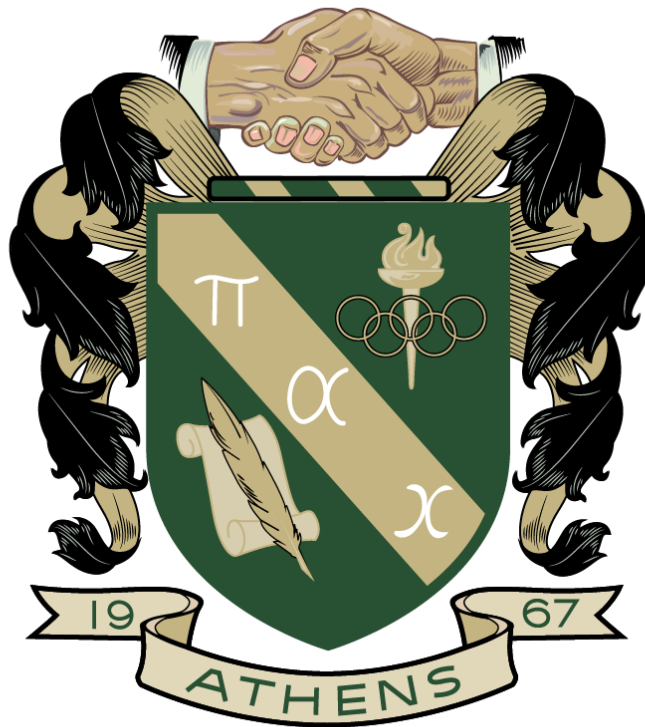


2025-2026 Athens High School Course Guide



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PREFACE

One of the most important premises upon which we base our philosophy at Athens High School is the individualization of instruction and learning. The school's course offerings are directed toward this goal. Opportunities for genuine interests will be available through independent study, mentorships, credit flexibility, or College Credit Plus (CC+).

The primary objective of this guide is to help each pupil at Athens High School find the subjects and levels best suited to them. Therefore, each student is strongly urged to examine critically and to become thoroughly familiar with its contents. The proper choice of curriculum and courses will constitute one of the most important tasks the student will undertake during high school. Serious reflective thinking now will bring meaningful experiences for the future.

It should be understood that this guide does not often provide a detailed course description, but it does suggest to the student the nature and content of each course. **Due to the early printing of this document for pre-registration purposes, some changes may occur after it has been distributed.**

REQUIREMENTS FOR GRADUATION

CREDIT REQUIREMENT
A total of 21 credits is required for graduation from Athens High School.
MINIMUM STUDENT LOAD
Every student must be scheduled with a basic program that will produce a total of five and one-half units of credit for the year. It is assumed that a student will carry at least five courses each semester.
MAXIMUM STUDENT LOAD
The maximum student load is likely to be determined by the mechanics of scheduling. Ordinarily, six or seven courses each semester is the most that can be worked into a schedule.

CREDIT REQUIREMENTS FOR GRADUATION BY SUBJECT

THE FOLLOWING UNITS OF CREDIT MUST BE EARNED FOR GRADUATION:		
SUBJECT	NO. OF UNITS	SEE NOTES (BELOW)
English	4	1
Social Studies	3	2
Mathematics	4	3
Health	½	4
Science	3	5
Physical Education	½	6
Arts and Humanities - Fine Arts	1	7
Electives	5	
Financial Literacy	½	8

NOTES

1. One unit of ELA 9, one unit of ELA 10, one unit of ELA 11, and one unit of ELA 12 will fulfill the four-year requirement. English electives may be taken any year, in addition to the regular English course.
2. One unit each of World History, American History, and United States Government are required for graduation. All students will start the course sequence in the 9th grade with World History; 10th - grade American History; and 11th grade - US Government.
3. One of the four required math units must be Algebra II or equivalent.
4. One-half unit of health science will be required of all students.
5. One of the three units must be an advanced science.
6. One-half unit of credit in physical education (two-semester courses 1/4 credit each) is a requirement of all students for graduation. It is recommended that students complete their physical education requirements in the 9th and 10th-grade years. Students graduating in 2010 and beyond may use 2 seasons of any sport, marching band, or cheerleading to fulfill this requirement. **A student must declare a desire to waive the PE requirement by submitting the [PE Waiver form](#) prior to the beginning of their first season. The athletic director/ band director will confirm completion of the PE waiver after the student successfully participates in a second season.**
7. Students can meet the one unit Fine Arts/Humanities requirement with selections of their own choice from the following list of courses:
 - a. Art - any course offered in this department
 - b. Music - Any course offered
 - c. Computer/Multimedia
 - d. Athens Middle School Fine Arts Courses will fulfill the requirement but students will not earn high school credit. In addition to this, this option does not fulfill the Diploma with Honors requirements.
8. Students beginning with the class of 2026 must take .5 credit of Financial Literacy as a stand-alone course/credit. It will count towards the 21 total credits for graduation.

STATE-MANDATED TESTING

Students will be required to meet the testing requirements set by the Ohio Department of Education [here](#).

COLLEGE & CAREER READINESS

Even though college admissions requirements vary greatly, a recommended minimum program would include: English - 4 years; World Language 2 or more years of the same language; Mathematics - Algebra I, Geometry, and Algebra II; Science - 3 years (one Biological, one Physical Science; and one Advanced Science elective); Social Studies - 3 years; Fine Arts - 1 year.

HONORS DIPLOMAS

To be awarded a diploma with honors, a student must complete the requirements for their graduating class set forth by the Ohio Department of Education listed [here](#).

INTRODUCTION TO COURSE LEVELS

At Athens High School each student will be given the opportunity to probe as deeply into a subject as time, talent, and motivation permit. To make such a program a reality, the vast majority of subjects necessary for graduation will be offered at several levels of difficulty. The student may select the level that will allow him or her the most educational value. The student's present teacher will carefully evaluate initial level selections.

The different levels are designed to promote student success. This is the basis for establishing a learning environment where the students can be themselves. The choice of each course level of difficulty should be made with the use of past grades, achievement test results, and teacher recommendations in mind.

GUIDELINES FOR COURSE SELECTIONS

Courses are designed to meet the needs of students at various academic levels. In addition to regular survey courses that are designed to prepare students for college and careers, Athens High School offers courses at high levels of rigor and expectations.

COLLEGE & CAREER READINESS (CCR)

These courses are designed for those students who plan to enroll in the workforce or a 2 or 4-year college or university immediately after graduation from high school. GPA points are calculated on a 4-point scale.

HONORS

These courses are designed for students who desire to study a subject in depth. Athens High School courses that are taught at the Honors level are considered more rigorous than standard CP courses and GPA points are calculated on a 4.5-point scale.

ACCELERATED/ADVANCED PLACEMENT (AP)

These courses are designed for capable students who are willing to accept the rigorous demands and challenges of a course at an advanced level. Accelerated and AP courses are taught at a college level and GPA points are calculated on a 5-point scale.

ITEMS TO CONSIDER WHEN CHOOSING COURSES

1. All elective courses (except World Languages at the Honors, Accelerated, or AP level) are based on a 4.00 grading scale.
2. In addition to selecting the most suitable level of difficulty, the student needs to be aware of any special requirements a course might have.
3. Some courses have certain prerequisites (requirements) which are noted in the course descriptions.
4. **Student responsibility**- it is the student's responsibility to be familiar with the scheduling policies and procedures contained in this guide and the student handbook and to see that all graduation and award requirements are met.

EDUCATIONAL OPTIONS

COLLEGE CREDIT PLUS (CC+)

The CC+ program is an opportunity where students can earn college credit while enrolled in high school. Students and their parents/guardians who plan to participate in the CC+ program must attend a state-recommended meeting in order to participate in the following academic year. At press time, the Ohio Department of Education has not distributed updates for the CC+ program to high schools or colleges; therefore, **it is imperative that students and their parents/guardians view this presentation. This presentation is available on the AHS Guidance Website. Individual meetings or make-up meetings will not be scheduled.** The application deadline for both Ohio University and Hocking College is **typically May 1**. The Letter of Intent to Participate is due **April 1**.

INDEPENDENT STUDY

An Independent Study Project must be initiated by a certified teacher at Athens High School and is only for subjects **not offered during the regular school day**. The Independent Study Program places the responsibility for learning on the student. Each individual will plan and carry out his or her own individualized project. The Independent Study Program emphasizes the individual's role in learning and their responsibility for the completion of the project. Successful completion of an independent study project will result in **credit being awarded to the student, but no letter grade will be assigned** and the project will not be calculated into the student's GPA. As no letter grade is awarded, Independent Study projects **WILL count as a Pass-Fail option** in a student's schedule. All requests for Independent Study should be made through the Guidance Office prior to the project and no credit will be given for the work after the fact. The deadline for submitting Independent study requests is **10 days** after the beginning of each semester.

CREDIT FLEXIBILITY

Athens City School District, in accordance with recent changes in Ohio law, has implemented a Credit Flexibility Plan. The intent of this plan is to encourage and allow students at all ranges of the performance spectrum to exercise learning opportunities beyond traditional seat time in the classroom. Parents who wish to explore this option should contact the district curriculum director and/pr the AHS principal for the complete policy requirements. Completed applications must be submitted to the high school principal **at least two weeks before the beginning of the semester (or summer) when the work is to be undertaken. Seniors cannot submit flex credit proposals after two weeks prior to the beginning of their senior year. Plans will not be accepted for work that has already been completed.**



TRI-COUNTY CAREER CENTER

Students have the option of attending Tri-County Career Center throughout their junior and senior years. Students remain Athens High School students, but are simply attending the Career Center! The diploma comes from Athens High School! All students have the opportunity to visit the Career Center in December of their sophomore year, and the application process can begin at that time.

