## CRESTVIEW HIGH SCHOOL 2024-2025 Course Offering Guide

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## CRESTVIEW HIGH SCHOOL GRADUATION REQUIREMENTS

MINIMUM GRADUATION REQUIREMENTS

- 20 Credits in Required Subjects
- Competency in Algebra I \& English II End of Course Exams
- 2 Graduation Seals to Demonstrate Readiness


## REQUIRED CREDITS

The following courses must be successfully completed by Crestview High School students, class of 2024 and beyond:

| English Language Arts | 4 Credits |
| :---: | :---: |
| Mathematics must include <br> - 1 credit of Algebra II or equivalent | 4 Credits |
| Science must include <br> - 1 credit of physical science, <br> - 1 credit of life science, and <br> - 1 credit of advanced study | 3 Credits |
| Social Studies must include <br> - 1 credit World Studies <br> - 1 credit American Studies <br> - $1 / 2$ credit US Government <br> - $1 / 2$ credit Social Studies Elective | 3 Credits |
| Health | 1⁄2 Credit |
| Physical Education | ½ Credit |
| Electives must include either <br> - 2 semesters of Fine Arts taken any time in grades 7-12 or <br> - 2 semesters in a single Career Technical pathway <br> - $1 / 2$ credit Financial Literacy | 5 Credits |

## COMPETENCY

## OHIO'S END OF COURSE EXAMS

Students will take 6 End of Course exams in the following areas:

- Science (Biology)
- Math (Algebra I and Geometry)
- English (English II)
- Social Studies (American Studies and Government)


## DEMONSTRATING COMPETENCY

To graduate, students must earn a "competency" score on the English Language Arts II and Algebra I (or integrated math I) end-of-course tests or complete other options. Students not earning competency scores on the first attempt must be offered appropriate remediation and support and retake the relevant test at least once. In lieu of attaining competency scores on the state tests, students can choose between four other ways to demonstrate competency following remediation and second test attempts.

## Competency Score

Ohio law directed the Department of Education, in collaboration with the Ohio Department of Higher Education and the Office of Workforce Transformation, to establish a competency score on the English Language Arts II and Algebra I end-of-course tests. The Ohio Department of Education, after gathering feedback from education stakeholders and business communities of Ohio, determined that "competency" would be set at a score of 684 for both the English Language Arts II and Algebra I tests.

## Alternative Demonstrations of Competency

Ohio law establishes multiple pathways to demonstrating competency beyond Ohio's state tests. Prior to being eligible to demonstrate competency in these, students first must receive remedial supports and retake the test. The alternative ways to demonstrate competency are as follows:

- College Credit Plus
- ACT or SAT
- Career Experience and Technical Skill
- Military Enlistment


## DEMONSTRATING READINESS | GRADUATION SEALS

In addition to fulfilling curriculum requirements and meeting the competency requirements listed above, students also must show they are prepared for their next steps after high school. State law created 12 diploma seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. (see page 7 for a list of seals and page 8 for information on local seals). Each seal allows students to demonstrate knowledge and skills essential for future success in their chosen post-high school paths. Students will demonstrate readiness by earning at least two diploma seals, one of which must be state defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school. Schools should consider encouraging students to pursue seals that meet their individual interests and skills. Graduation planning will be an important step in supporting students in earning their seals.

## CREDIT FLEXIBILITY

Credit Flexibility applies to any alternative coursework, assessment, and/or performance that demonstrates proficiency qualified to be awarded equivalent graduation credit. This credit must be applied for and approved in advance by the school district. Approved credit awarded through this policy will be reflected on the student's transcript and counted toward student grade point average, class rank, and as graduation credit in the related subject area or as an elective.
Application: Any student may apply for credit to be awarded through Credit Flexibility. The student will submit an application on the Application for Credit Flexibility Form, located in the Guidance Office. All required information must be provided. The student may be required to provide supporting documentation as determined by the Counselor and/or Principal. Application must be received by March 31 for approval by the Credit Flexibility Panel.

## DIPLOMA WITH HONORS

## Diploma with Honors - Crestview High School Students

To receive a Diploma with Honors, the student who attends Crestview High School shall meet at least 7 of the following 8 criteria:

1. Earn 4 units of English.
2. Earn at least 4 units of Mathematics which shall include Algebra I, Geometry, Algebra II, and another higher level course or a four-year sequence of courses which contains equivalent content.
3. Earn at least 4 units of Science including two units of Advanced Sciences.
4. Earn 4 units of Social Studies.
5. Earn either 3 units of one Foreign Language or two units each of two Foreign Languages.
6. Earn 1 unit of Fine Arts, grades 9-12.
7. Maintain an overall high school grade point average of at least 3.5 on a four point scale up to the last grading period of the senior year.
8. Obtain a composite score of 27 on the American College Test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).

## Diploma with Honors - Pioneer Career and Technology Center Students

To receive a Diploma with Honors, the student who attends Pioneer Career and Technology Center must complete an intensive career-technical education curriculum and must meet 7 of the following 8 criteria:

1. Earn four units of English.
2. Earn at least four units of mathematics which shall include Algebra I, Geometry, Algebra II, and another higher level course or a four-year sequence of courses which contains equivalent content.
3. Earn at least four units of science including two units of advanced science.
4. Earn four units of Social Studies.
5. Earn four units of career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post secondary credit.
6. Achieve the proficiency benchmark established for the Ohio Career Technical competency Assessment.
7. Maintain an overall high school grade point average of at least 3.5 on a four point scale up to the last grading period of the senior year.
8. Obtain a composite score of 27 on the American college testing service's ACT assessment (excluding the optional writing test) or a combined score or 1210 on the college board's SAT verbal and mathematics sections (excluding the score obtained on the required writing section).

## RECOMMENDED COLLEGE PREPARATORY PROGRAM

Students who plan to attend a four-year college should strongly consider the following college preparatory course work:

| English | 4 Credits | English I, II, III, IV |
| :--- | :--- | :--- |
| Mathematics | 4 Credits | Algebra I, Geometry, Algebra II, Pre-Calculus, Calculus <br> (Algebra I taken at 8th grade level counts at most <br> colleges for admission purposes) |
| Science | 4 Credits | Physical Science, Biology, Chemistry, Anatomy and <br> Physiology, Physics |
| Social Studies | 4 Credits | World Studies, American Studies, Media Literacy, <br> American Government |
| Foreign Language | 3 or 4 Credits | 3 or 4 years of foreign language |
| Fine Arts | 1 Credit | Choir, Band, Art, or one credit of Art electives |

These courses may not be required by all colleges; however, they are highly recommended by all colleges. Many state universities do require this type of course work for "unconditional" acceptance. If a student has deficiencies in these recommended high school courses, they may have to take college courses at their own expense that do not count toward the college degree. Moreover, the above recommended coursework will help to prepare a student for standardized testing and college admissions testing. Students considering specialized courses of study should check the prerequisites for admission to these particular fields. For example, nursing programs require chemistry and Algebra I as a minimum for admission. Engineering programs Usually require four credits of science (through physics) and math (through calculus).

## Note to Parents and Students Regarding Graduation Requirements

The student has the responsibility to see that requirements for graduation are met. The high school personnel make every effort to keep current records and to keep students and parents informed about the student's progress toward completing the work necessary to meet these requirements. The student, however, must make sure that he or she is acquainted with the necessary requirements to meet this goal. This task is ultimately the student's responsibility.
All graduation requirements must be completed prior to graduation. Please note that graduation requirements are minimum requirements. Most students will have earned more than the minimum credits by the end of their senior year.
The information in this Course Guide is subject to change due to outstanding legislation and changes to curriculum.

## \#EachChildOurFuture

## Ohio's High School Graduation Requirements

 Classes of 2023 and Beyond
## It's Your Future.

Get Ready


Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.
As a student entering ninth grade on or after July 1, 2019, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions - one that ensures you are ready for your next steps and excited about the future.

## Tirst. cover the asisis

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

| English language arts | 4 credits |
| :--- | :--- |
| Health | $1 / 2$ credit |
| Mathematics | 4 credits |
| Physical education | $1 / 2$ credit |
| Science | 3 credits |
| Social studies | 3 credits |
| Electives | 5 credits |

## Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

## Second show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.
Is testing not your strength? After you have taken your tests, there are three additional ways to show competency!


## Demonstrate Two

Career-Focused Activities:

## Foundational

Proficient scores on WebXams
A 12-point industry credential
A pre-apprenticeship or acceptance into an approved apprenticeship program

## Supporting

Work-based learning
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal


## Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.


## Complete College Coursework

Earn credit for one college-level math and/ or college-level English course through Ohio's free College Credit Plus program.

