediately if interested in the above courses for Dual Credit. These classes will take place at CHS and are subject to change.
- 2) Additional courses may be offered via Distance Learning (DL) during the school day and held in one of CHS' DL labs or in a regular classroom setting. See your counselor if interested.
  - a. Courses above may close due to class size.
  - b. Students are responsible for submitting DL work via a Learning Management System (LMS) such as Moodle or Blackboard.
- 3) Students follow the IHE's grading policy. CHS' grading practices do **NOT** apply for CCP courses.
- 4) ASL and Mandarin are yearlong courses. All other CCP classes above are semester classes. PC Apps will only be offered 1<sup>st</sup> semester, while Intro to Bus. will be offered 2<sup>nd</sup> semester the same period.



# ART

## INTRODUCTION TO ART

Grades: 9 -12

Formerly Art I, this introductory visual art course is designed to enhance the artistic, creative and expressive qualities of all students regardless of skill level as it enables students to understand that art is a universal language interconnected to other content areas and cultures. Through a variety of multi-media experiences, students will learn the basics about the elements of art and the principles of design as they produce creative art projects that focus on a variety of themes, concepts, art styles, periods of art history and cultural themes. Through individual and group interaction students will learn to express themselves with a variety of media and art processes as they gain a better understanding of the creative problem-solving process. Processes to be explored include drawing, painting, printmaking, collage and mixed-media. The goal of this course is for the student to gain an appreciation of the value of his/her own work, the work of others, and the importance of art in our world while learning problem solving skills that can be applied to any walk of life. There is a \$20.00 lab fee. This course satisfies the required performance art credit needed for graduation.

Prerequisites: None

2 semesters – 1 credit

Periods per week: 5

## VISUAL COMMUNICATIONS

Grades: 10-12

Artistic design is one of the most important and powerful visual communication tools human beings have. It can reach a mass audience in order to promote, protest, persuade, entertain, advertise, and evoke strong emotions. This intermediate-level design course will introduce students to the world of visual communication while building upon the skills and knowledge gained in previous art courses. The creative problem-solving process is utilized as students learn to visually communicate their opinions, thoughts, emotions, and ideas using a variety of art processes and media. Real world design practices will be discussed and applied to projects that are developed for specific audiences and clients. Social issues, contemporary artists and trends in visual design will be a focus as students work to solve visual problems in composition, character development, graphic design, fashion design, interior design, mural painting, typography, graffiti, cartooning, storytelling, public art and film/media arts. A Smart phone is suggested, but not required. There is a \$20.00 lab fee.

Prerequisites: "C" or higher in Art I or approval of Art instructor

Periods per week: 5

2 semesters – 1 credit

## SCULPTURE I

Grades: 10-12

This course is an intermediate-level visual art class that continues to build upon the skills and knowledge gained in previous art courses. The creative problem-solving process is explored through modeling, carving, assemblage, and carving as students learn to create in the third dimension. Every visual problem will focus on a selected media such as clay, wood, paper, paper mache, wire, cardboard, plaster, balsa foam, and mixed media. Problems will also revolve around a theme. Selected themes such as personal expression, heritage, emotions, artistic styles, art movements, primitive cultures and the elements of art will provide inspiration. The goal of this course is for the student to develop a strong sense of 3d space in their art while gaining experience and skill with a variety of tools using a variety of processes and media. There is a \$20.00 lab fee.

Prerequisites: "C" or higher in Art I or approval of Art instructor

Periods per week: 5

2 semesters – 1 credit

## SCULPTURE II

Grades: 11-12

Sculpture II is an upper-level visual art class that gives students the opportunity to further their study of three dimensional art and design through advanced exploration of sculptural processes, concepts and techniques. A greater focus is placed on personal exploration of media and topics as students work with familiar and new media and materials. In addition to the materials utilized in Sculpture I, students will work with found materials, tile, metals, and fabric. The processes of mosaic, casting, and mold making is introduced as well as new themes in conceptual, kinetic and public art works. The figure will be a major topic of study throughout the year as the class questions how the figure fits into the aesthetics of the Ancient Era and beyond. Additional activities include class discussions, readings, slide presentations, field trips and critiques. There is a \$20.00 lab fee.

Prerequisites: "C" or higher in Sculpture I or approval of Art instructor

Periods per week: 5

2 semesters – 1 credit

## STUDIO ART

Grades: 11, 12

This course is an upper-level visual art class that builds upon the skills learned in previous art courses. The creative process is explored through in-depth studies in the studio processes of drawing, painting and printmaking while utilizing media such as graphite, charcoal, pastel, colored pencil, ink, watercolor, acrylic paint, oil paint and mixed media. Art work will range from representational to abstract as students work with a variety of topics, themes, and concepts including direct observation, fantasy, portraiture, figure drawing, still life, landscape, and nonobjective. A familiarity with the styles and philosophies of other artists will develop as the artistic voice of the student emerges. The goal of this course is for the student to develop a strong sense of artistic identity while gaining expertise with drawing, painting and printmaking media. There is a \$20.00 lab fee.

Prerequisites: "C" in Visual Communications, Sculpture I, or approval of Art instructor

Periods per week: 5

2 semesters – 1 credit

INDEPENDENT STUDY IN ART

Grades: 11, 12

Designed for the self-motivated student with a strong interest in art, this upper-level course is offered to junior and seniors who have taken at least two previous art classes, are closed out of an art class due to scheduling conflicts, or may be planning a career in art and want extra studio time. The independent nature of the class gives students a strong voice in the direction their art should take. The class is teacher guided for the first semester, which means that students will follow an itinerary that lists open-ended projects, processes and due dates. Teacher assistance or guidance will be available as needed, but instructed learning will be limited. During the second semester, students will have complete control over their learning through the completion of a series of self-determined projects. The student is expected to provide the instructor with a written statement of intent, describing the aspect of art to be pursued. The instructor and student will then determine the desired outcome for assessment purposes. Students are expected to present, in writing, an assessment of their progress and the result of their investigation. Reference to pertinent examples from art history should be part of the student’s self-assessment. There is a \$20.00 lab fee.

Prerequisites: Art instructor approval

Periods per week: 5

2 semesters – 1 credit



# BUSINESS

## FINANCIAL ACCOUNTING

Grades: 10-12

Are you interested in a career in business? Do you plan on majoring in business or accounting in college? This year-long course will introduce the student to basic financial accounting principles including journalizing transactions, adjusting accounts and preparing financial statements. At the completion of the course, students will have an understanding of the accounting cycle and will be ready for the first financial accounting course at the college level.

Prerequisites: "B" or higher in Algebra or Geometry

Periods per week: 5

2 semesters – 1 credit

## INTRODUCTION TO BUSINESS DE

Grades: 9-12

This introductory course explains the principles, terminology, and concepts necessary for interpreting business. Activities and presentations are provided to the student that will allow him or her to identify business environments, business ownership, ethical issues, global business awareness, organizational structures, management and marketing principles, technology information and financial implications in society. Upon completion of the course, the student will have a better understanding of the various elements of the business process, with this assisting in both the student's personal and professional life.

Students enrolled in Intro to Bus. DE are eligible to apply for Dual Enrollment credit. If eligible, students can earn one unit of high school credit and 3 credit hours through COTC. This is an Ohio Transfer Module course, or OTM course, which means these credits are guaranteed to transfer as a general education credit.

Prerequisites: None

Periods per week: 5

1 semester - 3 credit hours

## PC APPLICATIONS IN BUSINESS DE

Grades: 9-12

Basic computer and keyboarding skills strongly recommended. Course is graded A-F. This course is designed to give the student standardized, progressive, detailed, hands-on instruction and application in the most popular personal computer software applications used today by business and industry. The student will demonstrate the ability to integrate word processing, spreadsheet, database and presentation design and development through projects and exercises. Current topics that have an impact on information systems, such as cyber security, will be addressed, as well as how to choose the best electronic mail option available. The course combines demonstration and self-paced instruction along with team projects and exercises.

Students enrolled in PC Apps DE are eligible to apply for Dual Enrollment credit. If eligible, students can earn one unit of high school credit and 3 credit hours through COTC. This is a Transferred Assurance Guaranteed course, or TAG course, which means these credits must be accepted by any state or public university in Ohio.

Prerequisites: None

Periods per week: 5

1 semester - 3 credit hours

## TOMAHAWK YEARBOOK CLASS

This class that will use the computer and photo editing software to create the school's yearbook. Basic computer skills along with the Digital Imaging class are suggested as prerequisites. Attendance at some athletic events and student activities may be necessary. An application will be given to all interested students.