At Tri-County, students receive intensive training in a selected program for half of the day. They also take academics for the remaining half of the day. All junior and senior academic courses required for graduation from Athens High School are offered at Tri-County, and various levels are offered to meet the needs of the students. Upon graduation, students are prepared to continue their education if desired, enter the skilled workforce, or enter the military.

To be accepted to Tri-County Career Center, students must have a total of 9 credits at the end of the sophomore year. These credits should include 2 English, 2 Math, 2 Science, 2 Social Studies, 1/2 Physical Education, and 1/2 Health. Students lacking academic credit will have make-up work to complete which might involve summer school, after-school, online coursework, and/or correspondence coursework.

PROGRAMS OF STUDY Visit the web page at http://tricountyhightech.com	
Auto Body	Firefighting/EMS
Auto Service Technology	HVAC/Plumbing
Building & Property Management	Hospitality Services
Digital Marketing & Graphic Design	Medical Professions
Construction Trades/Carpentry	Networking
Cosmetology	Nursing Technology
Criminal Justice/Law Enforcement	Power Line Technology
Culinary Arts	Retail/Office
Diesel/Ag Technology	Sport Journalism and News Media
Early Childhood Education	Sports Medicine
Electrical Trades	Welding Technology

GRADING SYSTEM/EVALUATION OF STUDENT GRADES

Evaluation of a student will always be done in relation to the level of the specific course or subject. Thus, an "A" in a regular or College Prep class is not the same as an "A" in an Honors class. It is necessary that we compute graduation class rank; this information is required for admission to most colleges and is requested or required by many prospective employers. In an effort to be fair to all students, a procedure has been established that will weigh all grades according to the level of a particular subject. Courses that are not marked Honors, Accelerated, or AP will be graded on a 4.0 scale in the evaluation of grades for the purpose of computing class rank.

WEIGHTING OF GRADES BY LEVEL					
POINT VALUES				GRADE SCALE	
MARK	AP/ACC/CC+	HONORS	REGULAR/CCR	PERCENTAGE	LETTER GRADE
A	5.00	4.50	4.00	93 - 100	A
A-	4.67	4.17	3.67	90 - 92	A-
B+	4.33	3.83	3.33	88 - 89	B+
B	4.00	3.50	3.00	83 - 87	B
B-	3.67	3.17	2.67	80 - 82	B-
C+	3.33	2.83	2.33	78 - 79	C+
C	3.00	2.50	2.00	73 - 77	C
C-	2.67	2.17	1.67	70 - 72	C-
D+	2.33	1.83	1.33	68 - 69	D+
D	2.00	1.50	1.00	63 - 67	D
D-	1.67	1.17	0.67	60 - 62	D-
F	0.00	0.00	0.00	0 - 59	F

PASS/FAIL OPTION

Students have the option of taking a maximum of two elective courses each semester on a “pass-fail” basis. Independent Study courses **WILL** count as part of the Pass/Fail maximum allowed. **Courses taken to satisfy a specific graduation requirement (for example core content courses) may not be taken on the pass/fail option.**

A student wishing to enter a course on a pass-fail basis must inform the instructor when they enter the class. The student must also complete a pass-fail Google form located on the AHS Guidance website within the **first fifteen days of the semester.**

The name of the course, its level, and a mark of “pass” or “fail” will appear on the student’s permanent record. No credit will be given for a failing mark. The “pass/fail” course will be counted toward class rank and GPA only if the course is failed. To receive a mark of “pass” and credit, the student **must achieve 70%** in the course and exhibit an effort for self-improvement. This is an individual, student decision and could impact a student’s cumulative GPA positively or negatively.

SCHOOL COUNSELING SERVICES

SCHOOL COUNSELING SERVICES

School Counseling services are available for all students to help them make decisions concerning courses in high school, personal issues, and vocational and educational plans beyond high school. Aside from planned programs, school counselors are available for personal conferences during the school day to help with:

1. Personal Concerns
2. Change in levels or other course adjustments
3. Information regarding colleges (selecting a college, admissions/admission tests, and financial aid applications)
4. Career plans (choosing a vocation or post-high school training)
5. Test results (interpretation of test scores and their significance)
6. Military information regarding various services and military academies
7. Orientation of students to the school and the curriculum
8. Acquainting students with their school-record folders to review credits, etc.
9. Advanced Placement examinations are offered each May in the subjects taught at the AP level in Athens High School through an arrangement with the College Board. College credit or advanced standing may be granted later for successful completion of these tests while in high school. Ordinarily, Accelerated level work is needed to best prepare for AP exams. However, some students have been well prepared by taking Honors classes or by studying independently.
10. Summer School - Each year (pending school board approval) summer school make-up classes **may** be offered. These classes are for credit recovery purposes only. There may be a fee charged for each class.

DESCRIPTION OF SPECIFIC COURSES

In the following pages, the Athens High School courses that are available to ninth through twelfth graders are profiled and described. **Prerequisites or special conditions of the courses follow each course description and are in bold type. Please note that not all courses may be offered every year. Some offerings are dependent on available resources and student interest.**

ARTS: VISUAL AND PERFORMING

VISUAL ARTS

BEGINNING DRAWING AND PAINTING - 7010	SEMESTER	0.5 CREDIT
<p>Students will be introduced and provided opportunities to explore drawing, painting, and printmaking techniques including digital art through the study of artists' ideas and styles. This primarily skill-building course focuses on developing perception and observation skills using various drawing, painting, printmaking, and mixed-media, including still life, portraiture, color pencil, ink, acrylics, watercolor, charcoal, pastels, lino prints, and monoprints.</p>		
INTERMEDIATE DRAWING AND PAINT - 7020	SEMESTER	0.5 CREDIT
<p>This two-dimensional course builds on concepts and skills taught in Beginning Drawing and Painting. It includes the historical study and creation of drawing, painting, printmaking, and mixed media artworks including digital art with an emphasis on color theory. Students will continue learning advanced techniques for communicating through the manipulation of various materials. Large-scale acrylics, charcoal reduction, watercolor, reduction printing, and collage. Emphasis is on advanced work in the media and the development of a personal, creative voice and opportunity for larger-scale work. Prerequisite: Beginning Drawing and Painting. This course may be repeated.</p>		
AP DRAWING PORTFOLIO - 7040	FULL YEAR	1 CREDIT
<p>The AP College Board Drawing Portfolio Course is a drawing, painting, and printmaking class corresponding to college and university foundations courses. Students create a portfolio of work to demonstrate inquiry and development of materials, processes, and ideas over the course of a year. As in introductory college courses, students should expect to work inside and outside the classroom and beyond scheduled periods. Homework, such as maintaining a sketchbook or a journal, should support the depth of learning expected of AP students. Portfolios include works of art, process documentation, and written information about the work presented. In May, students submit these portfolios as the examination and are based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.</p>		
BEGINNING CERAMICS - 7011	SEMESTER	0.5 CREDIT
<p>Students will explore the basics of ceramic hand-building techniques to create functional, sculptural, and mixed-media artworks. Students will learn slab, coil, and pinch methods of construction and learn about art history as it relates to ceramics. Students may work with clay, plaster, paper, cardboard, foam board, metal, and printmaking processes. A package of wet wipes and a large Ziplock baggie will be needed from home.</p>		
INTERMEDIATE CERAMICS - 7021	SEMESTER	0.5 CREDIT
<p>This ceramics course builds on concepts and skills taught in Beginning Ceramics. Students will explore methods of creating functional pottery and sculptural ceramics, narrative in clay, and printmaking for ceramicists. Students will use both hand-building techniques and work toward mastering the pottery wheel with a focus on exploring texture, form, and additions. There will be opportunities for larger-scale work and advanced study in a particular technique. Advanced glazing techniques, casting clay, transfers, mold making and alternative surface decoration will be covered. A package of wet wipes and a large Ziplock baggie will be needed from home. Prerequisite: Beginning Drawing and Painting. This course may be repeated.</p>		

HONORS CERAMICS PORTFOLIO - 7051	FULL YEAR	1 CREDIT
<p>This class is designed for the dedicated art student who is interested in advanced concepts in sculpture, and ceramics. Projects are designed to help students develop a cohesive body of work based on the evolution of their ideas, thoughts, and concepts. This course focuses on developing an ongoing collection of quality artworks in a portfolio that demonstrates the student's mastery using a variety of materials, their understanding of form, and their skills learned in previous levels. *This class will help build a required portfolio for admissions to some art programs beyond high school. This course must be taken with the teacher's permission and may be repeated.</p>		

INSTRUMENTAL MUSIC

JAZZ IMPROVISATION - 7360	SEMESTER	0.5 CREDIT
<p>This course develops skills in the performance of jazz styles in combos and/or larger groups, with an emphasis on improvisation and articulation as they apply to these styles. The performance medium includes saxes, trumpets, trombones, keyboards, drum set, guitar, and electric bass. Students who play instruments other than those listed must have permission from the instructor to enroll.</p>		
MARCHING BAND - 7321	SEMESTER	0.5 CREDIT
<p>Marching Band is offered beginning with pre-camp and band camp in late July and early August, and is rehearsed after school three days a week throughout the football season. Students perform at football games, selected parades and competitions throughout the fall. In addition to winds and percussion, students may audition for the color guard (flag line) in the spring prior to the upcoming marching season. All wind and percussion members of the marching band must be enrolled in the Concert Band (7301/7302) during the school day unless there is an unavoidable class conflict. All rehearsals and performances are mandatory.</p>		
MUSIC TECHNOLOGY - 7500	SEMESTER	0.5 CREDIT
<p>Music Technology is a one-semester, half credit elective course that provides an opportunity for student musicians to develop musical and technical skills with digital audio. Music Technology does not require a prerequisite, although a basic knowledge of written notation and musical terminology is recommended. The course will provide students with real-world applications of technologies currently used in the music industry. Students will develop techniques of notation reading, listening skills, audio recording, editing, and mixing/mastering using a variety of music technology resources and musical styles. Instruction will be a combination of lectures, hands-on exploration and creating, guided individual and group projects, and supplemental reading assignments.</p>		
MUSIC THEORY - 7380	SEMESTER	0.5 CREDIT
<p>This course develops a basic knowledge of music compositional techniques. The major emphasis is on pitch relationships in major and minor keys, chord progressions, voice and instrument note assignments, and the use of non-chord tones, with ear training included. The course will culminate in the student composing an original work, utilizing their theoretical knowledge. This course is offered to students who are able to read at least one clef (treble or bass) of music with fluency.</p>		