## Third show readiness

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

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


## "Locally Defined" Crestview Graduation Seals - Class of 2023 and beyond

| Name | ODE Guideline | CHS Requirements |
| :--- | :--- | :--- |
| Semmunity | Complete a <br> community <br> service project <br> aligned with the <br> guidelines <br> adopted by the <br> student's local <br> board of <br> education or <br> school governing <br> authority | 1.Complete a minimum of <br> hours. Hours to be logged into DASL - "community <br> service" in the student section. Hours may be <br> counted for grades 9-12. <br> 2. Hours can be outside of school or through a <br> school extracurricular activity. |
| 3. Hours can be from one particular activity, or |  |  |
| from multitudes of different activities. |  |  |

## ATHLETIC PARTICIPATION

## OHIO HIGH SCHOOL ATHLETIC ASSOCIATION

The Ohio High School Athletic Association and Crestview High School require that a student be currently enrolled in a minimum of five one-credit courses, or the equivalent, and have passed the same in the immediately preceding nine week grading period to be eligible for athletic participation. Semester and yearly grades have no effect on eligibility. College Credit Plus students must submit an eligibility form in the first and third quarters.

## PIONEER CAREER TECHNOLOGY CENTER

## Recommended Pioneer CTC School Program

The 35 educational programs at PCTC are designed to prepare students for entry into various occupations and/or to prepare students for specialized post secondary education/training. Eleventh and twelfth grade students are eligible to attend PCTC. Each student must complete an application form, secure parental permission, and obtain the approval of the Guidance Department before admission to PCTC. Admission will be determined on the basis of the applicant's achievement, interest, and physical condition. Students who attend Pioneer are eligible to participate in all extracurricular activities at Crestview. Pioneer students graduate from Crestview High School.
Pioneer students are eligible to attend 2-year technical college and many 4-year colleges after graduation.
It is strongly recommended that the Crestview student should have completed all of the following 9 credits of required course work at Crestview High School during the $9^{\text {th }}$ and $10^{\text {th }}$ grades before application to PCTC. Students may earn a maximum of 14 credits at Pioneer.

## Pioneer Career and Technology Program Entrance Requirements

| English | 2 Credits |
| :--- | :--- |
| Mathematics | 2 Credits |
| Social Studies | 2 Credits |
| Science | 2 Credits |
| Health | $1 / 2$ Credit |
| Physical Education | $1 / 2$ Credit |

Students who do not earn all of the required PCTC entrance credits may be eligible to attend PCTC, but must complete the credits prior to high school graduation. This must be coordinated through the guidance counselor.

## Recommended Four-Year Pioneer CTC Outline

## $9^{\text {TH }}$ GRADE

- English I
- Algebra I
- Physical Science
- World Studies
- Health
- Physical Education


## $10^{\text {TH }}$ GRADE

- English II
- Geometry or Algebra II
- Biology
- American Studies
- Physical Education
- Fine Arts, Foreign Language/Business Technology
$11^{\text {TH }}$ GRADE
- English III
- Geometry, Algebra II or Finite Math
- Materials Science, Physical Science, Anatomy, Chemistry, or Physics
- Elective
- Pioneer Career Technology Program
$12^{\text {TH }}$ GRADE
- English IV
- Algebra II, Finite Math II, Adv. Math, Pre-Calc., or Calc.
- US Government (includes Financial Literacy)
- Elective
- Pioneer Career Technology Program


## PIONEER CAREER TECHNOLOGY PROGRAMS

## AGRICULTURAL

- Horticulture
- Meat \& Animal Science


## BUSINESS \& COMPUTER ACADEMY

- Cyber Security
- IT Support
- COLLEGE NOW Business


## CONSTRUCTION

- Carpentry
- Construction Level 1
- Home Remodeling
- Masonry


## MANUFACTURING

- Engineering Design Technology
- COLLEGE NOW-Engineering
- Industrial Electricity Technician
- Precision Machining Tech.
- Welding


## TRANSPORTATION

- Collision Repair
- Automotive Technology
- Auto Tech Level 1
- Industrial Diesel Mechanics
- Power Equipment Mechanics


## HEALTH ACADEMY

- Medical Technology
- Medical Assisting
- Dental Assisting
- Health Assistant
- Exercise Science/Sports Medicine


## HUMAN SERVICE PROGRAMS/ OCCUPATIONS

- Cosmetology
- Criminal Justice
- Culinary Arts
- Early Childhood Education
- Teaching Professions (Satellite)
- Homeland Security


## ARTS \& COMMUNICATION

- Graphic Arts
- Performing Arts
- Media Communications

MANAGEMENT

- Project Search


## Tech-Prep: COLLEGE NOW

All of PCTC programs are now Tech-Prep Programs which are available to Crestview High School students at three different sites. These programs articulate directly to two-year associate degree programs and many of the two-year programs articulate to four-year bachelor degree programs. Certain Tech-Prep courses count for both high school credit as well as college credit. A student is eligible for the Tech Program after completing a two-year program which includes a math requirement through at least Algebra II with a "C" average or better. Students interested in exploring Tech-Prep should see the guidance counselor.

## COLLEGE CREDIT PLUS

College Credit Plus (CCP) is available to qualified students to earn college and high school credit.
Students and their parents are required to inform the school district of intentions of participating in the program for the following academic year. The CCP Letter of Intent must be completed (signed by the parent and the student) and returned to the school by the April 1st deadline.
Students and parents must have attended the mandatory informational meeting. The informational meeting will ensure that parents and students are fully aware of opportunities available.
Items to be addressed at the meeting may include:

1. Program eligibility
2. The process for granting academic credits
3. Financial arrangements for tuition, books, materials, and fees
4. Criteria for any transportation aid
5. Available support services
6. Scheduling
7. The consequences of failing or not completing a course which the student enrolls, and the effect of the grade attained in the course being included in the student's grade point average, if applicable
8. The effect of program participation on the student's ability to complete the district's graduation requirements
9. The academic and social responsibilities of students and parents under the program
10. Athletic eligibility, students must be passing 5 high school credits or the equivalent of 5 high school credits
11. Information about and encouragement to use the counseling services of the college in which the student intends to enroll.
*** The above information about the College Credit Plus program and meeting is the most recent information we have at the time of this publication and it is subject to change due to any changes in the legislation.

## CLASS SCHEDULING PROCEDURES

Registration for courses is one of the most important parts of a student's educational experience. Care and consideration must be given to selecting the schedule that will best prepare the student for post high school entering college, pursuing vocational training, or seeking employment.
COURSE SELECTIONS MUST BE DEFINITE. Students should consult with parents, teachers, and counselors before making final course decisions.

Selection of courses should be based upon:

- Specific courses and numbers of credits required for graduation
- Prior successes and failures
- Sequence of courses
- Special interests and aptitudes
- Future college, vocational, and career plans

Selection of courses determines:

- The number of class sections needed for a particular course
- Whether or not a specific course will be offered
- The final Master Schedule
- Staffing (the number of teachers needed)

STUDY HALLS: Each student is only allowed one study hall per semester. (Additional Study Halls may be approved by the Principal under special circumstances only.)

## SCHEDULE CHANGES

Schedule changes will only be made within the first five days of class under the following conditions:
A. Schedule conflicts
B. Educational reasons:
a. to meet graduation requirements;
b. Prerequisites not met;
c. Credit deficiency;
d. Required course is needed;
e. To satisfy IEP needs
C. Completion of pre-approved coursework
D. Special circumstance approved by the school Principal.

In order to drop a course or to have a schedule changed, it must occur within the first five days of class. The Guidance Office must see reason to approve the requested change.

# CRESTVIEW HIGH SCHOOL CURRICULUM COURSE DESCRIPTIONS 

## ENGLISH CURRICULUM


#### Abstract

English I (030) 1 Credit Year-long English I is the study of grammar, mechanics, and structure. Students will study the writing process, writing conventions, and vocabulary development throughout the year. During the course, students will demonstrate their ability to draft, edit, and publish the various types of writing applications. Students taking this course will be required to study thematic multicultural literature units in order to make connections between literature and life. In addition, students will build on existing reading comprehension skills and further their ability to analyze and evaluate fiction and nonfiction texts. Over the course of each nine weeks, students will read one extended length piece (novel, collection of essays, a play, etc.) supplemented with short stories, non-fiction essays, historical documents, and poems. Students will utilize writing to respond to literature. Each student will be expected to incorporate the skills learned in this course into their writing. Leaming tasks, teaching strategies, and assessments are continuously revised to meet the rigor and demands of the Ohio Academic Content Standard for English/Language Arts.