Prerequisites: Application

Periods per Week: 5

2 semesters – Pass/Fail – 1 credit

## e-SCHOOL PROGRAM (e-SP)

Grades: 10-12

For those students who qualify, Coshocton High School will be offering personalized options in order to receive high school credit towards graduation. The e-School Program (e-SP) will offer blended or hybrid schedules in order to meet the needs of each student. Coursework will be completed on-line using the Plato program. Enrollment into e-SP will be determined by the following set of criteria:

- 1) Be in good standing with the office.
- 2) Demonstrate level of need.
- 3) Complete on On-line Readiness Assessment.

Interested students will need to schedule a conference with their school counselor and the building principal in order to be admitted into e-SP. Coshocton City Schools' attendance and grading policies will apply, as will the policy that determines athletic eligibility. Students who do not adhere to the policies and guidelines set forth or who fail to make adequate progress on their coursework may be removed from the program.

The program consists of multiple personalized learning pathways described below. They are:

### **1) Comprehensive Pathway**

-Students selecting this pathway will still take on a normal class load at CHS. Enrolling in additional coursework through e-SP will allow them to take classes that may not fit in their schedule or if a student wishes to pursue Early Graduation.

### **2) Recovery Pathway**

-Students using this option must demonstrate an area of need through credit deficiency. Students who demonstrate the need will still enroll in courses at CHS but will also spend time in the Lab to earn lost credit.

### **3) Hybrid Pathway**

-Students on this path may be required to take specific classes at CHS which address a skill deficiency or classes which provide special services.

### **4) Essential Pathway**

-This pathway is for students who are on extended leaves of absences due to medical or other reasons.

-Students are still required to participate in the state's mandated testing program.

-Students identified with a disability must follow the Hybrid Pathway in order to receive services as set forth in their Individualized Education Plan (IEP).

-Students must demonstrate adequate progress and login daily to complete coursework. Schedule changes or removal from e-SP may occur for those who fail to meet and/or follow the guidelines and policies listed above.

-Students who finish coursework earlier than the prescribed time may choose to complete additional coursework. This will be a shared decision between the student, parent, e-SP Instructor, school counselor, and the building principal.

# ENGLISH

The overall objective of our English courses is to teach the communication skills of reading, listening/visual, writing, and oral communication. We realize the individual needs of our students after high school will be different; therefore, we attempt to provide each student with the necessary communication skills for individual success.

Honors – Designed for students attending college.

English – Designed for students entering the job force or attending technical schools.

Department policy requires one long-term supplemental reading assignment per nine weeks for each English course regardless of course level. At the teacher's discretion, acceptable completion of projects may also be mandatory.

## HONORS ENGLISH I

Elective: Grade 9

This course emphasizes the language skills of composition techniques, oral communication, and reading. Common reading material is on an advanced level and includes at least one Shakespearean play. Writing skills are stressed.

Prerequisites: Very high achievement level in 8<sup>th</sup> grade English/Language Arts.

Periods per week: 5

2 semesters – 1 credit

## HONORS ENGLISH II

Elective: Grade 10

Honors English II provides a more challenging curriculum for academically advanced students who are self-directed and reflective learners. Students will build on their literature, nonfiction, composition, grammar, vocabulary and research skills. Reading and writing units focus on critical thinking and literary analysis in addition to reading comprehension, literary techniques, and literary elements. Students will refine their composition skills through the study of usage, mechanics, and documentation.

Prerequisites: An average grade of C or better in Honors English I or an average grade of B or better in English I.

Periods per week: 5

2 semesters – 1 credit

## HONORS ENGLISH III

Elective: Grade 11

This course is an elective designed to prepare students for literary interpretation and essay writing at the college level. Independent reading and writing is a substantial part of this class. A selection of fiction, poetry, and informative readings will be required. An opinion-supported research paper is also required. This course will prepare students for Honors English IV.

Prerequisites: An average grade of C or better in Honors English II or an average grade of B or better English I and II.

\*Honors English III students may also take AP English III.

Periods per week: 5

2 semesters – 1 credit

AP ENGLISH III – LANGUAGE AND COMPOSITION

Elective: Grade 11

This course is an advanced study of the English language. Students will analyze the writing styles of different authors in a variety of genres, emphasizing non-fiction, with a focus on rhetorical devices, purpose, and audience. Furthermore, students will demonstrate their own command of the English language through extensive writing assignments, which will include journals, essays, research papers, and written responses, among other writings. This class also focuses on proper incorporation and documentation of sources in a research paper.

All AP students are required to take the AP exam.

Prerequisites: B or better in Honors English I and II, plus teacher recommendation.

Periods per week: 5

2 semesters – 1 credit

A = 5.0

HONORS ENGLISH IV

Elective: Grade 12

The purpose of this elective is to provide the college preparatory student with a comprehensive background in writing and world literature. A minimum of four novels will be read in class with outside reading also required. With colleges becoming more concerned about the incoming freshman's writing skills and critical reading skills, this elective is a necessity for any student considering college. A research paper is required.

Prerequisite: An average grade of a “C” or better in Honors English III.

\*Honors English IV students may also take either Honors English II or AP English III.

Periods per week: 5

2 semesters – 1 credit

AP ENGLISH IV – LITERATURE AND COMPOSITION

Elective: Grade 12

This course is an intensive study of fiction with an emphasis on selected imaginative writings. Students will explore literature’s artistry, social and historical value through discussion, research, formal and informal writing. Students will increase their ability to critically analyze literature through expository and argumentative essays using precise and effective language. Class size is limited.

All AP students are required to take the AP exam.

Prerequisites: B or better in Honors English I, II, III and/or AP English III, plus teacher recommendation.

Periods per week: 5

2 semesters – 1 credit

A = 5.0

## ENGLISH I

Elective: Grade 9

The course includes a study of language skills, vocabulary, discussion skills, writing, and general literature. Writing and reading are emphasized. The study of literature involves the basic skills necessary to read intelligently.

Prerequisites: None

Periods per week: 5

2 semesters – 1 credit

## ENGLISH II

Elective: Grade 10

This course is designed to encourage students to read books and periodicals and to acquire an appreciation of American literature. It also stresses the skills required for understanding, writing and speaking the language. Fundamental Sentence structure, paragraph development, and an introduction to essay writing are stressed. A research paper is required. Two novels are included in common reading by the class.

Prerequisites: English I

Periods per week: 5

2 semesters – 1 credit

## ENGLISH III

Elective: Grade 11

The purpose of this course is to advance students' skills in essay writing and the interpretation of literature. Students will also practice vocabulary and grammar skills. A research paper is required. Readings will include a selection of fiction, poetry, and informative writings.

Prerequisites: English II

Periods per week: 5

2 semesters – 1 credit

## ENGLISH IV

Elective: Grade 12

This course is a review of basic language skills with an emphasis on practical writing, reading, and speaking skills. The completion of a research paper is required to pass the course.

Prerequisites: English III

Periods per week: 5

2 semesters – 1 credit

MASS COMMUNICATIONS

Elective: Grade 11-12

This hybrid course is exploratory in nature and is intended to introduce the fields of journalism and speech. Students should have a sound knowledge of grammar and sentence structure. Students will study all aspects of publication including sales, ads, layout, ethics and responsibilities and the writing of news, sports, features, entertainment and editorials. The main project of the class will be the publication of *The Red and Black* (school newspaper). Student participation in *The Red and Black* is required. Students will also study non-verbal and verbal communication, group discussion, effective listening, debate, oral interpretation, drama, and parliamentary procedure.

Prerequisite: Junior status or teacher approval.

Periods per week: 5

2 semesters - 1 credit



# FAMILY AND CONSUMER SCIENCES

## PRINCIPLES OF NUTRITION & WELLNESS

Elective: Grades 9-12

In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle.

\*FEE REQUIRED - 20.00

Prerequisites: None

Periods per week: 5

2 semesters – 1 credit

## CHILD DEVELOPMENT

Elective: Grades 9-12

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.

\*FEE REQUIRED - 10.00

Prerequisites: None

Periods per week: 5

2 semesters – 1 credit

## CAREER & COLLEGE READINESS

Elective: Grades 9-12

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in job shadowing. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship.

\*FEE REQUIRED - 5.00

Prerequisites: None

Periods per week: 5

2 semesters – 1 credit

## TEXTILE DESIGN, CONSTRUCTION & MAINTENANCE

Elective: Grades 9-12

In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products, including home interior accessories and garments.

\*FEE REQUIRED - \$20.00; Students will also be required to purchase some supplies that are not covered in this course fee.

Prerequisites: None

Periods per week: 5

2 semesters – 1 credit

# FOREIGN LANGUAGE

## AMERICAN SIGN LANGUAGE I

Elective: Grades 9-12

This is a beginning course in sign language. The course introduces American Sign Language and emphasizes exposure to ASL. The key principles of signing are covered and students learn approximately thirty new signs each week. The class is progressive and builds upon previously learned material each day. Students will exchange information in the target language through signing. The course will include written activities to reinforce specific signs and visual skills. Understanding in other disciplines will be reinforced through the language. This course will be taught via video conferencing supplemented by daily taped recordings of each class period which archive the instructional process. Three hours of college credit (TAG) will be awarded after meeting course requirements.