ORCHESTRA - 7330/7331	FULL YEAR	1 CREDIT
Orchestra is offered for any student who would like to develop musical skills on an orchestral stringed instrument (violin, viola, cello, or bass). This class is offered during the semester, but full-year participation is welcomed and encouraged. Attention is given to developing technique, ensemble, and musicianship skills as well as basic music reading, ear training, and theory skills. Ensemble skills are developed and participation in concerts outside of school is required and graded.		
SYMPHONIC BAND - 7301/7302	FULL YEAR	1 CREDIT
Concert Band is a yearlong course that stresses both ensemble and individual skills development. Students will take part in five or more performances during the school year; including three school concerts, a district contest in March, a possible state contest in late April/early May, and graduation. In addition, students are encouraged to participate in solo and ensemble adjudication to improve their individual playing skill level. Some mandatory after-school rehearsals may be needed to prepare for performances. All rehearsals and performances are mandatory. Students that would like the opportunity to participate in the jazz band, solo and ensemble, and honor bands must be enrolled in the concert band. Students are expected to commit for a full academic year. Students must have participated in band at the Middle School level or receive the permission of the instructor to take this class.		

VOCAL MUSIC

MIXED CHORUS - 7400	SEMESTER	0.5 CREDIT
Mixed chorus is offered for any student who would like to develop vocal, choral, and musical skills. This class is offered by the *semester, but full-year participation is welcomed and encouraged. Attention is given to developing vocal and choral skills as well as basic music reading, ear training, sight-singing, and theory skills. Ensemble skills are developed and participation in concerts outside of school is required and graded. *This course can be repeated.		
SYMPHONIC CHOIR - 7421/7422	FULL YEAR	1 CREDIT
Symphonic choir is an advanced choral ensemble, and students must successfully complete an audition to be admitted. Students will develop more advanced vocal, choral and musical skills, including theory, sight-singing, and ear training, as well as performing more challenging music in a variety of styles, settings, and languages. Performances are more frequent and extensive, and participation in all concerts is required and graded. Students are expected to commit to a full academic year. Teacher permission and audition are required.		

ENGLISH

English classes will address the Learning Standards for English Language Arts that define high expectations for students to become effective communicators. Students are required to take first and second-semester English courses. Teachers will present individualized course expectations and requirements to students during the first week of class.

ENGLISH LANGUAGE ARTS 9 · COLLEGE & CAREER READINESS - 1061/1062	FULL YEAR	1 CREDIT
This course focuses on the English language skills of reading and writing. It is a class geared to prepare students for two and four-year college curricula. Students will read novels, dramas, poetry, and literary nonfiction in class as well as independently outside of class. Students write for varied audiences and purposes and work to develop ideas, voice, word choice, fluency, and organization in		

their writing while applying conventions of the English language and formal MLA style. Students are required to complete a research paper and/or project. Students should expect regular reading and writing assignments outside of class. **“B” or higher in 8th grade Honors English preferred.**

ENGLISH LANGUAGE ARTS 9 · HONORS - 1081/1082	FULL YEAR	1 CREDIT
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This course focuses on the advanced English language skills of reading, writing, speaking and listening. Students perform an array of strategies as they deepen their understanding of various texts while reading critically. Students write for varied audiences and purposes and work to develop ideas, voice, word choice, fluency, and organization in their writing while applying conventions of the English language. Students are required to complete a research paper and/or project. Students will access supplemental readings and resources outside the classroom. Students should expect frequent reading and writing assignments outside of class. **“B” or higher in 8th grade Honors English preferred.**

ENGLISH LANGUAGE ARTS 10 · COLLEGE & CAREER READINESS - 1121/1122	FULL YEAR	1 CREDIT
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This course explores world literature to emphasize the continuing development of essential English language skills of reading, writing, speaking, and listening to continue to build a foundation for student success in college. Included in the study are the identification of literary themes and forms, the use of critical reading strategies, and development of speaking/listening skills. Students write for varied audiences and purposes and work to apply ideas, voice, word choice, fluency, organization, and conventions in their writing. Students are required to complete a research paper and/or project. Instruction in such skills is accommodated to meet the varying needs of students at different levels with emphasis on preparation for the End of Course Exam.

ENGLISH LANGUAGE ARTS 10 · HONORS - 1141/1142	FULL YEAR	1 CREDIT
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This course explores world literature to emphasize the advanced English language skills of reading, writing, speaking, and listening to continue to build a foundation for student success in college. Included in the study are the identification of literary themes and forms, the use of critical reading strategies, and the development of speaking/listening skills. Students write for varied audiences and purposes and work to apply ideas, voice, word choice, fluency, organization, and conventions in their writing. Students are required to complete a research paper and/or project. Students will access supplemental readings and resources outside the classroom. Students should expect frequent reading and writing assignments outside class and be willing to meet the challenges of reading and responding to texts of varying difficulty and genres. **Teacher recommendation preferred.**

ENGLISH LANGUAGE ARTS 11 · COLLEGE & CAREER READINESS - 1201/1202	FULL YEAR	1 CREDIT
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This course emphasizes development in composition and reading in preparation for both college and career applications. The course provides an overview of American literature. Students will examine classic and multiethnic selections that represent this country’s history and culture. Selections include poetry, drama, fiction, literary nonfiction, and informational texts. As students read, they focus on comprehension, analysis, and evaluation. As they write for varied audiences and purposes, students work to develop their ideas and understand and apply voice, word choice, fluency, logical organization of material, and appropriate conventions of language. Students are required to complete a research paper or project.

ENGLISH LANGUAGE ARTS 11 · HONORS - 1221/1222	FULL YEAR	1 CREDIT
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This course emphasizes composition and reading in preparation for college-level coursework. The course provides an in-depth look at American literature. Students will examine classic and multiethnic selections that represent this country’s history and culture. Selections include poetry, drama, fiction, literary nonfiction, and informational texts. As students read, they focus on comprehension, analysis, and evaluation. As they write for varied audiences and purposes, students develop their ideas and

understand and apply voice, word choice, fluency, logical organization of material, and appropriate conventions of language. Students are required to complete a research paper. Students will access supplemental readings and resources outside the classroom. Students should expect frequent reading and writing assignments outside of class. **Teacher recommendation preferred.**

ELA 11 · ADVANCED PLACEMENT (AP) · LANGUAGE AND COMPOSITION - 1241/1242	FULL YEAR	1 CREDIT
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Junior AP Language and Composition is designed to be a college/university level course that provides students with intellectual challenges and a workload commensurate with the rigors required to do well on the AP exam and potentially earn college credit. Although this course is primarily focused on rhetoric and writing, students will also read critically and intensively in the genres and periods of American literature. Students will be assessed in a variety of activities, which may include but are not limited to participation in Socratic seminars, application of critical lenses, focus on independent study, and use of multimedia presentations. Multiple papers and projects that require independent research can be expected in this course. Students registering for this course must be committed to a rigorous course of study, including summer reading and writing. Taking the AP exam in the spring is highly encouraged. This course is based on the standards set forth by The College Board. **“B” or better in Sophomore Honors English preferred.**

ENGLISH LANGUAGE ARTS 12 · COLLEGE & CAREER READINESS - 1361/1362	FULL YEAR	1 CREDIT
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This course emphasizes sophisticated attainment in composition, critical reading, and oral presentation skills in preparation for college-level coursework. The course provides an overview of British literature. Students will examine classic and contemporary literature that represents this country’s history and culture. Selections include poetry, drama, fiction, literary nonfiction, and informational texts. As students read, they focus on analysis and evaluation. As they write for varied audiences and purposes, students will develop their ideas and understand and apply voice, word choice, fluency, logical organization of material, and appropriate conventions of language. Students are required to complete a research paper.

ENGLISH LANGUAGE ARTS 12 · HONORS - 1381/1382	FULL YEAR	1 CREDIT
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This course emphasizes composition and reading in preparation for college-level coursework. The course provides an in-depth look at British literature. Students examine classic and multiethnic selections that represent this country’s history and culture. Selections include poetry, drama, fiction, literary nonfiction, and informational texts. As students read, they focus on comprehension, analysis, and evaluation. As they write for varied audiences and purposes, students develop their ideas and understand and apply voice, word choice, fluency, logical organization of material, and appropriate conventions of language. Students are required to complete a research paper. Students will access supplemental readings and resources outside the classroom. Students should expect frequent reading and writing assignments outside of class. **Teacher recommendation preferred.**

ELA 12 · ADVANCED PLACEMENT · LITERATURE AND COMPOSITION - 1401/ 1402	FULL YEAR	1 CREDIT
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Senior AP English Literature and Composition is designed to be a college/university-level course that provides students with intellectual challenges and a workload commensurate with the rigors required to do well on the AP exam. Students will be assessed in a variety of activities, which may include but are not limited to participation in Socratic seminars, application of critical lenses, focus on independent study, and use of multimedia presentations. Students will engage in reflective writing, informative writing, and evaluative writing; the essence of scholarship in this class is the combination of all three approaches. Students read critically and intensively in the genres and periods of British literature. Multiple papers and projects that require independent research can be expected in this course. Students registering for this course must be committed to a rigorous course of study, including summer

reading and writing. Taking the AP exam in the spring is highly encouraged. **“B” or better in Junior Honors or AP English preferred.**

ENGLISH COMPOSITION I · CC+ - ENGL 1510	SEMESTER	1 CREDIT
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Effective communication is a critical skill to learn for success in life, academics, and careers. In this college-level introductory writing course, students will develop skills in drafting, analyzing and revising their writing. Students will learn and utilize various skills of writing in areas of rhetorical knowledge and critical reasoning. Additionally, students will read and analyze the work of professional writers, students, and other writers. The goal of the course is for students to develop their writing skills and be equipped to apply those skills to a variety of contexts in college and careers. **Students must be eligible for the CC+ program to take this course.**

ENGLISH COMPOSITION II · CC+ - ENGL 1520	SEMESTER	1 CREDIT
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This course builds on English 1510, the prerequisite for English 1510. Students will continue to develop skills in writing and analysis, with a focus on analyzing and writing argumentative and expository texts for a variety of audiences. Students will conduct research, evaluate information from multiple perspectives, and write effective, research-based arguments.