## English II (040)

1 Credit
Year-long
English II is a comprehensive course designed to prepare high school students for the requirements of upperand collegiate-level English courses based on the Ohio Common Core State Standards for English Language Arts. Material covered will consist of two to three major works as well as short stories, dramas, and literary nonfiction, among the like. Students will be assessed in their progression and understanding of skills through two to three written essays, summative assessments, and presentations/discussions. Throughout the course, students will gain understanding of key ideas and details, craft and structure, integration of knowledge and ideas, and range of reading and level of text complexity. While following MLA Format \& Style, steps to the writing process will continually be examined and applied to student writing, enhanced with conventions of standard English, knowledge of language, and vocabulary acquisition and use. This course is a tested subject and has a two-part, state-mandated End-of-Course exam.

## English III (050)

1 Credit Year-long
English III is a comprehensive junior-level course designed to prepare students for the requirements of senior-level high school English courses. This course includes comprehensive study of American literature and authors in an effort to develop an appreciation for American literature and culture. Students will demonstrate knowledge of the literary elements, creative expression, and organizational skill through writing assignments and various class activities such as informal discussion, speeches and/or presentations, essays, and literary analysis, etc. Students will study and analyze one to two significant American novels and/or plays, as well as several informational texts, including U.S. historical documents. Additionally, this course will include an extended study of grammar, mechanics, and structure, as well as an in-depth study of the writing process and vocabulary development. The student will be asked to incorporate the skills learned in this course into their writing. In an attempt to have the student demonstrate their knowledge, the student will complete one formally typed essay or report for each of the four types of writing, which will include the study and use of proper MLA Citation.

1 Credit Year-long
English IV is a comprehensive senior-level course designed to prepare students for the requirements of college English courses and practical uses of the Language Arts after high school. In this course, students will gain an understanding of the universal human experience through the reading, analysis, and discussion of literature across various time frames and cultures and through creative and research writing. Students will study and analyze multiple significant novels, plays, and informational texts from around the world. Students will also explore the ways in which the Language Arts are relevant in the world beyond high school, including in the workplace and for entertainment purposes. Additionally, this course will include an extended study of grammar, mechanics, and structure, as well as an in-depth study of the writing process and vocabulary development.

## ENGL 1010-NCSC CCP <br> 1 Credit Semester

This is a basic course in expository writing and critical reading. Students read a variety of nonfiction works and write summaries, analysis, essays, and a researched argument in response to their reading. Students learn to read actively and accurately and to organize, develop, and revise coherent papers appropriate for a college-educated audience. Students will be issued 3 college credits through North Central State College.

## ENGL 1030-NCSC CCP

1 Credit
Semester
This is a course in argument and research writing. Students read issue-based works and write summaries, responses, and an argument and research paper. Students learn to organize research projects, find and evaluate sources, incorporate ideas and quotations from sources, document their sources in MLA and APA style, analyze and use argumentative strategies and persuasive appeals, and prepare and revise effective, coherent papers. Students will be issued 3 college credits through North Central State College.

Speech and Debate (065)
$1 ⁄ 2$ Credit Semester
Grades 9-12
In this course, the student will learn how to apply visuals, style, stories, organization, and nonverbal communication to speeches. The student will learn tactics to help overcome fear, participate in debates, and rehearse effectively. The student will also learn how to evaluate great speeches from history as well as more modern media messages. This course is an elective and does not count toward English graduation credit.

Theatrical Arts (070)
$1 / 2$ Credit Semester
Grades 9-12
Theatrical Arts will explore the history of theater and how it has changed and influenced society for thousands of years. Students will understand and apply the various jobs that must work together in order to make a play a success, including actors, directors, props, hair/makeup, costume, producers, playwrights, etc. Students will practice script writing, acting, and technical theater skills. Students will practice performing in scripted skits and improvisation. Theatrical Arts requires various writing and speech components that align to the English Language Arts State Standards. This class does NOT require after school rehearsals or participation in the Drama Club. Taking this class does not guarantee any student an acting role in any performances set by the Drama Club. This course is an elective and does not count toward English graduation credit.

Grades 9-12
This is a new elective course being offered this year for students to explore different facets of journalism. Journalism and what it means to be a good journalist has been called into question in the last few years so this is a relevant topic for students. We will be discussing what it means to be an ethical or "good" journalist, interview skills, and the rights of a student journalist. Students will be involved in a lot of fun projects this semester that will challenge them to put themselves out there, and show their knowledge on certain topics. This course is an elective and does not count toward English graduation credit.

## Creative Writing (085)

½ Credit
Semester
Grades 9-12
Creative Writing, aligned to the Ohio Common Core State Standards for English Language Arts, focuses heavily on student-produced narrative writing through fiction and/or creative nonfiction. Students will gain an understanding of how to build plot, develop characters, and sequence well-structured events in order to create a coherent whole, among other necessary techniques and strategies. Students will be able to produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience, while developing and strengthening their writing as needed by planning, revising, editing, and rewriting. Author appreciation and published works will also be examined as students aim toward completing their own manuscripts throughout the semester. This course is an elective and does not count toward an English graduation credit.

## Fairy Tales: Grimm Analysis (066)

½ Credit
Semester
Grades 10, 11, 12
Fairy Tales: Grimm Analysis, aligned to the Ohio Common Core State Standards for English Language Arts, explores the genre of fairy tales and their role as cultural literary artifacts. Students will examine the construction, shaping, and use of fairy tales in society, specifically concentrating on the German context (in particular, the works of the Brothers Grimm). Students will also consider and analyze fairy tales drawn from a number of different national traditions and historical periods, including the American-present, as well as folk tales, myths, and legends. Grimm Analysis is designed for anyone interested in fairy tales and literary analysis, including reading enthusiasts, storytellers, and creative writers. This course is an elective and does not count toward an English graduation credit.

Film as Literature (075)
$1 / 2$ Credit
Semester
Grades 10, 11, 12
Film as Literature is an introduction to the scholarly study of film as a visual medium and the way it relates to today's cultural landscape. The Elements of film, visual and narrative, are presented with representative examples from genre and general-interest films. We will see both classic and contemporary movies. Students will read about the history of film, the reflection or influence of film on the culture, and issues of interpretation, production, and adaptation. Students will examine the visual interpretation of literary techniques and auditory language in film and the limitations or special capacities of film versus text to present a literary work. Students will analyze how films portray the human condition and the roles of men and women and the various ethnic or cultural minorities in the past and present.

Film as Literature requires various writing and speech components that align to the English Language Arts State Standards. This course does not count toward an English graduation credit.

## MATH CURRICULUM


#### Abstract

Algebra I (230) 1 Credit Year-long Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range or problem solving situations. The concept of function is emphasized throughout the course. Topics include: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, (6) quadratic functions, and (7) exponential laws and functions. A "C" average in Algebra I is a prerequisite for all programs at Pioneer CTC. This course is a tested subject and has a two part, state mandated end of course exam.

\section*{Geometry (240)}

1 Credit Year-long Prerequisite: Algebra I Geometry is an integrated course of both solid and plane geometry emphasizing inductive and deductive reasoning. It familiarizes the student with relationships between lines, planes, angles, characteristics of polygons in general, and, in particular, triangles, rectangles, squares, and trapezoids through proofs and related exercises. Analytical geometry topics will also be studied.Geometry shows the student methods of logical reasoning as they pertain to mathematical concepts. This course is a tested subject and has a two part, state mandated end of course exam.


Algebra II (235)
1 Credit Year-long
Prerequisite: Geometry
In this second year of Algebra the student will continue the study of fundamental skills to Algebra. It extends the introduction and understanding of basic Algebra and Geometry concepts. The course covers such topics as properties of real numbers, exponents and radicals, linear and quadratic functions, algebraic expressions, logarithms, trigonometry, and complex numbers. Students are encouraged to purchase a TI-84+ graphing calculator or its equivalent.

Transitions to College Math (265)
1 Credit Year-long
This course is designed for incoming students needing a fourth math credit, yet not ready for a college course. Content will focus, review and further the study of Algebra concepts typically seen in a College Algebra course. Topics include functions and graphs, exponential and logarithmic functions, systems of equations, matrices, sequences, series and Probability.

## CCP Probability and Statistics (276)

½ Credit Semester

## Prerequisite: Algebra II

This course provides the student with an overview of probability and statistics. Probability terminology, concepts and rules are emphasized in solving probability problems. Descriptive statistics, including measures of central tendency and dispersion, charts, tables and diagrams are used to summarize data. The student is introduced to the binomial, Poisson, hyper-geometric, normal and t-distributions. Confidence intervals, hypothesis testing, correlation, and linear regression are used to make conclusions concerning population parameters from sample data. 3 credits
This course is offered as a CCP course through North Central State College. In order to take this course for college credit, students must attend the recommended CCP meeting and fulfill NCSC 's CCP requirements.