Prerequisites: None

Periods per week: 5

2 semesters – 3 credits

## AMERICAN SIGN LANGUAGE II

Elective: Grades 10-12

This course is a continuation of ASL I. It is a further study and application of sign language. This course develops a deeper knowledge of ASL grammar and the Deaf culture. Students will demonstrate an understanding of their own cultures as compared to that studied and recognize distinctive viewpoints from both cultures. Students will provide cultural instruction and/or entertainment within and outside the school system. This course will be taught via video conferencing supplemented by daily taped recordings of each class period which archive the instructional process. NOTE: Students will be expected to attend at least one approved scheduled event for observation of sign language in use outside of school hours and report back to the class in both written and signed forms. Three hours of college credit (TAG) will be awarded after meeting course requirements.

Prerequisites: Final grade of C or higher in ASL I.

Periods per week: 5

2 semesters – 3 credits

## MANDARIN CHINESE IV

Elective: Grade 12

This class continues to build on the skills acquired in Mandarin Chinese III. Students will be introduced to more complex sentence structures and expand on vocabulary and expressions appropriate to different situations. Students will be able to speak Mandarin with improved accuracy and be able to understand and sustain simple conversations on a variety of topics. Additional Chinese culture will be presented. This course will be taught via video conferencing from Metro High School in Columbus in partnership with the MVESC. Three hours of college credit (TAG) will be awarded after meeting course requirements.

Prerequisites: Final grade of C or higher in Chinese III.

Periods per week: 5

2 semesters – 3 credits

A = 5.0

## GERMAN I

Elective: Grades 9-12

The aim of the entire German sequence, beginning with German I, is to make the learner communicative in German. The approach is acquisition-based rather than learning-based. As the first step, German I employs a physical response method to develop and assess comprehension. This method is followed by an oral / auditory presentation, which then leads to the inclusion of reading / visual processing.

This method seeks to emulate natural language acquisition as much as is possible in a classroom setting. By the end of the first level, the method will include storytelling, songs and films.

Prerequisites: This method requires the learner to be present. The course is not recommended for students who are frequently absent.

Periods per week: 5

2 semesters – 1 credit

## GERMAN II

Elective: Grades 10-12

German II seeks to continue the acquisition approach of German I, but moves into more complex language structures. The oral / auditory component is the primary element, along with written stories, songs and films.

Prerequisites: B average in German I. Again, attendance is critical. People who are frequently absent will have minimal chance of success.

Periods per week: 5

2 semesters - 1 credit

## GERMAN III

Elective: Grades 11-12

The course builds upon the base of the first two courses, but with more attention to grammar and more literary reading. Popular music and film continue to be a basic component of the course.

Note: During the second semester, students will take the CAAP test. CAAP test is administered by The Ohio State University to assess proficiency.

Prerequisites: B average in German II.

Periods per week: 5

2 semesters – 1 credit

## GERMAN IV

Elective: Grade 12

This is a film-based course. Learners will view, interpret and discuss German-language films and videos.

Prerequisites: B average in German III.

Periods per week: 5

2 semesters - 1 credit

A = 5.0

## SPANISH I

Elective: Grades 9-12

First year Spanish is offered for beginning students. Spanish as a means of communication is stressed, both oral and written. The aim is to develop skills in using the language together with the attainment of certain knowledge of the culture and civilization of the countries where Spanish is spoken. Supplementary materials are used in addition to the textbook.

Prerequisites: Only students with an average grade of B or better in English should attempt this course.

Periods per week: 5

2 semesters - 1 credit

## SPANISH II

Elective: Grades 10-12

As a continuation of first year Spanish, the second year emphasizes communicating in the present and the past. In addition, the basic principles of grammar are stressed during the study and reading of materials in the textbook.

Supplementary aids similar to those used in first- year Spanish are used. The reading matter stresses the culture and civilization of Spain and Mexico, including holidays, hobbies, school schedules and daily routines.

Prerequisites: Average grade of B or better in Spanish I.

Periods per week: 5

2 semesters - 1 credit

## SPANISH III

Elective: Grades 11-12

Students in the third year of Spanish will increase their proficiency in comprehension and conversation through extended class discussions in the language, by reading from the text and other selected materials, by writing, and by listening to recorded native speakers. The reading matter will be varied, but, as in the first and second year courses, it will apply very closely to the students' daily living routines. We continue to learn new vocabulary, tenses, and grammatical structures throughout the third year.

Prerequisites: Average grade of B or better in Spanish II.

Periods per week: 5

2 semesters - 1 credit

## SPANISH IV

Elective: Grade 12

Fourth year Spanish further develops the fundamental skills in language usage and places emphasis on reading comprehension to provide opportunity for self-expression in speaking and writing. The reading materials are writings of representative authors of Spain in Spanish America which reflects aspects of the culture and thinking of Hispanic peoples. We take everything we have learned in the previous three years and use it as we tell our classmates about ourselves and family members at the beginning of the year, read through Don Quixote, learn about Spain's geography, history and culture, write children's stories, and more.

Prerequisites: Average grade of B or better in Spanish III.

Periods per week: 5

2 semesters - 1 credit

A = 5.0

# MATHEMATICS

Notice: During the first 4.5 weeks of the 1<sup>st</sup> 9 Weeks, each student's progress may be reviewed by the Math department, school counselors and the building principal. In an effort to provide rewarding and successful experiences in mathematics, students may be reassigned during this time to ensure proper placement.

## ALGEBRA I

Elective: Grade 9

This is a complete program for the student in the first year of formal algebra. The course content will be in accordance with the Ohio Common Core Standards for Algebra I. The course will include: Unit 1 - Relationships between Quantities and Reasoning with Equations, Unit 2- Linear and Exponential Relationships, Unit 3-Descriptive Statistics, Unit 4-Expressions and Equations, and Unit 5-Quadratic Functions and Modeling.

A scientific calculator is required for every student.

Prerequisites: None

Periods per week: 5

2 semesters – 1 credit

## ALGEBRA I LAB

Elective: Grade 9

Algebra Lab is a course intended for students who need extra support in dealing with the rigor of an Algebra 1 class and as such will include a lab. A teacher/guidance department recommendation is required for admittance into the course.

Prerequisites: None

Periods per week: 5

2 semesters – 0.5 credit

## ALGEBRA II

Elective: Grades 10-12

Algebra II meets the requirements for the Ohio Common Core standards for a third year course. Topics include: Unit 1 - Quadratic Functions (including complex numbers), Unit 2 - Polynomial Functions (including complex numbers), Unit 3 - Rational Functions Unit 4 – Exponential and Logarithmic Functions, Unit 5 - Sequences and series with applications in counting principles as well as basic probability, Unit 6- Conic Sections, Unit 7 - Trigonometry including the unit circle.

A graphing calculator is required. (The TI-83 or TI-84 is recommended.)

Prerequisites: Passing grade in Geometry and Algebra I

Periods per week: 5

2 semesters - 1 credit

## HONORS ALGEBRA II

Elective: Grades 10-12

Honors Algebra II meets the requirements for the Ohio Common Core standards for a third year course. Topics include: Unit 1 - Quadratic Functions (including complex numbers), Unit 2 - Polynomial Functions (including complex numbers), Unit 3 - Rational Functions Unit 4 – Exponential and Logarithmic Functions, Unit 5 - Sequences and series with applications in counting principles as well as basic probability, Unit 6- Conic Sections, Unit 7 - Trigonometry including the unit circle.

Honors Algebra II has the increased rigor of a college level course. Students will be expected to move at a quicker pace and delve into topics at a much deeper level than in the algebra II course.

A graphing calculator is required. (The TI-83 or TI-84 is recommended.)

Prerequisites: Passing grade in Geometry and Algebra I and teacher recommendation

Periods per week: 5

2 semesters – 1 credit

## ALGEBRA II LAB

Elective: Grades 10-12

Algebra II Lab is a course intended for students who need extra support in dealing with the rigor of an Algebra II class and as such will include a lab. A teacher/guidance department recommendation is required for admittance into the course.

Prerequisites: Passing grade in Geometry and Algebra I

A graphing calculator is required. (The TI-83 or TI-84 is recommended.)

Periods per week: 5

2 semesters - 0.5 credit

## CALCULUS DE

Elective: Grade 12

Concepts of limits of functions are covered including continuity of functions. The definition of the derivative as well as rules for differentiation develop the ability to find the derivatives of functions, including polynomial, rational, algebraic, trigonometric, inverse trigonometric, exponential, logarithmic, hyperbolic and inverse hyperbolic functions. Derivatives are used in curve sketching as well as in solving applied problems. The Mean Value Theorem and Newton's Method for optimization are covered. Definite and indefinite integrals, the Fundamental Theorem of Calculus, the substitution method and area between curves are discussed.