Prerequisite: English Composition I OR equivalent (ENG 1510, etc.). Students must have an accumulative GPA of 3.0 or higher in order to take the class for CC+ credit.

ENGLISH ELECTIVES

CREATIVE WRITING - 1320	SEMESTER	0.5 CREDIT
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Creative writing offers participants numerous and varied opportunities for writing poetry, fiction, nonfiction and short drama. Acting as a community of writers, students will support their classmates' efforts and provide constructive feedback about their writing. While the course focus is on the writing process, students will showcase their work on personal blogs, on the school website, and/or at public readings. Opportunities for publishing to a wider audience and for entering writing contests abound.

INTERVENTION ENGLISH - 1541/1542	SEMESTER	0.5 CREDIT
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This course is designed for struggling readers. It aims to equip students with the tools to become more competent readers as well as various reading comprehension strategies. Students will practice reading daily, using high-interest, ability-leveled, current novels. Students will practice writing skills using class literature and will engage in an ongoing dialogue about the reading and writing that emerges from the class. **Teacher recommendation or permission only.**

JOURNALISM / ARENA / YEARBOOK - 1281/1282	FULL YEAR	1 CREDIT
<p>Arena is a lab where students plan, design, and create the school's yearbook. Assigned projects/layouts must be completed by specific dates in order to earn a passing grade in this class. Students are asked to attend/ cover after-school events such as sporting events, drama events, concerts, club meetings and dances. In addition, students must report back to Arena in the summer until the book is finished. There are many different facets of Arena: photography, photo editing, layout and page design, copywriting, design, special projects and editing. Each student has different strengths. We try to utilize the strengths of our staff members to compose a balanced team. To be admitted to Arena, students must complete an application packet and supply three recommendations from high school teachers. Please note that submitting an application does not guarantee acceptance into the program. Students are chosen based on GPA, attendance, application strength, recommendations, and number of applicants. Arena is a pass/fail class. Instructor permission and application process required.</p>		
JOURNALISM / MATRIX / NEWSPAPER - 2161/1262	FULL YEAR	1 CREDIT
<p>This course is divided into four major areas: 1) press and First Amendment law and regulations for the professional and scholastic environment; 2) Specialized writing in journalistic styles including leads, news, features, headlines, editorials, reviews, and copy editing using Associated Press style; 3) Layout and graphic design; 4) Practical application with emphasis on photographic skills, the sale of advertising, and publication of the co-curricular paper, Matrix. After-school work may be necessary. Travel to journalistic conferences around the country may be available.</p>		
MEDIA STUDIES I - 7013	SEMESTER	0.5 CREDIT
<p>This course provides students with a critical understanding of various media forms like film, television, print, and digital media, enabling them to analyze how these platforms construct messages, influence audiences, and reflect societal issues, while also developing practical skills in media production through projects like video editing, photography, and graphic design.</p>		
PUBLIC SPEAKING - 1290	SEMESTER	0.5 CREDIT
<p>Public speaking offers participants the opportunity to learn and practice a variety of types of speaking skills including impromptu, persuasive, expository, and informative. Students will practice both speaking and listening skills and work together to provide peers with constructive feedback regarding their speaking activities. This course also integrates the writing process, asking students to write various types of speeches and revise them based on feedback from both the instructor and peers. Prerequisite: Open to 10TH-12TH grade students only</p>		

FINANCIAL LITERACY

FINANCIAL LITERACY - 4366	SEMESTER	0.5 CREDIT
<p>The Financial Literacy course will help students learn real-world financial skills they can use for the rest of their lives. The class is taught with "real life" examples, and many hands-on activities. Students will research career options to find a job that is well suited to their specific needs and skills. They will examine banking options, and learn to correctly use credit (credit cards, student loans, auto loans, mortgages, etc) and build strong credit scores early in life. Students will learn specific strategies on how to grow their wealth through investing and sound budgeting, and also how to use insurance and awareness to limit major financial pitfalls in life. General principles of economics and</p>		

market principles will be introduced as required by state standards to help students understand baseline principles of the economy in which they will live and work after high school. This course is required for the Class of 2026 and beyond. **Prerequisite: Open to 11th and 12th grade students only.**

PRINCIPLES OF MACROECONOMICS · CC+ - ECON 2120	SEMESTER	1 CREDIT
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Macroeconomics is an advanced course in how institutions and large players impact the United States economy. The class will study national income, inflation, unemployment, fiscal policy, the role of banks within the economy, the Federal Reserve and monetary policy. In addition, this course will also fulfill the Personal Finance material required for graduation within the state of Ohio. Topics will include choices we make in regards to income and employment, key banking principles, tax policy, credit and loan decisions, long-term investment strategies, and the role of insurance in establishing financial security. This course will be taught as a college-level course in regards to material studied as well as instructional methods. **Students must have an accumulative GPA of 3.0 or higher in order to take the class for CC+ credit.**

HEALTH & PHYSICAL EDUCATION

HEALTH

HEALTH SCIENCE - COLLEGE & CAREER READINESS - 3400	FULL YEAR	1 CREDIT
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This course satisfies the necessities of the learner who has definite goals in life. Incorporated in Health Science are units on Smoking, Alcohol, Drug Abuse, Human Sexuality, Mental Health, Communicable Diseases, Nutrition, and Bullying. It is essential that this level encompasses in some detail functions of the body, both normal and abnormal, which concern each unit. The importance of proper treatment of the body as the key to general well-being cannot be overlooked. A class such as this can go into greater detail concerning the problem of dating, the role of maturing, and the vital responsibilities that come with this maturation.

SPORTS MEDICINE · COLLEGE & CAREER READINESS - 3430	FULL YEAR	1 CREDIT
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This course provides high school students with a general overview of athletic training, sports medicine, and its history. It includes introductory information about the athletic trainer's scope of practice: injury prevention, treatment, rehabilitation, emergency injury management, and administrative functions. This course is intended to help students gain knowledge of sports medicine, various associated disciplines, and the role they play in the physically active community. Students will be given the opportunity to be certified in CPR and basic First Aid through the American Heart Association.

PHYSICAL EDUCATION

Two courses in the Physical Education category are required for graduation from Athens High School. Students must take one course with an "I" in the title and another with a "II" in the title. Only one Physical Education class may be taken per semester. All classes will incorporate the State Content Standards and evaluation instruments within them. The progression of courses (I&II) should be completed in order. A student may fulfill this requirement during his/her freshman and sophomore years through the following classes:

AEROBICS I & II - 3480 Aer. I 3481 Aer. II	SEMESTER	0.5 CREDIT
This is a fitness-based class focusing on achieving and maintaining a health-enhancing level of physical fitness. This will be done by participating in programs like <i>p90X</i> , <i>Insanity</i> , and <i>T25</i> . You will track your measurements throughout the semester.		
GENERAL PHYSICAL EDUCATION I & II - 3440 General Phys. Ed. I 3441 General Phys. Ed. II	SEMESTER	0.5 CREDIT
This course will present students with the opportunity to build efficient skills in individual and dual activities with an emphasis on team sports. Introduction to strategy and theory involved in activities will be covered. Two days a week students will focus on improving physical fitness. Involving exposure to a variety of lifetime sports, this course will give each student a sound basis for continuing interest and participation.		
STRENGTH DEVELOPMENT AND CONDITIONING I & II - 3460 Str. & Cond. I 3461 Str. & Cond. II	SEMESTER	0.5 CREDIT
The principles of a variety of exercise programs (weight training, circuit training, running, etc.) will be presented. Each program will be followed by class members for several weeks to meet individual needs.		

Students who have completed the STATE PE REQUIREMENT or FILLED OUT AND TURNED IN THE PE WAIVER FORM may participate in the following classes for zero credit:

ADVANCED · STRENGTH AND CONDITIONING - 3462	SEMESTER	NO CREDIT
The student must have a B average in a prior Aerobics, Physical education, or Strength and conditioning class. The student must have met all six state standards in physical education. Understanding "Advanced Strength and Conditioning" requires an accelerated level of participation and effort with an emphasis on expanding fitness levels through an intense strength and conditioning program involving weight training, agility work, running, and other full-body aerobic and training activities.		
ADVANCED AEROBICS - 3482	SEMESTER	NO CREDIT
This is a fitness-based class focusing on achieving and maintaining a health-enhancing level of physical fitness. This will be done by participating in programs like p90X, Insanity, and T25. You will track your measurements throughout the Semester.		
ADVANCED PHYSICAL EDUCATION - 3442	SEMESTER	NO CREDIT
This course will present students with the opportunity to build efficient skills in individual and dual activities with an emphasis on team sports. Introduction to strategy and theory involved in activities will be covered. Two days a week students will focus on improving physical fitness. Involving exposure to a variety of lifetime sports, this course will give each student a sound basis for continuing interest and participation.		
ATHLETICS STRENGTH AND CONDITIONING - 3500, 3501	SEMESTER	NO CREDIT
Athletics strength and conditioning is intended for students who are interested in sport-specific high-intensity exercise. Students and teachers will focus on Olympic lifts along with auxiliary strength exercises that support the Olympic lifts. Students should be prepared to engage in vigorous exercise, including weight lifting, agility work, running, and other full-body aerobic and anaerobic activities.		