Prerequisite: Algebra II
The CCP Pre-Calculus course consists of two semesters through North Central State College where the student will be taking College Algebra and Trigonometry. Students must attend the recommended CCP meeting and fulfill NCSC's CCP requirements.
This course can be for high school credit only if the student does not participate in the CCP program.

## Math 1110-College Algebra

A study of: 1) polynomial operations, rational expressions, exponents, radicals; 2) linear and quadratic equations, inequalities, absolute value applications and their graphs; 3 ) graphs of elementary functions and non-functions including inverse functions, combining functions, and translating and transforming functions; 4) study of polynomial functions including the Fundamental Theorem of Algebra, zeros of polynomials, rational functions, partial fractions; 5) exponential and logarithmic functions including graphs and applications; 6) Gauss-Jordan elimination and Cramer's Rule. 4 credits

## Math 1130-Trigonometry

This course includes the study of trigonometric functions and inverse trigonometric functions and their graphs; solutions of right and oblique triangles and their applications; solutions of trigonometric equations and inequalities; the use of identities, vectors, and complex numbers; and solutions of polar equations and parametric equations. Students must supply a graphing calculator. 4 credits

Calculus (270)
1 Credit Year-long

## Prerequisite: Pre-Calculus

A study of analytic geometry, limits, continuity, the derivative, basic differentiation rules, rates of change, the product and quotient rules, higher-order derivatives, the chain rule, implicit differentiation, related rates, extrema on an interval, Rolle's Theorem and the Mean Value Theorem. Function analysis includes increasing and decreasing functions and the first derivative test, concavity and the second derivative test, limits at infinity and curve sketching. Concluding topics include anti-derivatives, indefinite and definite integrals, the Fundamental Theorem of Calculus, and integration by substitution. Applications include optimization problems, Newton's method, differentials, and areas of planar regions. 5 credits

This course is offered as a CCP course through North Central State College. In order to take this course for college credit, students must attend the recommended CCP meeting and fulfill NCSC 's CCP requirements.

## SCIENCE CURRICULUM

Physical Science (331)
Fee: \$5
1 Credit
Year-long

## Grade 9

Physical Science is an introductory science course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. This course introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical Science comprises the systematic study of the physical world, as related to chemistry, physics and earth/space science.

1 Credit Year-long
Grades 9, 10
Biology is a six unit course with inquiry based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information, and connecting this information to the real-world problems. This course investigates the composition, diversity, complexity, and interconnectedness of life on Earth. Fundamental concepts of cells, genetics, evolution, and classification provide a framework to explore the connections between the living world, the physical environment, and the interactions within them. This course is a tested subject and has a two part, state-mandated, end of course exam.

Grades 11, 12
The goal of the Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the relationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study including ecology, chemistry, economics, and mathematical analysis.
Chemistry I (340) Fee: \$25 1 Credit Year-long

Prerequisite: Algebra I
Recommended for students interested in pursuing careers in Chemistry, Engineering, and healthcare professions (Doctors, Nurses, Pharmacists, Physical Therapists, etc.)
Chemistry is an advanced science course taught primarily as a college preparatory course. Chemistry is the study of how and why substances interact with each other. When appropriate, the course consists of labs that coincide with what is being studied. Included in the topics discussed are the scientific method, chemistry related mathematics, structures of atoms, formula writing and nomenclature, equation writing skills, mole concept, reaction types, solutions, some organic chemistry, and stoichiometry. In this course, it is essential to have good study habits, strong Algebra background, and be able to dedicate a great deal of time to studying.

## CCP Chemistry 1030

1 Credit Semester

The course is to give the Allied Health and Nursing student an appreciation and understanding of general inorganic chemistry. Includes atomic and molecular structure, molecular forces, properties and states of matter, naming of chemical compounds, types and behaviors of solutions, types of reactions, acid base chemistry, carefully chosen organic topics with their applications to specific health problems. Laboratory exercises will enhance and reinforce lecture topics. 3 Credit
This course is offered as a CCP course through North Central State College. In order to take this course for college credit, students must attend the recommended CCP meeting and fulfill NCSC 's CCP requirements.

Grades 11, 12 Prerequisite: Biology (sophomore status acceptable if taking with Chemistry)
Anatomy and Physiology is intended for highly motivated students who have a strong interest in the biological/biomedical sciences. This course will include a year-long program of intense study of the structure and function of the human body. The areas covered will include medical terminology, cell and tissue structure, and selections from the 11 human body systems (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary and reproductive. Laboratory work is required, including a detailed dissection of a house cat (Felis domesticus) to compare its anatomy to that of a human.

## Physics I (360) <br> Fee: \$25 <br> 1 Credit <br> Year-Iong

Grades 11, 12. Prerequisite: Chemistry, Algebra II and/or Geometry
Recommended for students interested in pursuing careers in Chemistry, Engineering, Architecture, Astronomy, Meteorology, Simulation/Gaming design, and various medical and scientific fields. (Doctors, Nurses, Dentists, Pharmacists, Physical Therapists, etc.)
Physics I is an advanced science course taught primarily as a college preparatory course. It is designed to give the student an understanding of the scientific method of problem solving and an appreciation of the workings of the physical world. The course is based mostly on the mathematical concepts working in motion, vectors, forces, simple machines, friction, and energy. When appropriate, the material will be supplemented with labs and projects. In this course, it is essential to have good study habits, strong Algebra and Geometry background, and be able to dedicate a great deal of time to studying. Students may also do independent projects.

Physics II (361)
Fee: \$25
1 Credit
Year-long
Prerequisite: Physics I
Recommended for students interested in pursuing careers in Chemistry, Engineering, Architecture, Astronomy, Meteorology, Simulation/Gaming design, and various medical and scientific fields.
Physics II is a college-prep, advanced science course and a continuation of Physics. Physics II will explore in greater detail energy, thermodynamics, waves, light, sound, electricity, magnetism, circuits, atomic and nuclear physics, fluid dynamics, mechanical properties of matter, and modern physics (special relativity). When appropriate, the material will be supplemented with labs and projects. In this course, it is essential to have good study habits, strong Algebra and Geometry background, and be able to dedicate a great deal of time to studying. Students may also do independent projects.

Astronomy (390)
Fee: \$25
1 Credit Year-long
Prerequisite: Must either currently or have previously taken Physics.
Recommended for students interested in pursuing careers in Astronomy or have a strong curiosity about space related topics.
This class is an introduction to Astronomy designed to introduce students to the theories and application of astrophysics and to familiarize students to sky observations and space exploration concepts. Occasional night viewings will be planned.
The primary topics are: the size and scale of our solar system, galaxy, and universe; our Sun and our Moon; the constellations in our sky; both ancient and modern astronomers; how stars burn fuel; the methods scientists use to study distant stars; the life cycle of stars; the planets within our own solar system; study of light and optics, spectroscopy; orbital mechanics and laws; study of rockets; space exploration missions and the search for extraterrestrial life. In order to be successful in this class, a strong knowledge of algebra and geometry is needed, as well as critical and analytical thinking skills.

Grades 11, 12 (Seniors are priority)
Prerequisite: 2 years of high school science (Physical Science \& Biology)
Recommended for students strong in the science and math fields and who are interested in pursuing a career or furthering their education in the forensic/criminology fields. This lab-based class will incorporate different fields of science to analyze what can be determined at a crime scene. Topics that will be covered in this class include: DNA analysis, fingerprinting, hair/fiber analysis, blood types and splatter patterns, entomology, toxicology, ballistics, and crime scene evidence collections. Please be aware: This course contains information over sensitive content like death, blood, and crime. All content will be covered with care and respect, but please consider how you can deal with these topics if you are considering taking this course.

## Genetics <br> 1/2 Credit <br> Semester

Prerequisite: At least 2 years of high school science (Physical Science \& Biology)
Genetics is all about understanding what makes each of us unique on a molecular level. This course expands upon the basic genetic concepts covered in Biology. Students will explore complex genetic inheritance, genetic disorders, and discussions of current bioethical issues related to genetics. This course is recommended for students with a strong interest in studying genetics/biological sciences in the future.

## Microbiology

1/2 Credit
Semester
Prerequisite: At least 2 years of high school science (Physical Science \& Biology)
Microbiology puts the spotlight on some of our world's smallest organisms, bacteria and viruses. Students taking this course will explore the structure and function of microorganisms in our environment. Topics covered will include The Human Microbiome, microbial genetics, epidemiology, and specific lab techniques related to microbiology. Students will also gain experience with the proper handling and culture process of bacteria. Recommended for students with a strong interest in learning more about microorganisms or pursuing a career in the medical/biological sciences field.