Students enrolled in College Algebra DE are eligible to apply for Dual Enrollment credit. If eligible, students can earn one unit of high school credit and 5 credit hours through COTC. This is an Ohio Transfer Module course, or OTM course, which means these credits are guaranteed to transfer as a general education credit.

Prerequisites: C or better in Pre-Calculus 150 DE or pass placement test or 22 or higher on Math ACT.

Periods per week: 10

1 semester – 5 credit hours

## COLLEGE ALGEBRA

Elective: Grades 11-12

This is a complete program for the student in the fourth year of mathematics. The course content will be in accordance with the Ohio Common Core Standards. This course is a review and expansion of concepts introduced in Algebra I, Algebra II and Geometry. This course will include: Unit 1 – Polynomials, Factoring, and Radicals, Unit 2 – Trigonometry, Unit 3 – Functions, Unit 4 – Matrices, Unit 5 – Vectors, Unit 6 – Complex Numbers

A Graphing Calculator is required for every student. (The TI – 84 is recommended.)

Prerequisite: Algebra II

Periods per week: 5

2 semesters – 1 credit

## GEOMETRY

Required: Grade 10

This is a complete course for the student in the second year of mathematics. The course content follows Ohio's New Learning Standards. This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations, right triangle trigonometry and coordinate geometry. Inductive and deductive thinking skills are used in problem solving situations and applications to the real world. In this course students will also write proofs to solve (prove) properties of geometric figures.

A scientific calculator is required by every student.

Prerequisite: Must have a passing grade in Algebra I

Periods per week: 5

2 Semesters – 1 credit

## HONORS GEOMETRY

Elective: Grades 9 or 10

This is a complete course for the student in the second year of mathematics. The course content follows Ohio's New Learning Standards. This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations, right triangle trigonometry and coordinate geometry. Inductive and deductive thinking skills are used in problem solving situations and applications to the real world. In this course students will also write proofs to solve (prove) properties of geometric figures. This course will cover topics in a more in-depth fashion than general geometry and will include more rigorous evaluations of the material.

A scientific calculator is required by every student.

Prerequisite: Must have a passing grade in Algebra I and teacher recommendation

Periods per week: 5

2 Semesters – 1 credit

## GEOMETRY LAB

Elective: Grades 10-11

Geometry -i is a course intended for students who need extra support in dealing with the rigor of a Geometry class and as such will include a lab. A teacher/guidance department recommendation is required for admittance into the course.

Prerequisites: Passing grade in Algebra I.

Periods per week: 5

2 semesters – 0.5 credit

## PRE-CALCULUS

Elective: Grades 11-12

Pre-Calculus is a course, which presents a complete line of pre-calculus topics. It is intended for students who have completed two years of high school algebra and one year of geometry. The course is geared toward the above average student who would like to prepare for college mathematics and review for college entrance examinations. The content includes Unit 1 - Polynomials and mathematical analysis, Unit 2 - laws of exponents, and laws of logarithms Unit 3 - trigonometry, analytical geometry, Unit 4 – counting principles, numeracy, and probability Unit 5 – Matrices, Unit 6 – Conic Sections. Also presented will be an introduction into the concepts of limits, and derivatives.

A graphic calculator will be required and provided by the student. (The TI-84 plus is recommended.)

Prerequisites: An average of C or better in Honors Algebra II, or an average of A in Algebra II.

Periods per week: 5

2 semesters - 1 credit

A = 5.0

## PRE-CALCULUS DE

Elective: Grades 11-12

This course is a study of algebraic functions, trigonometry, vectors, conic sections, sequences and series. The course will include the study of polynomial, rational, radical, exponential, logarithmic and piece-wise defined functions, and the trigonometric functions and their graphs. Topics investigated will include domain, range, graphs, inverses, operations, equations, inequalities and their applications.

Students enrolled in Pre-Calculus DE are eligible to apply for Dual Enrollment credit. If eligible, students can earn one unit of high school credit and 5 credit hours through COTC. This is an Ohio Transfer Module course, or OTM course, which means these credits are guaranteed to transfer as a general education credit.

Prerequisites: C or better in Algebra II and pass placement test or 22 or higher on Math ACT.

Periods per week: 10

1 semester - 5 credit hours

# MUSIC

## MUSIC APPRECIATION

Elective: Grades 9-12

Music Appreciation is a general music class focused on the use and value of music in people's lives. It encourages students to view music in a social context rather than as abstract information to be learned for its own sake. It presents music as a natural and essential ingredient of one's own life and of human life in all cultures. This class is open to all students, not just those who sing in the chorus or play in the band.

Prerequisites: Instructor Approval

Periods per week: 5

2 semesters – 1 credit

## BAND

Elective: Grades 9-12

This course is for students interested in both Concert and Marching Band. The Marching Band plays at all football games, marches at parades and performs at other functions. Attendance at a Band Camp, required in late August, will be necessary in order for the student to perform during the marching season. The Concert Band will perform at various times throughout the school year. Groups such as Jazz Reservation and Pep Band will be selected from the Band.

\*The Marching Band performs at approximately four (4) band competitions on Saturday's in September and October.

Prerequisites: Ability to play an instrument to the quality desired by the director.

Periods per week: 5

2 semesters - 1 credit

## CHAMBER SINGERS

Elective: Grades 9-12

Members of this singing ensemble perform a variety of vocal music genre of a more challenging level than the vocal music literature studied in concert choir. The Chamber Singers Ensemble performs throughout the year, which includes Fall, Winter, and Spring choral performances. All chamber choir students are engaged in vocal music solo studies and classical ensemble studies, which culminates with Ohio Music Education Association competitions and/or recitals. In addition, show choir studies are required which culminates with an end of the year choral showcase. Select grouping and performances are decided through an audition process.

Prerequisites: Audition, interview and parent conference required.

Periods per week: 5

2 semesters - 1 credit

## CONCERT CHOIR

Elective: Grades 9-12

This singing class is offered for the beginning to developing singer who desires to perform with a singing ensemble. Each member of the ensemble will learn the basics and/or continue to develop their skills in choral singing and performance. Opportunities to perform throughout the year are scheduled at the discretion of the director.

Prerequisites: Instructor Approval

Periods per week: 5

2 semesters - 1 credit

## JAZZ RESERVATION

Elective: Grades 9-12

The course is for those students who wish to pursue the idiom of Jazz music. Students who take this course will be expected to learn basic jazz harmonies and to begin to develop a basic working knowledge of simple improvisation. The ensemble will perform on regularly scheduled concerts and other outside events.

Prerequisites: Audition required, instrumentalists must be members of the band.

Periods per week: 5

2 semesters - 1 credit

## MUSIC THEORY

Elective: Grades 10-12

This course teaches the fundamentals of reading and writing music. It starts with a review of music fundamentals taught in elementary school and proceeds through advanced studies in music notation, rhythm, chords, and chord progressions. Students will complete compositions projects throughout the course.

Prerequisites: Band, Choir, or private instrumental study (piano) or successful completion of Honors English 9 with a desire to learn music composition.

Periods per week: 5

2 semesters - 1 credit

## BROADWAY MUSICALS

Elective: Grades 9-12

Students will learn how Broadway Musicals are produced through the history and creation of the musical, the vocal audition and casting process, rehearsal scheduling and time tables, choreography and dance, make-up and costuming, lighting and sound tech, set design and construction, budgeting, and marketing. This is a highly interactive and creative class, which requires the student to choose one independent or group project per semester. This class is offered in partial fulfillment for the State of Ohio Arts graduation credit.

Prerequisites: Willing to invest time outside of class on 2 projects.

Periods per week: 5

2 semesters – 1 credit

FUNDAMENTALS OF MUSIC

Elective: Grades 9-12

Designed as an interactive and hands on class to teach and learn the basics of music performance and composition through rhythmic and melodic play. This class is offered in partial fulfillment for the State of Ohio Arts graduation credit.

Prerequisites: Willing to invest time outside of class on research.

Periods per week: 5

2 semesters – 1 credit



# PHYSICAL EDUCATION

## ADVANCED CONDITIONING AND WEIGHT LIFTING

Elective: Grades 9-12

This elective is for a high school athlete who is self-motivated to enhance their athletic skills. The student will use advanced conditioning and weight lifting techniques to improve athletic skills such as strength, agility, explosive power, and speed. Students will be assigned individualized programs. Students not eligible, not progressing, or not making positive contribution will be assigned written work and study hall to complete the class. All students involved are expected to be members of a Coshocton High School athletic sports team. Seniors will be permitted to take this class first semester.

Prerequisites: Written Instructor Approval

Periods per week: 5

1 semester - ½ credit

2 semesters – 1 credit

The grade obtained in this class will be Pass/Fail.