INDUSTRIAL TECHNOLOGY

INDUSTRIAL TECHNOLOGY - 6360	SEMESTER	0.5 CREDIT
<p>Students will be given an introduction to three systems of industrial technology:</p> <ol style="list-style-type: none"> 1. Construction: a study of materials, equipment, and processes of construction with an emphasis on woodworking and carpentry. 2. Communications: a study of technology communications and graphic communications of the twenty-first century with an emphasis on drafting. This course is recommended for freshmen but could be beneficial to any student wishing a well-rounded education. 3. Production and Manufacturing: a study of production and manufacturing methods used in the twenty-first century. Students study production flow, lead times, quality control, inventory control, and research and development. Students also study industrial technology as it relates to a global economy. 4. Students will also study the industrial age in contrast to today's technology age. 		
WOODWORKING TECHNOLOGY - 6380	SEMESTER	0.5 CREDIT
<p>This is an introductory course in woodworking. The objective of the course is to acquaint the student with the materials, processes, building methods, and equipment used in the wood laboratory. The course stresses the safety and operation of woodworking equipment and will center on the construction of required projects selected by the instructor. Students will learn the fine art of woodworking and furniture making as well as carpentry skills.</p>		
SMALL ENGINES - 6440	SEMESTER	0.5 CREDIT
<p>Students will have the opportunity to investigate the theory of operation of small two and four-cycle gasoline engines including servicing and repairing and a general understanding of their system functions. Students may bring small engines that are in need of service and repair from home. (Briggs and Stratton preferred). Students will learn small business operations by offering an 8-point tune-up service for lawnmowers. Students will also learn welding and metal fabrication as it applies to small engine applications. Students will learn the skills needed to restore old machinery to "like new" condition.</p>		
ENGINEERING DRAFTING AND DESIGN - 6400	SEMESTER	0.5 CREDIT
<p>Students will gain knowledge and skills in a variety of mechanical drawing methods. Coursework will include areas such as orthographic projection, isometrics, sectioning, dimensioning, and pictorial drawings. Students are required to develop a portfolio of their work. The drawing problems will challenge the students' comprehension and skill. Students will design, draw, and engineer parts through the use of the wood shop lab.</p>		
ARCHITECTURAL DRAFTING - 6420	SEMESTER	0.5 CREDIT
<p>Students will study current and common practices used to develop a complete set of working drawings used for residential and light commercial buildings. Students will gain knowledge and skills in blueprint reading and working drawings. Students will learn about architectural scale model building that is used by today's architectural firms to present designs to potential clients. Practical approaches to problem-solving will be studied.</p>		

INTERVENTION

PHONICS AND DECODING / LITERACY LAB I, II, AND III - 1031/1032	FULL YEAR	1 CREDIT
<p>Phonics and Decoding/ Literacy Lab is a structured, research-based course designed to strengthen foundational reading skills for high school students. Using systematic, direct, and explicit instruction, students will develop proficiency in phonology (sounds), morphology (word structure), vocabulary, and fluency through repeated practice and repetition with teacher feedback. Instruction will include practice decoding and encoding multisyllabic words, including syllabication. Through structured literacy routines and multi-sensory instruction, students will build the essential skills needed for academic success and lifelong literacy. Teacher recommendation or approval required.</p>		
RESOURCE ROOM ENGLISH 9/10 - 8021(f)/8022(f) 9th 8021(s)/8022(s) 10th	FULL YEAR	1 CREDIT
<p>This course is a grade-level course in a resource room that is grade-banded over two years on the fundamental English language skills of reading and writing. It is geared toward students looking at Tri-County Career Center, at careers immediately after high school, the military, or for students pursuing one or two-year skills certifications. Students will refine their reading comprehension skills through the study of various fictional and nonfictional texts. The course will follow the English Common Core state standards for 9th and 10th grades. Students will write for varied audiences and purposes and work to develop ideas, voice, word choice, fluency, and organization in their writing while applying conventions of the English language. A specific focus is placed on students working on and achieving their IEP goals. Students are placed in this course due to teacher recommendation and in accordance with their IEP. Students are placed in this course due to teacher recommendations only and in accordance with their IEP.</p>		
RESOURCE ROOM ENGLISH 11/12 - 8031(j)/8032(j) 11th 8031(s)/8032(s) 12th	FULL YEAR	1 CREDIT
<p>This course is a grade-level course in a resource room that is grade banded over two years on the fundamental English language skills of reading and writing. It is geared towards students looking at careers immediately after high school, the military, or for students pursuing one or two-year skills certifications. The course will follow the English common core state standards for 11th and 12th grade. Students will refine their reading comprehension skills through the study of various fictional and nonfictional texts. Students will write for varied audiences and purposes and work to develop ideas, voice, word choice, fluency, and organization in their writing while applying conventions of the English language. A specific focus is placed on students working on and achieving their IEP goals. Students are placed in this course due to teacher recommendations and in accordance with their IEP. Students are placed in this course due to teacher recommendations only and in accordance with their IEP.</p>		
RESOURCE ROOM BIOLOGY - 8201/8202	FULL YEAR	1 CREDIT
<p>Students in the 10th grade will enroll in Biology. This course will help prepare students for the Life Science, Nature of Science, Science and Technology and Scientific Inquiry strands of the science portion of the Biology end of course assessment, a requirement for graduation. Students will begin their study exploring the diversity of life and the relationship among biotic and abiotic factors in plant communities. The next topics include an investigation of the cell and the study of cellular organelles and their functions. Students will examine how the principles of classical Mendelian genetics and heredity are related to cellular structures and processes and to the DNA molecule. They will investigate the interaction between heredity and environment in the development of an organism. Examining the frequency of genes in populations and the way in which these gene frequencies change will lead to students' exploration of evolution, the central organizing theory of life science. The concluding topics students will study include the phylogenetic spectrum and ecology. Throughout the</p>		

course students will be engaged in lab activities involving the living communities of the school's land lab and observations of live and preserved specimens. **Students are placed in this course due to teacher recommendations only and in accordance with their IEP.**

MODERN WORLD HISTORY/AMERICAN HISTORY - 8233/8234	FULL YEAR	1 CREDIT
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This is a course that rotates from year to year. World History is taught one year and the following year students take American History. World History presents the history of the world beginning with the Stone Age, continuing through ancient civilizations, the Middle Ages, and revolution, and concluding with events, issues, and technological achievements of the present day. This course will cover topics about Ancient Greece through the technological advances in today's society. **Students are placed in this course due to teacher recommendations only and in accordance with their IEP.**

CONCEPTS OF ALGEBRA II - 8221/8222	FULL YEAR	1 CREDIT
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This course is designed for students to explore the various ways of solving a variety of equations. The course content will come from the New Ohio Learning Standards/Common Core. Areas of concentration will include working with linear equations, factoring probability, percent and proportions, graphing polynomials, inequalities, and systems of equations. **Students are placed in this course due to teacher recommendations only and in accordance with their IEP.**

RESOURCE ROOM ALGEBRA I - 8211/8212	FULL YEAR	1 CREDIT
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This algebra course provides a comprehensive teaching of the fundamental aspects of problem-solving. Major topics include: evaluation of algebraic equations, exponent rules and manipulation, polynomials, solving and graphing linear equations, solving and graphing two variable inequalities, solving system of equations, radicals, word problems, solving and graphing quadratic equations, and factoring. **Students are placed in this course due to teacher recommendations only and in accordance with their IEP.**

RESOURCE ROOM GEOMETRY - 8311/8312	FULL YEAR	1 CREDIT
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The focus of Mathematics II is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics I as organized into 6 critical areas, or units. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, round out the course. The Mathematical Practice Standards apply throughout and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. **Students are placed in this course due to teacher recommendations only and in accordance with their IEP.**

JOB SKILLS - 8441/8442	SEMESTER	0.5 CREDIT
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This is a semester course designed to introduce students to the skills they will need to succeed in school, on the job, and on their own. It will guide them as they prepare for a career and become a productive member of the workforce. This course will help students think about their interests and abilities. It will provide students with practical information about setting up a budget and using banking services. It also discusses how to use income to satisfy housing and transportation needs. **Students are placed in this course due to teacher recommendations only and in accordance with their IEP.**