## Engineering Essentials

1 Credit
Year-long
Explore the basics of engineering through topics such as disaster relief and recovery, modern medicine, and sustaining cities and communities. Using various engineering tools, 3D Modeling, GIS (Geographical Information System) and prototyping equipment, students will gain problem solving skills that translate to any career path of their choice. You do NOT have to be exceptional at mathematics or art to take this course; all are welcome, and can succeed.

Grades 10, 11, 12 Limited seating: Max 12 (Returning students are given first opportunity to re-enroll)
Prerequisite: Teacher permission/evaluation from all of their teachers. Students must also demonstrate a good academic record, be responsible, independent and self-motivated to be able to complete and finish several iterations of a problem until a solution is resolved.
Recommended for students interested in pursuing careers in Engineering, Aeronautics, or any career that utilizes various fo1ms of aviation and autonomous devices (forestry, agriculture, structural inspections, and various branches of the Armed Forces).

This course uses a modified engineering design model process for students to build, fly and design various aircrafts (primarily airplanes and potentially multi-rotors/drones, hovercrafts, and vehicles). Students will partake in hands-on aircraft activities that engage the students at multiple levels and provide real world learning opportunities that expose students to science and technology that could be applied to various STEAM related careers. Emphasis will first be placed on safety, rules, and regulations. Students will learn some vocabulary and flight concepts while constructing various gliders. These concepts and skills in construction can be applied to constructing an RC airplane (and possibly a multi-rotor). Before students are allowed to fly the RC aircraft, students will need to demonstrate proficiency in flying on a RC flight simulator. Students will be expected to have very good attendance, be hard working, work as a team, willing to take on challenges, and be able to independently learn and develop new knowledge and skills.
Note: Since the class is partially funded through grants, part of the stipulation of the grants requires many photos, videos, and names of the students participating in the class. Students' names, photos, and videos will be posted on various social media sites so that the community, and those providing the grant, can follow the progress of the students.
S.T.E.A.M. / Aeronautics II (381) Fee: \$55 1 Credit Year-long

Grades 10, 11, 12 Limited seating: Max 12 (Returning students are given first opportunity to re-enroll)
Prerequisite: Successful completion of S.T.E.A.M. / Aeronautics 1, have a good academic record, be responsible, and be self-motivated to focus on a task and work through several iterations of a problem until a solution is resolved.

Recommended for students interested in pursuing careers in Engineering, Aeronautics, or any career that utilizes various forms of aviation and autonomous devices (forestry, agriculture, structural inspections, and various branches of the Armed Forces.)
This class is a continuation of S.T.E.A.M. / Aeronautics 1. This course uses a modified engineering design model process for students to build, fly and design various aircrafts (primarily airplanes and potentially multi-rotors/drones, hovercrafts, and vehicles). Students will partake in hands-on aircraft activities that engage the students at multiple levels and provide real world learning opportunities that expose students to science and technology that could be applied to various S.T.E.A.M. related careers. Students will be challenged with more complex builds and building techniques. Students may also have the option of constructing other devices, such as the construction and use of CNC machines, 3D printers, laser cutters, and Arduino based projects. Students will be expected to have very good attendance, be hard working, work as a team, willing to take on challenges, and be able to independently learn and develop new knowledge and skills.

Note: Since the class is partially funded through grants, part of the stipulation of the grants requires many photos, videos, and names of the students participating in the class. Students ' names, photos, and videos will also be posted on various social media on a class-made page so that the community, and those providing the grant, can follow the progress of the students.

## SOCIAL STUDIES CURRICULUM

World Studies (140)
1 Credit
Year-long

## Required for Grade 9

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

## American Studies (150)

1 Credit Year-long
Required for Grade 10
American Studies is the continuation of the chronological study of American History from 1860-present. As students study historical eras they consider the geographic, cultural, economic, and governmental changes that have occun-ed. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. This course is a tested subject and has a two part, state mandated end of course exam.

## US Government / Economics (160)

## $1 / 2$ Credit

Semester

## Required for Grade 11

US Government is the study of the U.S. legislative, executive and judicial branches. This class includes the study of the American economic system.

Throughout the course practical emphasis is placed on helping the student understand the workings of government and their responsibility as a member of society. Documents examined will include both the U.S. and Ohio Constitutions as well as the Declaration of Independence and the Bill of Rights. End of course exam will be administered at the end of the 1st semester. This course is a tested subject and has a two part, state mandated end of course exam. A practical study of the features and functions of the American economic system through the understanding of such concepts as capital, labor, resources and production.

Financial Literacy (162) $1 \not 1 / 2$ Credit Semester
Required for Grade 11
Throughout the course, students will develop financial literacy skills to become informed consumers. Students will be able to discern financial choices, plan for the future, and respond to life events. Additional topics include budgeting, savings and investing, credit, debt management, insurance, taxes and social security, identity theft, consumer protection, and banking. This course is an elective and does not count towards a social studies graduation credit.

Media Literacy (163)
$1 / 2$ Credit Semester
Grades 10, 11, 12
This class will focus on the learner's ability to build the critical thinking, writing, and reading skills required in a media-rich and increasingly technology driven world. Media literacy will include interpreting all forms of media, analyzing bias found in media, and its effect on the perception of information.

Elective for Grades 11, 12
The class will study American culture and group behavior in society. In addition are units on socialization, family, crime, education, religion, and other relevant social issues. Emphasis is placed on students developing reasoning abilities in discussions and written work. This course is designed to help the student who plans to continue with their education.

## Psychology (167)

½ Credit
Semester
Elective for Grades 11, 12
Psychology is the scientific study of behavior and mental processes, such as thinking, dreaming and remembering. The course provides a general survey of the major subfields of psychology, including the biological bases of behavior, personality theories, memory, intelligence, motivation, learning theories, behavioral disorders and their treatment, and developmental themes. In addition to the lecture format, teaching strategies will include the use of video tapes, demonstrations, role-playing, debates, discussions, and other active learning exercises. The study of psychology should give you a better understanding of yourself, why people act as they do, and perhaps more effective ways to handle, or help handle, the stresses of daily life.

## American History Through Film (180) $1 / 22$ Credit Semester

Elective for Grades 10, 11, 12
The History through Film class will look at momentous events of American History through careful examination of films and documentaries such as those created by Ken Burns. This will be a very discussion-driven and project-driven class with students demonstrating learning through their analysis of these resources. Students will be expected to write, present, and explain their analysis of these films and their subject matter.

## AGRICULTURAL EDUCATION CURRICULUM

The Agricultural Education curriculum provides an opportunity for the students to experience a broad base of agriculture and an opportunity to participate in the FFA organization. All students are required to have a Supervised Agricultural Experience, which will provide an additional $1 / 4$ credit per year. All students are expected to become members of the FFA and take an active role in this organization. FFA dues must also be paid during the first grading period in which a student is enrolled in agricultural education.

Agriculture, Food and Natural Resources (930) Fee: \$12 Year-long
This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science \& management, plant \& horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability.

Prerequisite: Agriculture, Food and Natural Resources
Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural market place. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.
Mechanical Principles (959) Fee: \$20 1.26 Credit Year-long

Prerequisite: Agriculture, Food and Natural Resources
Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

Agricultural Business (952)
Fee: \$12
1.26 Credit

Year-long
Grades 11 and 12
Prerequisite: Agriculture, Food and Natural Resources
Learners will examine elements of business, identify organizational structures, and identify and apply management skills. Learners will develop business plans, financial reports and strategic goals for new ventures or existing businesses.
Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Learners will practice customer sales techniques and apply concepts of ethics and professionalism while understanding related business regulations.

Science and Technology of Food (955)
(956 FFA)

Fee: \$12
1.00 Credit Year-long
1.26 Credit Year-long

## Grades 10, 11 and 12

Students will examine the research, marketing, processing and packaging techniques applied to the development of food products. Learners will examine nutrient content and their chemical makeup, while applying principles of chemistry to the development of food products. They will examine and implement food safety, sanitation, and quality assurance protocols. Government regulations and food legislation will be examined and the implications to food science and technology will be identified. Membership in FFA is optional.

Ag. Education Independent Study Capstone (9791)
1.26 Credit

Year-Iong
Prerequisite: Agricultural Business and 2 other Ag Courses
Agricultural Education Independent Study will be offered on an instructor's permission basis only. This is intended as a last resort for students who wish to be enrolled in Agricultural Education but cannot otherwise fit an Agricultural Education course into their schedule. Students enrolling in Agricultural Independent Study should realize it will be an online course with labs and projects built into the curriculum.