## HEALTH

Required: Grade 9, 10

This is a wellness approach for developing an understanding of good physical, mental, and social health. This is done through the study of basic emotional needs, study of responsible decision making, knowing refusal skills, a look at different systems of the human body, basic elements of nutrition and dietary guidelines, substance abuse education, prevention of disease, and safety education. Students will have the opportunity to receive certification in C.P.R. and first aid.

Prerequisites: None

Periods per week: 5

1 semester – ½ credit

## PHYSICAL EDUCATION

Required: Grade 9

To graduate from high school, a student is required to have a minimum of .5 credit in physical education. At Coshocton High School, .5 credit is given for completing eight units of instruction (activities) or 120 clock hours of activity. All units will be completed during the freshman year.

Prerequisites: None

### The ½ Credit

If upon scheduling their units, students fail to successfully complete any particular unit(s), their grade will be considered "incomplete". At this time (or at the earliest convenient time) students would re-schedule the remainder of their units(s) to make up for the unsuccessful one(s).

There will be exceptions on occasion. Not successfully completing several units; move-ins and transfer students; scheduling complication; and illnesses may all necessitate completion of the physical education credits in the sophomore, junior or senior year.

## The Unit Credit

Individual unit requirements will vary slightly due to the range of activities.

## SPORTS OFFERINGS AND DESCRIPTIONS

### Activity

#### Badminton

Advanced and beginning levels in the skills of competitive singles and doubles badminton. No dress requirement.

#### Basketball

Development of basketball skills. Competitive situations from one-on-one to five player games.

#### Flag Football

Basic football play, skills and rules.

#### Pods

Walking, jogging, and development of an individual program. No dress requirement.

#### Soccer (Indoor)

Development of basic soccer skills with competitive game situations.

#### Whiffle Ball

Development of skills and teaching rules of slow pitch softball.

#### Table Tennis

Practice and play in skills of table tennis; use of competitive rules of the singles and doubles games. No dress requirement.

#### Tennis

Teaching the basic skills, rules of the game, singles and doubles play.

#### Volleyball

Learning of rules and skills of competitive volleyball.

## PE WAIVER POLICY

Students who participate in interscholastic athletics, marching band, or cheerleading for two full seasons may be exempt from the physical education requirement. Students who successfully complete all portions of the adopted waiver policy are not required to complete any component of physical education.

### **DOCUMENTATION MUST BE COMPLETED BY THE STUDENT TO RECEIVE THIS WAIVER.**

PE Waiver Procedures:

1. Students must request the **PE Waiver Form** from the Guidance Office.
2. List two activities successfully completed that qualify for the waiver.
3. Obtain a signature for each activity from the advisor, director, or Athletic Director.
4. Return the completed form to the Guidance Office as soon as it is complete. The waiver is not granted to the student until this form has been approved and is on file in the Guidance Office.
5. Requirements for the waiver should be met by the end of the student's junior year unless specific permission from the Principal is documented and on file in the Guidance Office.
6. Students must take other elective courses instead of a physical education course, which will count toward the 20 credit requirement for graduation. (The PE Waiver only eliminates the requirement for physical education, it does not exempt the student from needing that ½ credit towards graduation.)



# SCIENCE

## ANATOMY AND PHYSIOLOGY

Elective: Grades 11-12

This course meets the needs and interest of students who desire an understanding of human anatomy and physiology as preparation for the scientific and medical fields. The course is taught at a level comparable to the advanced courses in physics and chemistry. Approximately one-fourth of class time is spent in lab. An emphasis will be on human body structures, how they work and associated diseases. \$20 class fee

Prerequisites: Honors Biology; minimum C average in Honors Biology.

Periods per week: 5

2 semesters - 1 credit

A = 5.0

## ANATOMY AND PHYSIOLOGY

Elective: Grades 11-12

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Prerequisites: Honors Biology; minimum C average in Honors Biology; Chemistry with a minimum of C average.

Periods per week: 5

2 semesters - 4 credits

A = 5.0

## HONORS BIOLOGY

Elective: Grades 10-12

College Preparatory Biology is designed for the student who will be taking further science courses and especially those taking Anatomy and Physiology and preparing for related fields of study. The course concentrates on all major biological concepts and their relationship to one another. This is accomplished through readings, lectures and a great deal of lab work. The lab work consists of proper lab procedures using the writing of detailed reports as a follow-up using the scientific method. Participation is expected. Only those students with good study, reading and writing ability should choose this course. All students are required to take the EOC (end of year course exam). Therefore, material is presented that will correspond to the objectives presented in the EOC exam. \$10 class fee

Prerequisites: An average grade of C or better in Honors Physical Science or permission.

Periods per week: 5

2 semesters - 1 credit

## HONORS CHEMISTRY

Elective: Grades 10-12

The accelerated beginning chemistry course is designed to introduce the student of science to the essential laws, theories, principles, and concepts of chemistry along with the necessary mathematical operations. In the laboratory, the students learn the skills needed for experimental work. Emphasis is given to understanding the concepts presented in class work. Complete laboratory reports on each experiment are normally required. Extensive mathematical treatment of chemical data is covered. The course is rigorous and demanding but provides a solid foundation for students planning on entering careers in medicine, engineering, science education, pharmacy, nursing, home economics, dentistry, and related science fields. Scientific calculators are required.

Honors Chemistry covers the same material as Chemistry but at an accelerated pace and in more detail. All students are required to take the EOC (end of year course exam). Therefore, material is presented that will correspond to the objectives presented in the EOC exam. \$15 class fee

Prerequisites: B average in Honors Physical Science and Algebra I. Algebra II either before or concurrently. (Written parental requests are required to waive these prerequisites.)

Periods per week: 5

2 semesters - 1 credit

## HONORS PHYSICAL SCIENCE

Elective: Grade 9

Honors Physical Science is a science class that places the emphasis on physics and chemistry. One semester is devoted to each topic. Proper laboratory techniques will be emphasized as will the role of mathematics in physical sciences. This class is designed for students who plan to take Honors Chemistry and/or Honors Physics. Emphasis will be placed on the sequence and flow of materials as to how the various science areas are related to each other. Laboratory experiments are an important part of the class and are course requirements. Scientific calculators are required. Calculators for use on tests are furnished by the school. \$5 class fee

Prerequisites: Students must have completed Algebra I or take it concurrently with this class. Students must have the recommendation of their eighth grade science teacher.

Periods per week: 5

2 semesters - 1 credit

## HONORS PHYSICS

Elective: Grades 11-12

This course is designed to meet the needs of those students who will continue their education in science and/or mathematics. This includes students planning to enter engineering, mathematics, physics, science teaching, dentistry, pre-med programs, and related professions. The emphasis will be on the development of mathematics as a tool of physics. The general topics covered include: motion, forces, energy, work, power, waves (light and sound) and circuits. Lab experiments are course requirements. Scientific calculators are required.

Prerequisites: Physical Science and Chemistry. Students must also have completed Algebra II or take it concurrently with this class.

Periods per week: 5

2 semesters - 1 credit

A = 5.0

## BIOLOGY

Elective: Grades 10-12

General Biology is a lab science designed for the student to fulfill a laboratory science requirement. It is understandable, practical and results in a better understanding and appreciation of life. Difficult concepts are taught using analogies and examples with which students are familiar. In addition, practical applications of biological concepts help make biology more real for students. The course is based on understanding rather than memorization of countless facts. About fifty percent of class time is spent on activities and laboratory work. All students are required to take the EOC (end of year course exam). Therefore, material is presented that will correspond to the objectives presented in the EOC exam. \$10 Class fee

Prerequisites: Satisfactory completion of physical science.

Periods per week: 5

2 semesters - 1 credit

## CHEMISTRY

Elective: Grades 10-12

Chemistry is designed to meet the needs of the college-bound student who does not plan to major in science or a technical field in college and will not take more than one year of chemistry in college. Chemistry covers the same topics as College Preparatory Chemistry. Chemistry still involves a great deal of math, and scientific calculators are required. The topics covered include properties of substances, classes of matter, atomic structure, chemical bonding, the periodic table, formula writing and equations, energy in reactions, ionization and chemical reactions, stoichiometry, solutions and crystals and an introduction to organic chemistry. Lab activities are used extensively to illustrate and reinforce classroom topics. All experiments are class requirements. All students are required to take the EOC (end of year course exam). Therefore, material is presented that will correspond to the objectives presented in the EOC exam. \$15 class fee

Prerequisites: Average grade of C or better in Algebra I. Written parental requests are required to waive some of these prerequisites.

Periods per week: 5

2 semesters - 1 credit

## PHYSICS

Elective: Grades 11-12

Physics studies the relationships that exist between forces, motion, and energy; temperature, heat and energy; waves (sound and light); electricity and magnetism. Physics emphasizes these everyday events around us and the topics studied are cars, baseballs, planes, trains, friction, energy, planets, light, heat, and electricity. Physics is designed to meet the needs of students who plan to enter nursing, elementary education, technical school, and those students who will not take more than one physics class in college. Physics is also for those students who would like to learn more about our physical world through an experimental science. Lab experiments are course requirements. Scientific calculators are required. Calculators for tests are furnished by the school. All students are required to take the EOC (end of year course exam). Therefore, material is presented that will correspond to the objectives presented in the EOC exam.