MATHEMATICS

EOC MATH INTERVENTION - 2021	SEMESTER	0.5 CREDIT
<p>This elective course is designed for students who need to improve their scores on the Algebra EOC and/or the Geometry EOC. Students will focus on key mathematical topics, learn test-taking strategies, and learn how to utilize DESMOS calculators.</p>		
MATH INTERVENTION - 2401/2402	FULL YEAR	1 CREDIT
<p>This elective course is designed for students who need to improve the skills necessary to be successful in Algebra 1. Students will focus on pre-algebra concepts such as order of operations, solving equations, graphing linear functions, etc. Students will also learn test-taking strategies and learn how to utilize the desmos calculator. This class is by teacher/administrator recommendation only.</p>		
ALGEBRA I · COLLEGE & CAREER READINESS - 2081/2082	FULL YEAR	1 CREDIT
<p>College Preparatory Math Algebra I aims to deepen and extend student understanding by focusing on developing fluency with solving linear equations and inequalities and systems; developing fluency in algebraic manipulation with exponents, positive and negative numbers, and adding and subtracting polynomials; extending these skills to solving quadratic and exponential functions; exploring functions, including sequences, graphically, numerically, symbolically and verbally; and using regression techniques to analyze the fit of models to distributions of data.</p>		
ALGEBRA I · HONORS - 2101/2102	FULL YEAR	1 CREDIT
<p>College Preparatory Algebra 1 aims to deepen and extend student understanding by focusing on developing fluency with solving linear equations and inequalities and systems; developing fluency in algebraic manipulation with exponents, positive and negative numbers, and adding and subtracting polynomials; extending these skills to solving quadratic and exponential functions; exploring functions, including sequences, graphically, numerically, symbolically and verbally; and using regression techniques to analyze the fit of models to distributions of data. The course contains all of the content and practice standards that Common Core State Standards require, which in turn will be reflected in EOC. This course will challenge students with more difficult problems than CP Algebra I to encourage a higher level of understanding of the mathematical content. 8th grade teacher recommendation and B or higher in Advanced Math 8 preferred.</p>		
GEOMETRY · COLLEGE & CAREER READINESS - 2141/2142	FULL YEAR	1 CREDIT
<p>College Preparatory Math Geometry aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of two and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events. Prerequisite: Algebra I CP.</p>		
GEOMETRY · HONORS - 2161/2162	FULL YEAR	1 CREDIT
<p>College Preparatory Math Geometry aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of two</p>		

and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events. The course contains all of the content and practice standards that Common Core State Standards require. This course will challenge students with more difficult problems than CP Geometry to encourage a higher level of understanding of the mathematical content. **Prerequisite: Algebra I Honors preferred.**

ALGEBRA II – MODELS AND APPLICATIONS - 2191/2192	FULL YEAR	1 CREDIT
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This course fulfills the Ohio requirement for Algebra II. Students will explore linear, absolute value, polynomial, exponential, and quadratic functions. These topics will be explored through the use of modeling and application. Course content will come from the Common Core State Standards. **Prerequisite: Geometry College Prep or teacher recommendation.**

ALGEBRA II · COLLEGE & CAREER READINESS - 2201/2202	FULL YEAR	1 CREDIT
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College Preparatory Math Algebra II aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, function notation, domain and range, and transformations of different function families. Emphasis is placed on solving linear and quadratic functions, within which students work on finding zeros of quadratic functions, factoring, completing the square, and using the quadratic formula to solve equations. Students continue to develop fluency in solving systems of equations, both linear and quadratic, and solving systems of linear inequalities by graphing. Students also work with exponential functions and logarithms while learning to find inverse functions algebraically and graphically. Students are also introduced to systems of equations in three variables, quadratic, and solving systems of linear inequalities by graphing. The course contains all of the content and practice standards that Common Core State Standards require. **Prerequisite: Geometry College Prep.**

ALGEBRA II · HONORS - 2221/2222	FULL YEAR	1 CREDIT
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College Preparatory Math Algebra 2 aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, function notation, domain and range, and transformations of different function families. Emphasis is placed on solving linear and quadratic functions, within which students work on finding zeros of quadratic functions, factoring, completing the square, and using the quadratic formula to solve equations. Students continue to develop fluency in solving systems of equations, both linear and quadratic, and solving systems of linear inequalities by graphing. Students are also introduced to systems of equations in three variables and solving systems of linear inequalities by graphing. Students also work with exponential functions and logarithms while learning to find inverse functions algebraically and graphically. The course contains all of the content and practice standards that Common Core State Standards require. This course will challenge students with more difficult problems than College Prep Algebra II to encourage a higher level of understanding of the mathematical content and an in-depth study of trigonometry. **Prerequisite: Geometry Honors preferred.**

PRINCIPLES OF STATISTICS · CC+ - 2271/2272	FULL YEAR	1 CREDIT
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Introduction to the vocabulary, concepts, formulas, and presentation of statistics as applied to business and the sciences. This course focuses on measures of central tendencies and dispersion; probability; sampling practices and theory, and probability distributions with emphasis on binomial and normal distributions. Calculator usage will be incorporated into this course. **Prerequisite: Geometry College Prep or Honors. Students must have an accumulative GPA of 3.0 or higher in order to take the class for CC+ credit.**

QUANTITATIVE REASONING · CC+ 2273/2274	FULL YEAR	1 CREDIT
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This course develops critical thinking and problem-solving skills in a variety of mathematical and quantitative contexts including real-life situations. The course focuses on framing real-life problems mathematically and quantitatively and then using logical and quantitative techniques, such as linear and exponential growth modeling and statistical literacy, to make predictions and decisions and to solve these problems. Not recommended for students interested in pursuing majors/careers in STEM areas/fields. **Prerequisite: Geometry College Prep or Honors. Students must have an accumulative GPA of 3.0 or higher in order to take the class for CC+ credit.**

ALGEBRA III – MODELS AND APPLICATIONS - 2231/2232	FULL YEAR	1 CREDIT
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This course is designed for seniors to continue their mathematics education after Algebra II. Students will explore rational, radical, and trigonometric functions. Additional topics will be matrices, statistics, and probability. These topics will be explored through the use of modeling and application. Course content will come from the Common Core State Standards. **Prerequisite: Algebra II – Models and Applications or Algebra II College Prep.**

COLLEGE ALGEBRA · CC+ - 1113A/1113B	FULL YEAR	1 CREDIT
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College Algebra is an introductory course in algebra at a college level. The intent of the course is to familiarize students with the fundamental mathematical skills that will help them succeed in higher-level mathematics courses. Topics of focus for the course will be: algebraic equations and inequalities, absolute value, piecewise-defined, polynomial, rational, exponential, and logarithmic functions, conic sections, systems of equations and inequalities, matrices, and determinants. Additional topics may include sequences, series, combinatorics, probability, and an introduction to trigonometry. A scientific calculator is required. Students passing the course will receive College Algebra credit worth four credit hours through Hocking College. Students are not required to take this course for college credit. They may choose to take the course for high school credit and it will be weighted on the honors (4.5) scale. **Prerequisite: Algebra II College Prep or equivalent. Students must have an accumulative GPA of 3.0 or higher in order to take the class for CC+ credit.**

PRECALCULUS · CC+ - 1130A/1130B	FULL YEAR	1 CREDIT
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Precalculus will introduce students to those branches of mathematics that are most important in the transition to high-level mathematics courses. There will be an algebraic and graphical study of linear, quadratic, polynomial, rational, radical, exponential, logarithmic, and piecewise-defined functions. The course will have a comprehensive study of trigonometry and inverse trigonometry. Other topics to be covered include vectors, conic sections, parametric equations, polar coordinates, complex numbers, sequences and series, probability, statistics, and an introduction to calculus. A graphing calculator is required. Students passing the course will receive Precalculus credit worth six credit hours through Hocking College. Students are not required to take this course for college credit. They may choose to take the course for high school credit and it will be weighted on the accelerated (6.0) scale. **Prerequisite: Algebra II Honors or College Algebra. Students must have an accumulative GPA of 3.0 or higher in order to take the class for CC+ credit.**

CALCULUS · AP - 2301/2302	FULL YEAR	1 CREDIT
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This course is designed to be an intensive study of calculus for the college-bound student. The course covers topics including limits, differential calculus, integral calculus, and the Fundamental Theorem of Calculus. The course will prepare students for the AP AB Calculus Exam and advanced college calculus courses. A graphing calculator is required. **Prerequisite: Precalculus CC+.**

SCIENCE AND AGRICULTURE COURSES

PHYSICAL SCIENCE**FULL YEAR****1 CREDIT**

Physical Science for Grade 9 is a year-long one-credit course designed as the first science course for all students at Athens High School. The course will be offered at the College Prep and Honors levels of challenge. Physical Science for Grade 9 will address the earth/space and physical science concepts and practices for grade 9 in the Ohio Common Core Standards for Science. These concepts will be taught over two semesters. One semester will focus on physics and earth/space science. Chemistry concepts and lab practice will comprise the other semester. Content addressing skills in scientific inquiry will be part of both semesters.

Three themes describe the content of the Physics and Earth/Space Science semester: Force and Motion, Electromagnetism, Energy and Waves, and Astronomical Processes. In each of these units, students will construct a set of concepts related to the theme through active laboratory investigations. Students will use microcomputer-based labs (MBLs) as well as traditional laboratory techniques to gather and analyze data from the motions of falling objects and vibrating strings. They will examine sets of measurements collected by themselves and others to discover patterns of change, and they will make and test predictions based on the patterns they find. In the semester focused on chemistry two themes form the backbone of the content: The Nature of Matter and Energy and Energy Transformations on the microscopic scale. As in the semester on physics and earth/space science, students will engage these topics through active investigations of chemical processes. Again, the quantitative aspects of understanding and explaining natural phenomena comprise an important component of the student's learning.

This course is offered at two levels of challenge:

3020/3030 COLLEGE CAREER & READINESS (CCR)

Students who choose the CP level like the concrete application of science to real-world settings. Their chief interests may lie outside science or in pursuing specific technical occupations. This course and biology will be the foundation for the third credit in science required of all students graduating from Athens High School.

3040/3050 HONORS

Students who elect Honors expect to enter a four-year college or university after high school. They feel confident using math in a variety of settings and enjoy taking on science projects and research outside of class. These students will likely take at least four credits of science while at Athens High School.