Prerequisite: 1 credit of Agriculture and must be enrolled in an Agriculture class. Grade 12 only.
In Agricultural Production CO-OP, students may be approved for an agricultural job site placement and a training plan must be completed prior to placement and the principal, instructor, parent/guardian must grant permission for placement. Evaluation of the job site placement is done in cooperation with the employer and instructor. The student must complete a minimum of 125 hours of work, each grading period. It is a privilege to be in an Agricultural Production CO-OP program, and a student can be removed if there are academic problems in other classes or if there are any behavioral or attendance problems.
Any student that would like to be in Agricultural Production CO-OP needs to be in at least four other classes each semester. This course is graded as a Pass/Fail course.

## FINE ARTS - VISUAL ARTS

Intro to Art: Entry Level Art Class (680) Fee: \$50 1 Credit Year-long
Intro to Art is designed to introduce students to various basic art media, techniques, and methods, as well as art history and art appreciation, with an emphasis on visual literacy and criticism. The course encourages imaginative responses to specific assignments, while fostering a greater understanding of the role of art and the artist in society, past and present. This exposure strengthens visual literacy and awareness in a highly visual world. The curriculum involves the study of both two and three dimensional media while utilizing varied art materials such as; ink, colored pencil, charcoal, various papers, collage, clay, found object sculptures, wire and cardboard.

Printmaking (687)
Fee: \$25
½ Credit
Semester
Prerequisite: Intro to Art or teacher recommendation
The student will focus on one or more of the basic printmaking techniques. The course dives into the history of printmaking and its cultural importance.Emphasis placed on further development of visual, conceptual and technical abilities. Students will work with linocut, woodcut, intaglio, and screen-print.

Drawing (688)
Fee: $\$ 25 \quad 1 / 2$ Credit
Semester
Prerequisite: Intro to Art or teacher recommendation
Requires students to pursue a personal conceptual direction in drawing and to develop the appropriate technical and critical skills necessary for creating a cohesive body of artwork.
Students will experiment with contour, gesture, sketching, directional line, value, and shading. Students will focus on learning techniques based around ink, graphite, colored pencil, and charcoal.

Advanced Drawing (688A)
Fee: \$25
½ Credit
Semester
Prerequisite: Drawing
Advanced Drawing allows students to take a deeper look at various processes and techniques related to drawing. Students will develop a portfolio of work that reflects students' strengths and interests. The goal is to take students from a basic drawing level to a more advanced understanding and skill development.
Students will explore their artistic vision, personal imagery and content through techniques learned in basic drawing courses and more challenging techniques, traditions, and approaches such as still life, portraiture, and figure drawing.

Students will focus on a series of projects synthesizing the elements and principles of pictorial composition which encourage individual creative 3 solutions. Students will work on a development of personal imagery in painting through individualized projects. The conceptual and technical aspects of painting are developed through experimentation, research and evaluation. Students will work with watercolor, ink, acrylic, tempera, and oil based paints.

Advanced Painting (689A)
Fee: \$25
½ Credit
Semester
Prerequisite: Painting
Advanced Painting allows students to take a deeper look into the styles and history of painting. Students will develop a portfolio of work that reflects students' strengths and interests. Projects will require students to take a deeper look into the different styles of painting as a reference point and inspiration for their own work. Students will experiment and explore how to incorporate the elements and principles of art using various painting media such as watercolor, acrylic and oil painting.

## Ceramics (692)

Fee: \$25
$1 / 2$ Credit
Semester
Prerequisite: Intro to Art or teacher recommendation; Class size is limited; priority will be given to upper-classmen.
Encourages the innovation and progress of the clay medium. Students are exposed to methods that service both functional and sculptural creation.
Instruction focuses on work habits and self-criticism, as well as the development of an awareness of current and historic affairs in the field. Those students interested in the technical aspects of the medium are encouraged to aid in the use of the kilns and in the creation of clay bodies and glazes.
Advanced Ceramics (692A) Fee: $\$ 25 \quad 1 / 2$ Credit Semester

Prerequisite: Intro to Art or teacher recommendation; Class size is limited; priority will be given to upper-classmen.
Advanced Ceramics allows students to deepen their knowledge of clay based techniques. Students will develop a portfolio of work that reflects students' strengths and interests. Students may continue their interest in either hand building or wheel throwing techniques. Students will experiment with different clay and glazes. Students will learn how to fire kilns and how to fire different glazes at different temperatures.

Sculpture (693)
Fee: $\$ 25 \quad 1 / 2$ Credit
Semester
Prerequisite: Intro to Art or teacher recommendation or teacher recommendation
The area of sculpture embraces multiple interpretations of the medium, encouraging students to consider time, space and site when creating. The philosophy of the sculpture area is very broad based. Students investigate materials, processes and contexts that best suit their mode of expression. At all levels of instruction emphasis is placed on being able to communicate through three-dimensional form, utilizing the most appropriate methodology and material available. Students will work with plaster, wire ,cardboard, found objects, and paper.

Prerequisite: Intro to Art or teacher recommendation
These stained glass courses build a knowledge of basic techniques and design with an emphasis on developing a great understanding of art and application of the Elements of Art and Principles of Design. Students will create stained glass pieces while learning the process of designing and cutting out a pattern, cutting, grinding, and foiling glass, and also soldering and framing those pieces together to make a finished piece. Specific Projects will be assigned with an emphasis given to design and craftsmanship. Students will also keep a sketchbook where they will keep designs, ideas for projects, write down notes and do research on stained glass techniques, movements and artists.

## Advanced Stained Glass

Fee: \$60
½ Credit
Semester
Prerequisite: Stained Glass
Advanced Stained Glass builds upon prior knowledge, while developing creativity, craftsmanship, and design skills. Use of design elements and principles will be used while exploring new stained glass techniques. They will challenge themselves with more advanced patterns and ways to attach pieces. In addition, they will be learning how to stage their work for art shows. Students will be asked to keep a weekly sketchbook that will include notes on projects, designs for projects, and research on stained glass techniques, movements, and artists.

Advanced Portfolio (694)
Fee: \$60
1 Credit
Year-long
Prerequisite: Must be a Junior or Senior with at least 2 art credits.
Class is designed specifically for juniors and seniors who want to pursue a career or life-long involvement in art. Class is based on self exploration and growth in specific student related content. Students will spend the year creating 15-20 self guided pieces to submit in a professional college portfolio. Juniors will be required to visit a school of their choice to view an art field that they are interested in. Seniors are required to job shadow a professional art related field they are interested in pursuing.

## FINE ARTS - INSTRUMENTAL \& VOCAL MUSIC

## Band (982) Repeatable for credit Fee: \$10 1 Credit Year-long

Please note that Band practices begin in July and students are expected to attend all practices. Band is available to all students who have participated in a comprehensive band program either here at Crestview or at another school. Students who have not participated in band in the last year are required to have the instructor's written permission to take the class. Students electing to participate in band must understand that a certain amount of their summer vacation and after-school time is required to successfully complete this course.

Band at the high school level is composed of both marching and concert groups. Fundamental musicianship, ensemble skills, appreciation of the arts, and social growth are stressed in both of these performing ensembles. Students participating in band also have the opportunity to perform in a number of honor bands throughout the state as well as solo and ensemble competition, and many other performance opportunities.
While participation in both groups is required, exceptions may be made for varsity football players because of the direct conflict of schedules. This will not dismiss a student from all of the responsibilities of marching band, but will eliminate many of the obvious conflicts.
In order to drop this course, the Add/Drop form must be completed within the first five days of summer practice.

Choir is available to all students who are committed to the task. Students must complete the required audition. This is a performance class, and daily participation is essential. Performances are scheduled throughout the school year. A wide variety of choral literature will be introduced. Students must recognize that a fair amount of after-school and out-of-school time is necessary to successfully complete this course.
Jazz Band (983) Repeatable for credit $\quad 1 / 2$ Credit days/week, Year-long

Class meets 2 days per week, before 1 st period.
Jazz band is a performance based course focused on jazz, rock, and pop music. With the use of rhythm section and horns, students will learn the theory and style of music in the jazz idiom. Because this course meets prior to 1st period, students must understand that participation in Jazz band requires a high level of dedication and responsibility to pass the course successfully.

## Morning Choir (984) Repeatable for credit $1 / 2$ Credit 2 days/week, Year-long

Class meets 2 days per week, before 1 st period.
Morning Choir is a performance based course focused on advancing the students' level of singing. With the use of literature that is more challenging than the literature seen in the choir course, students should grow into a stronger, more confident vocalist. Because this course meets prior to 1st period, students must understand that participation in Morning Choir requires a high level of dedication and responsibility to pass the course successfully. Signature of the director is required for entry into the course.