Prerequisites: Physical Science and Geometry. Chemistry is **not** a prerequisite for this class.

Periods per week: 5

2 semesters - 1 credit

## PHYSICAL SCIENCE

Elective: Grade 9

The subject of Physical Science provides a comprehensive view of the science concepts, techniques, and vocabulary with emphasis on physical sciences; a study of physics and chemistry. A basic understanding of physical science concepts and processes is essential for all students if they are to become effective citizens in today's world. The course is presented as a process of learning; how to study, how to investigate, how to explain and interpret the phenomena of daily life. This is a basic course for most freshmen. \$5 class fee

Prerequisites: None

Periods per week: 5

2 semesters - 1 credit

## ENVIRONMENTAL SCIENCE

Elective: Grades 11-12

Environmental Science is designated to address the science related environmental issues of today's society. Laboratory work will be pursued as it becomes available. This course involves the study of various ecosystems, energy resources, water resources, air resources, nuclear resources, toxic hazards, and wilderness studies. This class is designed to prepare students to actively appreciate, protect and nurture our environment. \$5 class fee

Prerequisites: Satisfactory completion of Physical Science and Biology.

Periods per week: 5

2 semesters - 1 credit

## BIOLOGY DE

Elective: Grades 11-12

Students enrolled in Biology DE are eligible to apply for Dual Enrollment credit. If eligible, students can earn one unit of high school credit and 5 credit hours through COTC. This is a Transferred Assurance Guaranteed course, or TAG course, which means these credits must be accepted by any state or public university in Ohio.

This course explores general biological problems and processes as they are experienced by all living organisms: the chemistry and energetic of life, molecular genetics, cellular reproduction, and evolution. .

Prerequisites: C or better in high school Biology and Chemistry and pass placement test.

Periods per week: 10

1 semester – 5 credit hours

## ZOOLOGY

Elective: Grades 11-12

This course provides an introduction to the classification, relationships, structure, and function of major animal phyla. Emphasis is on levels of organization, development, comparative systems, and a survey of selected phyla. Upon completion, students should be able to demonstrate comprehension of animal form and function, including comparative systems of selected groups. \$5 class fee.

Pre-requisites: C or better in Physical Science and Biology

Periods per week: 5

1 semester – 1/2 credit

FORENSIC SCIENCE

Elective: Grades 11-12

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions. \$5 class fee.

Pre-requisites: C or better in Physical Science and Biology

Periods per week: 5

1 semester – 1/2 credit



# SOCIAL STUDIES

## US ECONOMICS AND FINANCIAL LITERACY

Required: Grade 12

The US Economics and Financial Literacy course relates the basic laws of supply and demand and presents the major economic problems of today while focusing on an individual's financial literacy.

Prerequisites: None

Periods per week: 5

2 semester – 1 credit

## AMERICAN GOVERNMENT

Required: Grade 10

The American Government 10 course discusses how the American people govern themselves at the national, state and local levels of government. Topics include civic involvement and participation, principles of the US Constitution, structure and functions of the federal government, role of the people, Ohio's state and local governments, public policy and government and the economy, including financial literacy.

Prerequisite: None

Periods per week: 5

2 semesters – 1 credit

## HONORS AMERICAN GOVERNMENT

Elective: Grade 10

The Honors American Government 10 course discusses how the American people govern themselves at the national, state and local levels of government. Topics include civic involvement and participation, principles of the US Constitution, structure and functions of the federal government, role of the people, Ohio's state and local governments, public policy and government and the economy.

Prerequisite: None

Periods per week: 5

2 semesters – 1 credit

## AP U.S. GOVERNMENT AND POLITICS

Elective: Grade 10-12

U.S. Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics.

Prerequisite: This class is designed for students who are willing to accept the challenge of a rigorous academic curriculum. Students taking AP U.S. Government and Politics are required to take the AP Exam in May.

Periods per week: 5

2 semesters – 1 credit

A=5.0

## AMERICAN HISTORY

Required: Grade 9

This is the study of the people, places, objects and ideas that make up our common heritage. In this course there is an observation of the powers, forces and thought that have shaped our past; that are shaping our present, and that will shape our future. The emphasis will be on the post-Civil War period.

Prerequisites: None

Periods per week: 5

2 semesters - 1 credit

## HONORS AMERICAN HISTORY

Required: Grade 9

This is the study of the people, places, objects and ideas that make up our common heritage. In this course there is an observation of the powers, forces and thought that have shaped our past; that are shaping our present, and that will shape our future. The emphasis will be on the post-Civil War period. This class is more rigorous/in-depth and moves at a faster pace than American History. You will be expected to give great effort.

Prerequisites: Recommendation from 8th Social Studies Teacher

Periods per week: 5

2 semesters - 1 credit

## HUMAN BEHAVIOR

Elective: Grades 10-12

This course investigates the basic factors that influence the scientific study of human behavior. The course examines topics relating to the history of psychology, psychological methods, biology of behavior, sensation-perception, consciousness, abnormal behavior, and social psychology. The course concentrates on how human behavior is formed by both nature and nurture.

Prerequisites: None

Periods per week: 5

2 semesters - 1 credit

## HONORS ANCIENT CULTURAL STUDIES (HACS)

Elective: Grades 10-12

This course examines the history of mankind from the development of civilization through the European Middle Ages. The focus will be on ancient Egyptian, Chinese, and Greek and Roman accomplishments. The course explores their technology, economic and cultural interaction, quest for power, religious and ethical systems, and the cultural impact the ancients had on the world. Students are tested on their ability to analyze and assess material through the use of essay questions, projects and in class work.

Prerequisites: This class is designed for students who are willing to accept the challenge of a rigorous academic curriculum.

Periods per week: 5

2 semesters – 1 credit

## WORLD HISTORY

Elective: Grade 10-12

This course is designed to focus on a time frame from the 18th century to the present. The course will examine mankind's political, economic, social and cultural achievements. Material covered will include the Enlightenment, World War I, Communist Revolution, The Great Depression, World War II and the Cold War Era. Students will be tested on their ability to analyze and assess material through the use of essay questions, projects and in class work.

Prerequisites: None

2 semesters – 1 credit

Periods per week: 5

## WWII: EUROPEAN FRONT

Elective: Grades 10-12

This class focuses on the US involvement in the European theater of WWII and the economic impact of the war at home from the 1930's until the end of the war. Daily class periods will include note taking, discussions and various multi-media presentations. Grades will be assessed through papers, presentations, portfolios and projects.

Prerequisites: C or better in US and/or World History or instructor approval.

Periods per week: 5

1 semester – ½ credit (1st semester)

## WWII: PACIFIC FRONT

Elective: Grades 10-12

This class focuses on the Pacific front of WWII starting in 1938 up until the Japanese surrender. Daily class periods will include note taking, discussions and various multi-media presentations. Grades will be assessed through papers, presentations, portfolios and projects.

Prerequisites: C or better in US and/or World History or instructor approval.

Periods per week: 5

1 semester – ½ credit (2nd semester)

## CONTEMPORARY WORLD ISSUES AND GEOGRAPHY I

Elective: Grades 10-12

Contemporary World Issues studies the dynamics of global interactions among nations' and regions' present issues that affect all humanity. These dynamics include: competing beliefs and goals, methods of engagement, and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components. Approaches to addressing global and regional issues reflect historical influences and multiple perspectives. Students can impact global issues through service learning and senior projects. This course also builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

Prerequisites: None

Periods per week: 5

1 semester – ½ credit (1<sup>st</sup> semester)

CONTEMPORARY WORLD ISSUES AND GEOGRAPHY II

Elective: Grades 10-12

Contemporary World Issues studies the dynamics of global interactions among nations' and regions' present issues that affect all humanity. These dynamics include: competing beliefs and goals, methods of engagement, and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components. Approaches to addressing global and regional issues reflect historical influences and multiple perspectives. Students can impact global issues through service learning and senior projects. This course also builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

Prerequisites: None

Periods per week: 5

1 semester – ½ credit (2<sup>nd</sup> semester)

HISTORY THROUGH FILM I

Elective: Grades 10-12

This course is designed to teach students about historical events and eras through the use of film in conjunction with researching and completing related projects. Colonial America through the 19<sup>th</sup> Century will be the timeframe addressed.

Periods per week: 5

1 semester – ½ credit (1st semester)

HISTORY THROUGH FILM II

Elective: Grades 10-12

This course is designed to teach students about historical events and eras through the use of film in conjunction with researching and completing related projects. The focus will be on the 20<sup>th</sup> century.