BIOLOGY

Students in the 10th grade will enroll in biology. This course will help prepare students for the Life Science, Nature of Science, Science and Technology, and Scientific Inquiry strands of the science portion of the Biology end-of-course test. Students will begin their study by exploring the diversity of life and the relationship between biotic and abiotic factors in plant communities. The next topics include an investigation of the cell and the study of cellular organelles and their functions. Students will examine how the principles of classical Mendelian genetics and heredity are related to cellular structures and processes and to the DNA molecule. They will investigate the interaction between heredity and environment in the development of an organism. Examining the frequency of genes in populations and the way in which these gene frequencies change will lead to students' exploration of evolution, the central organizing theory of life science. The concluding topics students will study include the phylogenetic spectrum and ecology. Throughout the course, students will be engaged in lab activities involving the living communities of the school's land lab and observations of live and preserved specimens. **PREREQUISITE: Physical Science.**

**This course is offered at three levels of challenge:*

COLLEGE & CAREER READINESS (CCR) - 3031/3032	FULL YEAR	1 CREDIT
Students who choose CP Biology like the concrete application of science to real-world settings. Their chief interests may lie outside science or in pursuing specific technical occupations. This course and chemistry and physics for 9 th grade are the foundation for the third credit in science required of all students graduating from Athens High School.		
HONORS BIOLOGY - 3011/3012	FULL YEAR	1 CREDIT
Students who elect to take Honors Biology expect to enter a four-year college or university after high school. They should feel confident using math in a variety of settings and enjoy taking on science projects and research outside of class. These students will likely take at least four credits of science while at Athens High School.		
PRINCIPLES OF BIOLOGY (CC+)	FULL YEAR	1 CREDIT
This course introduces cell biology, physiology, genetics, evolution and ecology. Inquiry-based learning and case studies are used to foster good science process skills in lecture, discussion, and laboratory. Students must be eligible for the CC+ program to take this course.		

CONSERVATION AND FIELD BIOLOGY - COLLEGE & CAREER READINESS - 3131/3132	FULL YEAR	1 CREDIT
This course will cover the many ways humans are impacting the natural world and the field methods used to study these impacts. The impacts of humans on biodiversity will be studied on the regional, national, and global levels. Specific topics covered will include the climate crisis, invasive species, habitat destruction, overharvesting, and sources of pollution. Field methods that will be covered include using technology to identify local plants and animals, quadrats, transects, citizen science, and dichotomous keys. Prerequisite: Biology CP or Honors.		
ANIMAL AND PLANT SCIENCE - 6630/6631	FULL YEAR	1 CREDIT
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 agriculture marketplace. Students will engage in animal classification and selection, body systems, along 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. All students enrolled in this class must		

exhibit a project at the local fair and must participate in at least 2 FFA activities per quarter. **This class may count as an advanced science class and is recommended before taking any other agricultural classes.**

PRE-VETERINARY SCIENCE - 6640/6641	FULL YEAR	1 CREDIT
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Students will examine the causes, symptoms, and treatment of common diseases with an emphasis on developing preventative health management plans. Topics will include the study of pathogens, and classifying types of diseases and disorders. Students will perform animal health assessments and compare them to standard characteristics. Throughout the course, students will utilize principles of technology to manage information systems, and research issues affecting the industry. All students enrolled in this class must exhibit a project at the local fair and must participate in at least two FFA activities per quarter. This class may count as an advanced science class. **Prerequisite: Biology or Animal and Plant Science.**

ANATOMY & PHYSIOLOGY • HONORS CC+ 3160/3180	SEMESTER	1 CREDIT
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The intimate relationship between structure and function in living systems is the focus of this course. Students will begin by comparing the skeletal features of animals from across many mammalian species. This work will lay the foundation for students' recognition of the unity of design by which nature has solved problems of support and locomotion living things face. From this start, students will investigate both the microscopic and large-scale organization and operation of the major organ systems. Lab work will include dissection and physiological measurements. Although the course content will focus on human anatomy and physiology, examples will be drawn from a variety of species. Should the decision be made to take this course through CC+, students will be required to fulfill CC+ guidelines as well as Athens High School and HEI expectations. **Prerequisite: Biology.**

SCIENCE AND TECHNOLOGY OF FOOD - 6661/6662	FULL YEAR	1 CREDIT
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This course examines the research, marketing, processing, and packaging techniques applied to the development of food products. Students will explore the science behind food through chemistry, microbiology, nutrition, food quality & safety, as well as processing. Students will examine the principles of food preservation techniques and determine correlations to food sensory, shelf life, e, and food stability. Students will also examine and develop food safety, sanitation, and quality assurance protocols. The curriculum will be presented through hands-on, inquiry-based activities, projects, and problems. All students enrolled in this class must exhibit a project at the local fair and must participate in at least 2 FFA activities a quarter. This class may count as an advanced science class.

GREENHOUSE AND NURSERY MANAGEMENT - 6603/6604	FULL YEAR	1 CREDIT
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Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation, and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized. All students enrolled in this class must exhibit a project at the local fair and must participate in at least 2 FFA activities a quarter. This class may count as an advanced science class.

CHEMISTRY**FULL YEAR****1 CREDIT**

Chemistry is the study of matter and its interactions. In this course, students will classify matter by its properties and learn how these properties derive from its atomic structure. Students will learn how to use the periodic table as a means of predicting the outcomes of reactions and the underlying atomic structure that determines these outcomes. Evidence for the existence of atoms from the behavior of gases to the Kinetic Molecular Theory will be developed through personal experience and experimentation. The conservation of matter and energy will be studied as students carry out chemical reactions and employ the principles of stoichiometry to predict these reactions' quantitative outcomes. Chemical equilibria, acid-base reactions, and the properties of solutions comprise other topics that students will investigate. **Algebra I and Physical Science for College Prep or Honors levels preferred.**

This course is offered at three levels of challenge:

3261/3262 COLLEGE & CAREER READINESS

This course is designed for students who desire an introductory course in chemistry to prepare for college but do not anticipate declaring a science major. The student can expect to construct an understanding of core chemical concepts through the use of investigations that are connected to real-world issues such as analysis of drinking water, global warming, alternative energy, and industrial research/development techniques.

3281/3282 HONORS

Honors Chemistry is a historical and experimental introduction to chemistry for college-bound students who are curious about the world and willing to work to understand it on more than a purely descriptive level. It provides a strong background in the basic concepts of inorganic chemistry with frequent reference to the chemistry of the environment. Strong working skills in Algebra are necessary.

3301/3302 AP

Students who enroll in AP Chemistry must be prepared to engage in analytical laboratory chemistry as well as fairly mathematically rigorous theoretical chemistry. Students who do well in AP chemistry are strong in basic math, are familiar with quadratic equations, logarithms, and natural logarithms, also statistical analysis using average and standard deviations as a measure of reliability and accuracy of experimental data, and have a good facility with graphing. A strong study ethic is also required. Students are expected to do a lot of independent study. It is expected by the College Board that AP Chemistry students have completed a one-year general chemistry course. Students who have not completed a 1-year general chemistry course will be at a serious disadvantage and will need to work very hard to catch up. **Algebra I, completed or enrolled in Algebra II, and Physical Science, preferably a full year of a general chemistry course recommended.**

INTRODUCTION TO ORGANIC CHEMISTRY - HONORS - 3311	SEMESTER	0.5 CREDIT
<p>This course is designed to give students, especially those who are considering an undergraduate degree in a STEM field like chemistry, a very brief introduction to organic chemistry- the chemistry of carbon and carbon-containing compounds. This course will provide an introduction to organic chemistry nomenclature and symbols, as well as the common types of organic compounds and functional groups. Students will examine organic chemical reactions and participate in various microscale labs, including but not limited to the following: extraction and isolation of naturally occurring organic compounds, reactions of alcohols and ketones, the preparation of various esters, and the oxidation of aldehydes, as well as an iodoform preparation and the synthesis of aspirin. Prerequisites: One year of general chemistry, including knowledge of basic chemical concepts such as the mole, balancing chemical equations, and stoichiometry including % yield calculations. Familiarity with lab techniques and procedures is also necessary; open to 11th and 12th-grade students.</p>		
PHYSICS	FULL YEAR	1 CREDIT
<p>The aim of physics is to create an accurate predictive model of the universe we inhabit at all scales from the subatomic to the cosmic. Whether investigating the flight of a water balloon launched from a giant slingshot, the changing face of the moon observed at sunset, or how light exhibits the properties of both waves and particles, students of physics search for patterns in the data they collect. These underlying patterns expressed mathematically provide predictive models of events in the physical world and represent the theories of physics. Prerequisites: Algebra I and Geometry</p>		
<p><i>This course is offered at three levels of challenge:</i></p>		
COLLEGE & CAREER READINESS - 3321/3322		
<p>College Prep Physics is designed for students who desire an introductory course in physics to prepare for college but do not anticipate majoring in engineering or physics. The student can expect to look at the world through the use of logic. Students will attempt to answer questions such as: Where would a projectile land if it were launched from a platform? How can impulse be reduced so that an egg can safely land on the ground when dropped from the bleachers? How can I use an understanding of buoyancy to make my hot air balloon rise? Students will see recurring themes in observable phenomena and try to predict outcomes based on reasoning. This course offers important technical content, lab experiences, and team-based projects. Students are expected to have an understanding of Algebra I and geometry to be successful in this course.</p>		
HONORS - 3341/3342		
<p>This course is a historical, experimental, and mathematical introduction to the underpinnings of the physical world for college-bound students who plan on majoring in engineering or science. Students will learn to address questions such as these: At what angle and with what force should one launch a paper airplane to be certain that it will reach the blackboard from the back of the classroom? Why doesn't everything fly off into space if the Earth is spinning at 1,000 mi/hr? What do X-rays, lasers, and radio waves have in common? In framing and trying to answer such questions, students will design experiments, gather extensive data, analyze their measurements using mathematics and computers, and communicate their findings in reports. Students are expected to have a developed understanding of Algebra I, geometry, and Algebra II to be successful in this course.</p>		

AP PHYSICS I - 3361/3362

It is the intent of this course to be equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power, principles of density and pressure, and fluids and conservation laws. AP Physics provides an inquiry-based introduction to the core principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry. The focus of the course is how physics investigations support one's constructing predictive models of processes and interactions observed throughout the universe. Since the level is accelerated, students must be prepared to engage in independent projects, labs, and research.