Music History: Medieval to Romantic Periods (986) ½ Credit Semester
Music History: Medieval to Romantic Periods is a semester course for students in grades 9-12.
Students will learn the history, style, sound, instruments and development of music beginning with the Medieval Period, when music was first written down. The periods of music studied will be Medieval, Renaissance, Baroque, Classical and Romantic Periods, which is from the years 500-1850s. Students will look at ways music affects their daily lives and culture, as well as the way a culture affects the music within it. Offered every other year, alternating with the other Music History course.

Music History: 1900's to Today (985)
$1 / 2$ Credit
Semester
Music History: 1900 to Today is a semester course for students in grades 9-12.
Students will learn the history, style, sound and development of American Music such as Jazz, Broadway, Rock, and many others. Students will look at ways music affects their daily lives and culture, as well as the way a culture affects the music within it. Offered every other year, alternating with the other Music History course.

## Music Theory I (988)

$1 / 2$ Credit
Semester
Students will cover music notation, melody, rhythm, and how music is constructed. This course involves a large amount of music or song writing, and will require a number of projects throughout the semester. Methods employed include singing, melodic and rhythmic dictation, drill and practice, composition, etc. Offered every other year, alternating with Music Theory II.

## Music Theory II (989)

$1 / 2$ Credit Semester
Students will cover advanced music notation, melody, rhythm, and how music is constructed. This course involves a large amount of music or song writing, and will require a number of projects throughout the semester. Methods employed include singing, melodic and rhythmic dictation, drill and practice, composition, etc. Offered every other year, alternating with Music Theory I.

## INDUSTRIAL TECHNOLOGY CURRICULUM

Wood Technology (630)
Fee: $\$ 20+$ project material 1 Credit Year-long
Grades 9, 10, 11, 12
This course is designed as an introduction to the wood industry for students in the 9th through 12th grades. Students will learn proper safety practices, reading plans, developing materials lists, and getting acquainted with woodworking tools. Students will be introduced to many hand tools, and the many different species of lumber from the USA and around the world. Students will make several projects in the shop starting with two lathe projects and then a jewelry box. Emphasis will be focussed on safety and gradually working towards the skills to move onto the last project. The last project will be either an end table or a bench. Students will be required to pay for the materials needed for these last projects. This will vary according to what each student wants to use. Students will develop an understanding of and the terminology of woodworking, production methods, and machining processes used in the woodworking industry. This course should help students interested in vocational schools which use wood and woodworking equipment. This class is a requirement for students taking Adv. Woods I. Some materials must be purchased for projects. Safety goggles are required.

Advanced Wood Technology I (650)
Fee: \$20 + project material
1 Credit
Year-Iong
Wood Technology; Grades 10, 11, 12
Advanced Wood Technology I is presented to allow students to expand on skills begun in previous Wood classes. Specific emphasis is placed on learning by planning, designing, and constructing projects. This course will allow students to build that bigger project in their budget and work at a productive pace. Students are responsible for planning their project ideas. A materials list will be developed or copied from a magazine or website. Good work habits are recommended. All students must pay for all necessary materials being used in their final projects. If time permits students are encouraged to take advantage of their resources and make as many projects as possible.

Advanced Wood Technology II (660) Fee: \$20 + project material 1 Credit Year-long
Prerequisite: Teacher signature required; Grades 11, 12
Advanced Wood Technology II allows the student to further develop the skills learned in Advanced Wood Technology I through the planning, designing, and construction of more complex projects. This class also includes basic drafting concepts. The purchase of goggles is optional, but students must pay for the materials for all construction projects. Students will construct a project of hardwood, with three different kinds of jointer, raised panels and a hand cut dovetail. The project can be designed by the student or from pre-designed plans.

## Metal Technology (640)

Fee: \$20 + project material
1 Credit Year-long
This course is designed as an introduction to the metals industry for students in grades 9-12. Students will learn how different metals are produced and the different occupations that work in the metal industry. Emphasis on showing the skills necessary to work in these areas. Students will develop an understanding of the terminology of metalworking, production methods, machining processes, and heat treatment processes used in the metal working industry. This course should help students interested in vocational schools which use metals and metalworking equipment. Some materials must be purchased for projects. Safety goggles are required. Offered every other year, alternating with Drafting.

Drafting is the study of the use of drawing tools and the techniques of graphic communication in industry. The basic activities include such areas as the use of tools, sketching, multi-view drawing, dimensioning, pictorial drawing, sectioning, auxiliary views, and beginning architectural areas of drawing. Most of the class time will be spent working on drawing with each person expected to work at their own pace. This course should be helpful to students interested in vocational training, as well as those interested in engineering and architectural careers after high school. Offered every other year, alternating with Metal Technology.

## Home Repair and Maintenance (673)

½ Credit Semester
This is a valuable, hands-on, practical course for anyone who plans to own or rent a home. Students study the maintenance, repair and upkeep of the home and products associated with the home.

## DIGITAL MEDIA \& VISUAL DESIGN

Digital Media \& Visual Design courses are repeatable for credit.
Yearbook (286) 1 Credit Year-long

Built around the goal of creating the Crestview High School yearbook, this course focuses on photography, image editing, layout and design for final output through print and web production. Students learn to adjust resolution and exposure, modify color, compress data and format and manage files. Students will use problem-solving strategies and work collaboratively to complete the creative process with artists and printers to produce the high school yearbook. Yearbook is a great opportunity for students to express their creativity, have flexibility, attend CHS events and activities, and create memories for their fellow classmates.

## Video Production (285) Fee: \$20 1 Credit Year-long

This course focuses on video production for broadcast and commercial use. Students plan and coordinate work with clients to produce projects on a tight timeline. They learn how to read and interpret a script, select and maintain equipment and combine graphics, text and effects. They learn techniques to get professional interviews, create commercials and deliver informational and educational content. Skills attained include pre-production documentation and planning, in-production audio and video recording, and post-production editing and distribution.

## FOREIGN LANGUAGE CURRICULUM

While not a state requirement for graduation, many four-year colleges and universities require a minimum of two years of sequential world language study at the secondary level as an admissions requirement. This is the case in many in-state and out-of-state colleges and universities.


#### Abstract

Spanish I (430) 1 Credit Year-long


Spanish I students are expected to communicate at the novice-mid level according to the national ACTFL (American Council of the Teaching of Foreign Language) standards by the end of the year. Novice-mid can identify with phrases, combine words, express ideas with simple phrases and expressions in the present tense. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. They are expected to compare and contrast cultures embedded in the language program. Activities are based on authentic situations and have real meaning to the students using comprehensible input (CI). Input is the primary focus. Students will acquire the language by listening and reading to support their eventual output of writing and speaking. TPRS (Teaching Proficiency through Reading and Storytelling) is also used. Listening will be critical for success. This class will address the 5 Cs of the ACTFL National Standards: Communication, Connections, Culture, Comparisons, and Community.

## Spanish II (440)

Spanish II students are expected to communicate at the novice-high level according to the national ACTFL (American Council of the Teaching of Foreign Language) standards. Novice-high can describe with phrases and can identify with short sentences in the present time frame. Students will have a greater understanding of the past tense. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. They are expected to compare and contrast cultures embedded in the language program. Activities are based on authentic situations and have real meaning to the students using comprehensible input (CI). Input is the primary focus. Students will acquire the language by listening and reading to support their output of writing and speaking. TPRS (Teaching Proficiency through Reading and Storytelling) is also used. Listening will be critical for success. This class will address the 5 Cs of the ACTFL National Standards: Communication, Connections, Culture, Comparisons, and Community.

Spanish III students are expected to communicate at the intermediate-low level according to the national ACTFL standards. Intermediate-low can describe with sentences, use strings of sentences, and express their own thoughts in a single time frame. Students will communicate in present, past, and future tenses. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. They are expected to compare and contrast cultures embedded in the language program. Activities are based on authentic situations and have real meaning to the students using comprehensible input (CI). Input is the primary focus. Students will acquire the language by listening and reading to support their output of writing and speaking. TPRS (Teaching Proficiency through Reading and Storytelling) is also used. Listening will be critical for success. This class will address the 5 Cs of the ACTFL National Standards: Communication, Connections, Culture, Comparisons, and Community.