Periods per week: 5

1 semester – ½ credit (2<sup>nd</sup> semester)



# TECHNOLOGY AND ENGINEERING

## INTRODUCTION TO ENGINEERING – ENGINEERING SYSTEMS

Elective: Grades 9-12

Introduction to Engineering will provide students with the core competencies needed to pursue a career in engineering as well as experiences they might encounter as an engineer. As a part of the STEM initiative (Science, Technology, Engineering and Math) students in this class will: work as a contributing member of a team; lead a team; communicate using a variety of methods; improve public speaking, listening, thinking and problem solving skills; work hands-on with materials and machines to complete activities and solve a series of engineering problems. If you like hands-on science, technology, engineering or math, this class is for you.

Prerequisites: B- average, Algebra, teacher recommendation.

Periods per week: 5

2 semesters – 1 credit

## MANUFACTURING TECHNOLOGY

Elective: Grades 9-12

This is a course for any and all students, male or female. Technology I explores the meaning of technology and how we apply it. Course work emphasizes a “hands on” approach with computer applications and various material processes. CAD software is used to design products that are manufactured in a simulated factory environment. Management and marketing techniques are also covered. Skills valued by employers such as communications, problem solving and critical thinking will be taught as students (both individually and in groups) develop solutions to a variety of problems related to the various career areas associated with manufacturing.

Prerequisites: None

Periods per week: 5

2 semesters - 1 credit

## CONSTRUCTION TECHNOLOGY

Elective: Grades 9-12

This course examines the various technologies associated with architecture and construction. Course work emphasizes a “hands on” approach with computer applications and various design and construction processes. Elements of architecture and home design are integrated extensively with CAD applications to produce house plans, elevation views and architectural models. Construction techniques from site preparation to finish landscaping are modeled and various systems such as HVAC and plumbing are covered. Career options are also considered with each phase of the process. This course is useful for students interested in architecture, carpentry, or construction careers.

Prerequisites: None

Periods per week: 5

2 semesters – 1 credit

## TECH PREP CAD – MANUFACTURING DESIGN AND DEVELOPMENT

Elective: Grades 11-12

Tech Prep is for the student interested in CAD (Computer Aided Design) for use in a variety of high-paying and high demand careers such as machining, electronics, design, engineering, video game design or architecture. Students will explore these fields with hands-on application of CAD, CAM (Computer Aided Machining) and 3-D modeling software. Students satisfactorily completing Tech Prep will be eligible for both high school and college credit.

Prerequisites: Junior status required.

Periods per week: 10

2 semesters – 2 credits

## COMPUTER AIDED DESIGN AND DRAWING

Elective: Grades 10-12

These courses are for the student pursuing a career in engineering, electronics, architecture, construction or one of the many design careers. Content includes tools, techniques and methods used in developing technical drawings through the use of CAD (Computer Aided Design and Drawing). Software will be AutoCAD as well as 3D modeling software. Both engineering and architectural drawing is covered. Students will develop a portfolio which will aid in advanced placement in college courses.

Prerequisites: None

Periods per week: 5

2 semesters – 1 credit

## TECHNOLOGICAL DESIGN

Elective: Grades 10-12

Technological Design is the second in a series of courses that are part of the Engineering By Design program, which teach the basic skills of engineering. This course enables students to explore technology/society interactions as well as skills in the use of tools, materials, and processes. The course facilitates the teaching and practice of thinking skills, enables students to apply concepts and skills learned in science and mathematics, involves a collaborative effort in learning, and provides a rich opportunity for students to explore technology-based careers. It provides opportunities for students to experience the process by which engineers of all times and places have increased human capability.

Prerequisites: Introduction to Engineering, B-Average, Algebra, teacher recommendation.

Periods per week: 5

2 semesters – 1 credit



# MISCELLANEOUS

## CREDIT FLEXIBILITY

The credit flexibility initiative is part of a statewide effort to increase learning and engagement and help students graduate ready for success in college and careers. In addition to earning credit by successfully completing traditional courses, the credit flexibility program provides new options for students including:

- Earning credit by demonstrating mastery of the essential content of a traditional course by “testing out,” presenting a portfolio documenting mastery, or a combination of these.
- Successfully completing a mentorship, internship, educational travel, or service-learning program aligned to the academic curriculum.
- Successfully completing an online course, a course in the summer or a course in an after-school program that is aligned to the school curriculum.
- Successfully completing a “hybrid” learning experience that may combine any of the options above as well as units of traditional courses.

## INDEPENDENT STUDY

Elective: Grades 9-12

The purpose of this course is to afford students the opportunity to study some area of personal interest. The study will be done in cooperation with a teacher/advisor. The application forms (2) must be approved by the parent, teacher, counselor and principal. These forms must be acquired from the principal.

Students in a laboratory course such as typing, science or industrial arts must work in a room which has a teacher present at all times. The amount of credit to be earned is determined by the number of clock hours the student puts into the program. This credit will not count towards the four required units of credit. The grade obtained in this course will be Pass or Fail.

## MENTORING AND SCHOOL LEADERSHIP

Elective: Grades 11, 12

The mentoring program is a year-long course designed to assist incoming freshman students in areas of need. Mentors will work with mentees in the areas of study skills, school procedures, organization, and in making the transition to high school. Student mentors will also tutor and provide extra help for their mentees, as needed. If selected, mentors are required to attend two (2) half-day seminars at CHS prior to the start of the school year with a high school teacher/advisor for training and preparation for the mentorship. Students interested in this program must have a full-year study hall in their schedule. They must be in good standing with the office. An application must be completed and approved prior to acceptance into the mentorship program.

Prerequisite: Completion of application, Supervisor approval

Periods per week: 5

2 semesters – 1 credit

DRIVER EDUCATION

Fee- \$300.00

This course is required by the State of Ohio for anyone who wishes to obtain a driver's license before reaching the age of 18. The content of the course includes classroom work (24 hours) related to driving and supervised driving practice (8 hours). The course does not meet during the regular school hours, and the number of students who can be accepted for each offering may be limited. Driver Education is offered at least five times each year, once in the fall (Oct./Nov.), winter (Jan./Feb.) once in the spring (March/April), and two sessions in the summer (June/July). Applications for the classes are available in the principal's office or guidance office.

This class will be taught at Coshocton High School through the Department of Public Safety through the Highway Safety Office, 1970 W. Broad St., Columbus, OH 43223.

Prerequisites: A student must be 16 within seven months from the start of the classroom work.

Requirements: Classroom work (24 hours); Behind the wheel driving (8 hours minimum)

Attendance is mandatory. If for some reason there is a problem, you should talk with the instructor before you enroll for the class. Make-up options for missed classroom work are offered.

A valid permit is not needed until the student starts the behind the wheel portion of the class.

Classes may meet through the week (evenings during the school year or on Saturday morning and Sunday afternoon). Classes generally meet for four hours.

Fee: \$300 (subject to change). The fee cannot be waived.

Dates and times will be announced at the beginning of the school year but are subject to change.



# **COSHOCTON COUNTY CAREER CENTER**

Your Coshocton County Career Center is an extension of the three high schools in Coshocton County. The programs are available to any student enrolled in Coshocton City Schools, Ridgewood Local Schools, or River View Local Schools.

Pursuing a career/technical educational path is a major decision to be made with both the student and parent. The following information may help you decide. Please see your school counselor if you have questions. You may also contact the Coshocton County Career Center directly at 622-0211 and speak with a counselor about the many career and technical educational opportunities. The following information may help you to decide. The Coshocton County Career Center is located at 23640 Airport Road 202, Coshocton, Ohio 43812-9599. Please see your school counselor if you have questions.

These brief descriptions explain the 11 programs available at the Career Center. Brochures describing each area of study are available in the Guidance Office.

## **CAREER CENTER REQUIREMENTS FOR ENROLLMENT**

1. Two (2) Credits of English
2. Two (2) Credits of Math
3. Two (2) Credit of Science
4. One (1) Credit of Social Studies
5. One-Half (1/2) Credit of Physical Education
6. One-Half (1/2) Credit of Health

Note: It is possible for students to attend the Career Center even though they have some requirement deficiencies. A student may not be accepted at the Career Center if he/she has too many deficiencies to be made up while attending the Career Center.

## **CREDITS EARNED AT THE CAREER CENTER**

Junior Year: 7

Senior Year: 7

Lab: 3-4 Credits per year

Junior Year: English, Math and Science

Senior Year: English, Government and Math

## **PROGRAM DESCRIPTIONS**

### **AUTO TECHNOLOGY** (Tech Prep)

Today's highly technical Auto Technology career requires workers who understand the how and why of modern gasoline engines. Students completing this ASE certified program can use the two years of Auto Technology as one year of experience for ASE certification.