Spanish IV students are expected to communicate at the intermediate-mid level according to the national ACTFL standards. Intermediate-mid can describe with sentences, use strings of sentences, and express their own thoughts in multiple time frames. Students will communicate in present, past, future and subjunctive tenses. They can ask a variety of questions and make exchanges necessary for survival in the target culture. They will be using interpretive, interpersonal and presentational skills in the classroom for both practice and assessment. They are expected to compare and contrast cultures embedded in the language program. Activities are based on authentic situations and have real meaning to the students using comprehensible input (CI). Input is the primary focus. Students will acquire the language by listening and reading to support their output of writing and speaking. TPRS (Teaching Proficiency through Reading and Storytelling) is also used. Listening will be critical for success. This class will address the 5 Cs of the ACTFL National Standards: Communication, Connections, Culture, Comparisons, and Community.

## World Culture

Semester
Students will investigate, reflect on and explain the relationship between products, practices and perspectives of their own culture compared with other cultures around the world. They will interact with intercultural competence, using knowledge and understanding of native and other cultures.

## HEALTH AND PHYSICAL EDUCATION CURRICULUM

## Health (832)

Fee: \$3
1/2 Credit
Semester
Required by Grade 8 or 9
Health at Crestview High School will include the following areas: personal health, mental and emotional health, mental disorders, healthy and unhealthy relations, healthy and unhealthy foods, proper daily diet, decision making process and healthy choices, sexuality and current sexual issues, various abuses in relationships, O.T.C. drugs and prescription drug abuse including opiate and synthetic drug abuse, tobacco use, alcohol abuse and human trafficking. These areas will be discussed on how they affect us as individuals, as family, and on a community level. This class is offered in 8th grade. If a student has not satisfied the health credit requirement prior to enrolling as a freshman, it must be taken in high school.
$1 / 4$ Credit Semester
Required as a portion of 2 Semesters of P.E. Grades 9-12
Are you tired of paying too much to go lift weights at a crowded fitness center? Then this class is for you! Lift weights for free at school by taking this class! Learn how to safely and effectively develop your own strength training program. Students will be educated on proper technique and the importance of overload, progression, working opposite muscle groups equally, and working joints through their full range of motion. Students don't have to be "strong," or an "athlete" to take this class. Anyone can learn how to lift and improve overall strength and fitness, regardless of personal goals. Just like Planet Fitness, the Cougar weight room is a judgment free zone!
60 hours of physical activity is required to earn a Phys. Ed. credit. Therefore, students who are unable to participate in PE classes due to extended illness or injury (longer than 4 weeks) will be withdrawn from class and re-enrolled at a later time.

Want to learn how to stay fit throughout life, but lifting weights is not really your thing? Then this class is for you!! Learn how to enjoy recreational games/activities like cornhole, archery, bocce ball, pickleball, spikeball, and golf to name a few. In addition to those, we will incorporate a low intensity fitness program including walking/jogging, yoga/stretching, kettlebell, and body weight resistance exercises. Cardio exercise will be tracked using the Student Lap Tracker online fitness program!
60 hours of physical activity is required to earn a Phys. Ed. credit. Therefore, students who are unable to participate in PE classes due to extended illness or injury (longer than 4 weeks) will be withdrawn from class and re-enrolled at a later time.

## Physical Education Waiver (831)

## 0 Credit

A student who, during high school, has participated in interscholastic athletics, marching band or cheerleading for at least two full seasons is not required to complete any physical education courses as a condition to graduate. However, the student is required to complete $1 / 2$ credit, consisting of at least 60 hours of instruction, in another course of study.

In order to be eligible to graduate, a high school student who is excused from the physical education requirement must still complete instruction in $5 \frac{1}{2}$ electives.

Granting of this waiver becomes effective upon completion of the specified athletic seasons as approved by the band director, athletic or cheerleading coach and submission to the Guidance Office. Attendance at the season-end awards program is a mandatory requirement for the granting of this waiver.
A physical education waiver application must be completed and approved through the Guidance Office before the start of the school year.

## LIFE SKILLS ELECTIVES

Adulting - Journey into Life Beyond High School (290)
$1 ⁄ 2$ Credit Semester
Prerequisite: Grades 11, 12 or teacher recommendation.
Class may only be taken one time; not repeatable for credit.
Adulting is an upperclassmen-level course focused on the skills needed to be a successful adult. There are 4 pathways that a senior in high school may take: straight to college, straight to vocational education, straight to the military and straight to work. All students will create a portfolio based on their path. The portfolio will comprehensively include: A written four year plan beyond high school, interview documents and practice, career inventory and exploration, job-search documents, transcripts, scholarship essays, parenting/co-parenting simulation, personal finance and budgeting. This course will also have a component for basic adult skills and soft skills students will need to help them navigate life after high school such as making a doctor appointment, doing laundry, baking, planning a meal and following a recipe, etc. The outcome of this course will be a portfolio that students can take with them into the world and a plan beyond high school.
Adulting requires various writing and speech components that align to the English Language Arts State Standards. This course is an elective and does not count toward English graduation credit.

## Work Release/Internship Program

## Empowerment \& Mentorship: Building Stronger Communities

Year Long or Semester
(Juniors and Seniors can lead into the internship CEO Program)
The purpose of this program is to expose students to learning opportunities on the Crestview campus. Students will complete some online leadership modules in addition to being paired with a Crestview staff member to be their assistant. This may be in a classroom, cafeteria, office, or other area of interest to gain experience learning about that type of work while assisting the staff member with duties. This may take place in any of the buildings on campus throughout the school day. Students will be matched with an area and staff member willing to take on the assistant after meeting with the guidance counselor to determine an appropriate fit.

## Workforce Academy (Prerequisite to CEO program) ½ Credit Semester

Juniors looking to explore work based learning or internships during their senior year.
Can be used during a student's senior year to fulfill graduation requirements in relation to competency with approval from the guidance counselor.
This semester course is a combination of 11 on line modules, class participation and real world experiences. You will learn how to find competitive employment opportunities, build a resume and practice interviewing skills as well as how technology can be used to organize your personal habits to build a successful career. You will also participate in a pre-apprenticeship opportunity and be supported in moving forward with employment or internship opportunities.

## Career Exploration Opportunities (CEO Program) Up to 3 credits Year Long

## Senior only program

Crestview Local Schools recognizes the importance of relevant experiences in helping students to make informed decisions post graduation. Many students have fulfilled the majority of their graduation requirements by their senior year and may benefit from exercising the education option of earning flex credits through specified programs. The Career Exploration Opportunity is an option for a variety of reasons and may fit the need for many students looking beyond graduation. Two types of programming will fall under this course, internships and work-based learning. Students will determine which path best fits their desired outcome from the experience. Students can earn up to 3 credits ( $60 \mathrm{hrs}=0.5$ credit).
Additional credits are required for students and may be earned with CCP courses and/or in person courses offered at Crestview High School.

## ACADEMIC INTERVENTIONS

## GAP (Gaining Academic Progress)

GAP is a part of every student's schedule. GAP is a program to assist our students in reaching their fullest potential because "failure is not an option." While students are in GAP, they are working on intervention/enrichment activities or they have been requested by a teacher to make up an assignment.

## Interventions available through an IEP (Individualized Education Plan)

Crestview High School provides an opportunity for students with disabilities to receive instruction with supplemental aids and services according to their IEP. The IEP team works together to provide services and support to accommodate individual needs in the most appropriate and least restrictive environment with non-disabled peers. Academic intervention specialists collaborate with all teachers to provide appropriate instruction according to individual needs.Students with disabilities may receive supplementary aids and support through a continuum of services based on their IEP. Examples of instructional supports:

## Collaborative Services

Collaborative services are defined as direct specially designed instruction provided to an individual student with a disability or to a group of students with disabilities by a certified special education teacher in a general education classroom to aid the student(s) in accessing the general education cun-iculum. These services are provided simultaneously with the general education content area instruction.

## Pull-Out Services

Pull-Out services are defined as direct, specially designed instruction provided to an individual student with a disability or a group of students with disabilities by a certified special education teacher to provide supplementary instruction that cannot otherwise be provided during the student's regular instruction time. These services are provided in an individual or small group setting for a portion of the day. Pull-out services supplement the instruction provided in the general education classroom through Consulting Teacher services or Collaborative/Co-teaching services. The specially designed instruction provided in Pull-out settings does not supplant the instruction provided in the general education classroom.

## Intervention Academic Classes

Intervention Academic Classes are defined as direct specially designed instruction provided to an individual stu dent with a disability or a group of students with disabilities by a certified special education teacher which is tied to the general education curriculum, but has been modified to meet the unique needs of the student(s) in a self contained setting (including, but not limited to special classes, special schools, home instruction, and instruction in hospitals and institutions). This means the student is receiving his or her primary instruction separate from non-disabled peers.