### **JOB OPPORTUNITIES**

Apprentice Mechanic Small Engine Repair

Agriculture Mechanic

Tire Service and Repair

Service Writer

Parts/Counter Sales

Automotive Technician

Service Manager

Truck Diesel Mechanic

Heavy Equipment Mechanic

## BUILDING TRADES

This two-year program is designed to prepare students for a variety of careers in the construction field. Combining laboratory and technical classroom training to give students a broad knowledge of the tools, materials and procedures used in residential and commercial construction. Students are exposed to job and career opportunities with labor unions, apprenticeships and technical schools.

### JOB OPPORTUNITIES

Blueprint Reading and Sketching  
Cabinet Making  
Roofer  
Drywall  
Siding Applicator

Electrician Apprentice  
Masonry Apprentice  
Plumbers Apprentice  
Surveying Apprentice  
Carpenter

## CAREER SKILLS INVESTIGATION (CSI)

Career Skills Investigation (a Marketing Program) is targeted to students with learning or physical disabilities. It is the objective of this program to promote educational/community opportunities. It provides the resources to learn and become productive members of our society. CSI gives students the opportunity to learn marketing skills, while integrating high-tech equipment. Computers, printers, and software are used in the planning of a store (Lobo-Mart), ordering inventory, and maintaining records. Digital cameras, movie camera, computers, projection system, and a poster maker are used for promotion. Students learn how to use an electronic cash register and calculators for servicing customer purchases. In lab, they also learn how to make jewelry and floral arrangements, which in turn are sold in the school.

Students engage in life-like experiences in working in the store. They also engage in life-like experiences while volunteering at the Coshocton County Memorial Hospital, where they work in the dietary and laundry facilities. Students also benefit from volunteering at The Lafayette Meadows, where they are learning wood crafting, and shipping and handling techniques.

### JOB OPPORTUNITIES

Apparel and Accessories Marketing and General  
Merchandise Retailing  
Salesperson  
Display specialist  
Restaurant Marketing  
Fast-food and full service restaurant service  
provider  
Waiter  
Hospitality and Recreation Marketing  
Housekeeping provider

Finance  
Bank teller  
Stock clerk  
Marketing Assistant  
Entrepreneurship  
Plan and operate own business  
Cashier  
Hostess  
Hotel desk clerk  
Maid, Bellhop

## COSMETOLOGY

With the ongoing focus of today's society on health, fitness, and beauty, cosmetology remains one of the fastest growing service areas of career opportunities. Cosmetology affords students the knowledge, training, and the required curriculum to be eligible to take the Ohio Licensed Examination in cosmetology.

Upon passing the examination, the students will be licensed as cosmetology operators and qualified for immediate employment.

### JOB OPPORTUNITIES

Cosmetologist  
Hair Stylist  
Manicurist  
Make-up Artist  
Salon Owner/Manager  
Nail Technician

Cosmetic Sales Representative  
Manufacturer's Training  
Technician  
Salon Management  
Skin Care Specialist

### CRIMINAL JUSTICE

Criminal Justice today is increasingly becoming a specialized yet diverse field requiring many skills and interests. This program gives students the basic knowledge of Law Enforcement and Security needed to enter the field directly or to pursue further education. Some areas of Fire Science and Emergency Medical Technician training will be taught.

### JOB OPPORTUNITIES

Retail Security Officer  
Highway Patrol  
Police Officer  
Correctional Officer  
Fire Fighter

Private Security Officer  
Commercial Security Officer  
Institutional Security Officer  
Industrial Security Officer  
Emergency Medical Technician

### CULINARY ARTS

Culinary Arts is a two-year program designed to expose the students to the dynamic world of research, development, concept and preparation of various types of food products. In the junior year, the students are introduced to basic food preparation as well as elementary restaurant procedures. During the senior year, the students build on previous knowledge gained in the junior year. This knowledge allows the student to advance to the level of skill in food preparation, planning and preparing multi-course meals. There is also concentration in the areas of operation and managing the basic day-to-day functions of a restaurant.

### JOB OPPORTUNITIES

Cook  
Baker  
Grill Cook  
Waiter/Waitress

Garden Manager  
Assistant Chef  
Host/Hostess  
Bakery Specialist

### EARLY CHILDHOOD EDUCATION

Little steps can lead to a big career in the field of Early Childhood Education. This two-year program will introduce you to the physical, cognitive and social-emotional development of preschoolers. Learn what it takes to get youngsters ready for "big school." This program is open to those who wish to earn credentials

for employment/ownership of daycare centers, preschool aides, and those who wish to further their education with a degree in Early Childhood Education.

### JOB OPPORTUNITIES

Daycare Provider  
Pre-K-3<sup>rd</sup> Licensure  
Daycare Supervisor

### ELECTRONICS (Tech Prep)

Electronics touches many aspects of our daily lives. From communications, entertainment, education, to transportation, industry and health applications, electronics is everywhere. The need for skilled electronics workers is increasing as fast as the industry itself. This two-year program prepares students with the basic skills to enter employment or with the background to enter the military. Our students earn college credit while in the Tech Prep Program, which gives a good foundation for further education.

### JOB OPPORTUNITIES

Electronics Technician	Computer Technician
Electronics Engineer/College Required	Network Technician/College Required
Electronics Parts Inventory & Sales	Phone Technician/Installer/Customer Support
Cable TV Technician/Customer Support	Recording Studio Technician
Electronic Circuit Construction & Wiring	

### HEALTH CAREERS (Tech Prep)

Earn 8 to 11 college credit hours while in the Tech Prep Program. This two-year program helps meet the ever increasing need for health care workers. The state required nurse assistant training is a vital part of the year. Other skills learned include dental assisting, medical assisting, biology, anatomy, physiology, and CPR basic first aid. Students will experience patient care in a variety of settings.

### JOB OPPORTUNITIES

CPR Healthcare Provider	Health Unit Coordinators
Medical Lab Assistant	Nursing Assistant
Dental Office Assistant	Sanitary Managers
Pharmacy Associate	Veterinary Technician
Dietetic Assistants	Central Supply Workers
Unit Secretaries	Hospital Care Giver
Housekeepers	Medical Assistant

Mortuary Assistant  
Sterile Supply Workers

Ophthalmic Assistants  
Ward Clerk

### METAL FABRICATION

Among some of the highest paid workers in our present job market are welders. Welding will continue to play a major role in the U.S. business and industry as long as products are constructed of metal. This program prepares students with the skills necessary to enter construction and metal fabrication occupations.

#### JOB OPPORTUNITIES

Fabricator  
Fitter  
Industrial Maintenance  
Welding/General Maintenance  
Educator

Construction Welder  
Welder Inspector  
Production Welder  
Pipe Welder

### NATURAL RESOURCES (Tech Prep)

Do you like outdoors? Do you like working on fascinating aspects of natural resources and environmental management projects? If so, then Natural Resources is the program for you. Students learn about forest management, and wildlife management, tree trimming, landscaping to operate chainsaws, transits, and heavy equipment to prepare for occupations in conservation, reclamation, improvement of natural resources, and outdoor recreation. Part of the classroom time will be spent outside working on field studies and various projects throughout Coshocton County.

#### JOB OPPORTUNITIES

Nursery Operations  
Heavy Equipment Operation  
Wildlife Control  
Water Quality Management

Forest Conservation  
Soil and Water Conservation  
Grounds Keeping  
Fish Management

### COSHOCTON COUNTY CAREER CENTER – FOUNDATION PROGRAMS

The Coshocton County Career Center offers a wide variety of career/technical programs. Through classroom instruction, laboratory experience, cooperative work experience and option programs, students are prepared with job entry skills or the necessary prerequisites for additional technical or academic training beyond high school. Both male and female students are encouraged to obtain training for traditional, as well as non-traditional, jobs. The foundation programs are pre-vocational in nature and offered to sophomore students at River View, Ridgewood and Coshocton High Schools.

**COSHOCTON HIGH SCHOOL**  
**Four-Year Plan**

Student Name: \_\_\_\_\_

Career Pathway Goal: \_\_\_\_\_

	Jr. High	Freshman	Sophomore	Junior	Senior	Post – Secondary
<b>English (4) Credits</b>						
<b>Math (4) Credits</b> Alg. II or Equivalent						
<b>Science (3) Credits</b> 1. Physical 2. Life Science (Biology)						
<b>Social Studies (3) Credits</b> 1. American History 2. Govt./Econ. 3. World History						
<b>Health (1/2) Credit</b>						
<b>Physical Education (1/2) Credit</b> (Full year/2 semesters)						
<b>Fine Art (1) Credit</b> (Choir, Band, Art*)						
<b>Electives (4) Credits</b> (Minimum)						
<b>Other Required Pathway Electives</b>						
<b>TOTAL CREDITS</b>						

***20 Credits in the appropriate areas are required for graduation.***

\*If a student follows a Career Technology Pathway, he/she is exempt from the fine arts requirement.