**ASTRONOMY - COLLEGE & CAREER READINESS -
3150/3151**

FULL YEAR

1 CREDIT

This course will address the following big ideas.

1. The cycles of nature used in astronomy and their historical background to explain the behavior of celestial objects in the sky.
2. The electromagnetic spectrum, its wave-like properties, and the technology that uses the electromagnetic spectrum to study space.
3. Using Earth's characteristics as a model planet to compare and identify distinguishing features about other members of the solar system.
4. Explaining solar activities based on the physical characteristics of the sun as a model star.
5. The characteristics and life cycles of low-mass and high-mass stars and the Hertzsprung-Russell diagram.
6. The features of the Milky Way Galaxy and compare them to the features of other types of galaxies in the Universe.
7. Evidence for the Big Bang and evolution of the Universe.

SOCIAL STUDIES

OVERVIEW

Three and a half credits of Social Studies are required for graduation from Athens High School. The courses are as follows with grade level recommendations:

9th grade - Modern World History (offered at the CCR and Honors levels)

10th grade - American History (offered at the CCR, Honors, and AP levels)

11th grade - American Government (offered at the CCR, Honors, CC+, and AP levels)

12th grade - Elective Social Studies courses are recommended (offered at the CCR and AP levels)

REQUIRED COURSES

WORLD HISTORY (ALL LEVELS) - 4161/4162 CCR 4181/4182 Honors	FULL YEAR	1 CREDIT
<p>The academic content standards of history, people in societies, geography, economics, government, citizenship rights and responsibilities, and social studies skills and methods are included in the curriculum. As students study historical eras, they will also consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government. Students will gain a deeper understanding of the role of citizens and continue to develop their research skills.</p>		
AMERICAN HISTORY (ALL LEVELS) - 4041/4042 CCR 4061/4062 Honors 4081/4082 AP	FULL YEAR	1 CREDIT
<p>Tenth-grade students will study the chronological history of the United States from 1877 to the present, with an emphasis on domestic affairs. This study incorporates the academic content standards of history, people in societies, geography, economics, government, citizenship rights and responsibilities, and social studies skills and methods. As students study historical eras, they will consider the geographic, cultural, economic, and governmental changes that have occurred. Students will develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. AP level will include an intensive review of American History from the arrival of Columbus through the Civil War during the 1st quarter. All sections are required, by the state, to take an end-of-course exam.</p>		
AMERICAN GOVERNMENT (ALL LEVELS) - 4101/4102 CCR 4121/4122 Honors 4141/4142 AP	FULL YEAR	1 CREDIT
<p>The focus of 11th grade social studies is an in-depth study of the United States Government. This study incorporates the Ohio Academic Standards. Students will study the historical roots of the political system and how it has changed over time. They will continue to develop an understanding of the rights and responsibilities of citizenship. All sections are required, by the state, to take an End of Course Exam.</p>		

SOCIAL STUDIES ELECTIVES

The Social Studies Department offers elective courses in a number of exciting fields and areas of study. Some electives go into more historical depth than required survey courses allow due to time restraints. **These courses are offered as student interest indicates and staffing allows.**

THE AMERICAN CIVIL WAR - 4364	SEMESTER	0.5 CREDIT
<p>This course will provide an in-depth study of the political, social, and military history of the American Civil War. In this course, we will explore the causes, the course, and consequences of the American Civil War covering the time period of 1848 to 1877. This course will cover the turbulent pre-war years and how this time period led to the outbreak of war. This course will also focus on how this war was fought; the tactics that were implemented, the weapons that were used, the life of the common soldier, the medical and industrial technologies that were available and how these affected the fighting and outcome of this conflict. This course will explore the war, giving equal treatment to both the eastern and western theaters of the war. The course will culminate with a discussion of how the war ended and how the country was reunited through reconstruction. The goal of this course will be to offer the opportunity to study this nation-defining event and to provide a deeper understanding of this conflict and its legacy in American History. Open to 10th through 12th grade students.</p>		
AP EUROPEAN HISTORY - 4241/4242	FULL YEAR	1 CREDIT
<p>AP European History (APEH) is designed to be the equivalent of a two-semester university course in European History. The scope of study will largely begin with the 15th Century Renaissance and trace the development of the West up to the modern day, analyzing political, economic, intellectual, social, and cultural developments throughout this time. As an AP course, the class will be taught in a very</p>		

similar manner to an introductory course taught at colleges; students should be prepared to analyze historical developments via primary source readings, lectures, class discussions, online activities, individual work, and written papers and essays. To motivate students looking to enhance their academic preparation, APEH works to develop the study skills and analytical reading and writing required for students to succeed in future social science courses at the university level. Students who are comfortable in the course are encouraged to take the AP European History exam offered at AHS in May, particularly if success on this exam translates into college course credit at the student's future educational institution. As such, the development of the course will be influenced by the curriculum and objectives set forward by the College Board's Advanced Placement program. **This course is designed for 11th and 12th grade students.**

CURRENT EVENTS - 4220

SEMESTER

0.5 CREDIT

The three goals of a current events course are for students to become better versed in media literacy, to become more aware of major issues of the day, and to better understand the connection between the past (history) and contemporary issues (current events). The focus of the class will be issues that affect the contemporary lives of students. As residents of Athens County, Ohio, the United States of America, and the world at large, students have a tremendous array of issues and topics to explore in this class. In terms of topics of study, students will play an active role in determining what issues we will investigate.

Aside from engaging the social, political, and economic issues of major news events in the daily news cycle, the class will also focus on the historical development of contemporary issues selected by the teacher from student suggestions. For example, students may suggest learning more about protests and racial unrest throughout the country, so in addition to monitoring the current aspects of that issue, the class would also work to trace the historical roots of racial inequality in the United States and link their effects to the present day. In this example, we can see the objectives of the course: to enhance student understanding of local, national, and/or world events to make connections between history and current events. As a result, students grow to become more informed citizens and are better situated to make intelligent observations and decisions as they continue to take a larger, more active role in society. **Prerequisite: enrollment in or credit earned in American History; open to 10TH-12TH grade students only.**

HISTORY ON FILM - 4260

SEMESTER

0.5 CREDIT

Much of our understanding of history comes from pop culture, specifically movies. Hollywood is notorious for misrepresenting historical facts, perpetrating myths, and in the business of hero-creating. This course will take a critical look at Hollywood films, measure them against historical truths, and consider reasons for deviating from fact. **Students should have computer access outside of school and be willing to write several analytical papers during the semester.**

- 1/3 Discussion – lecture – notes etc. regarding a historical topic
- 1/3 Historical movie screening
- 1/3 Essay/Research Projects comparing history (fact) vs film depiction of events (fact and fiction)

Prerequisite: American History; open to 11th and 12th grade students only

PSYCHOLOGY - 4280

SEMESTER

0.5 CREDIT

Psychology is the study of the physical and emotional workings of the human mind. This course offers an introduction to the general principles of psychology, which provide the essentials for understanding human behavior. The course will introduce students to the fundamental principles of psychology and the major subjects of psychological inquiry. These principles will not only provide the tools necessary for the study of psychology but also present students with a sampling of major areas of psychological research. Major themes will include: an overview of how psychology has developed as a specific, separate, and scientific discipline; introductions to the fundamental methodologies most commonly used in the study of psychology; and broad areas of psychological inquiry and research, including (but not limited to) emotion, human development, personality, learning and memory, issues related to the

study and treatment of psychological disorders (psychopathology). **Prerequisite: open to 10TH-12TH grade students only.**

SOCIOLOGY (ONE SEMESTER) - 4300

Students will explore the concepts and theories necessary for a systematic understanding of our social world. The course deals with human relationships, various cultures, different social groups within our society, and the many social roles individuals assume throughout their lives. Topics may include but are not limited to the following: considering sociology as science, the nature of social life, social stratification, historical eras and social change, race, ethnicity, class, and gender relations. When presented from the sociological perspective the above topics lend themselves to class debate and discussion. **Prerequisite: Open to 10th through 12th grade students only.**

TECHNOLOGY AND COMPUTER SCIENCE ELECTIVES

AVIATION & UNMANNED AIRCRAFT SYSTEMS - 1712/1713 FULL YEAR 1 CREDIT

This course is to gain knowledge in aviation through Unmanned Aircraft Systems (UAS). The Unmanned Safety Institute (USI) provides a self-paced curriculum of 13 online modules to be completed with the supervision of a certified teacher for guidance and instruction in areas of rigor. This program is designed to provide your student with the first two certifications in UAS, where they can continue training on their own through USI or attend college to further their UAS and/or aviation education. Students enrolled in the course will be required to take the certification tests. These are proctored exams that must be taken through a state testing site. **Prerequisite: Open to 11th and 12th grade students only.**

CODING IN PYTHON/PCEP PREP - 1710/1711 FULL YEAR 1 CREDIT

In this year-long course, students will learn the basics of Python coding followed by a combination of technical knowledge and real-world coding application projects designed to allow students to write code effectively. No prior coding experience is necessary. In the second semester, students will continue to work with Python to produce dynamic and interactive programs. Throughout the course, students will prepare for the Certified Entry-Level Python Programmer certification.

COMPUTER APPLICATIONS - 1701 SEMESTER 0.5 CREDIT

This course will cover basic computer and keyboarding skills. Throughout the course, students will learn to use multiple programs effectively. Programs include word processing, spreadsheets, presentation creation, and light database use. Additionally, students will learn file management and basic web application use. Students will also learn to effectively gather and apply information found on the internet to real-life problems and situations.

COMPUTER MULTIMEDIA - 1702 SEMESTER 0.5 CREDIT

This course will be an exploration of media creation using open-source software including GIMP, Audacity, and Lightworks. Students will learn audio, video, and image editing skills as well as applications of these skills in the modern workplace. Throughout the course, students will create multiple projects that showcase each skill developed, including short videos, edited images, and audio recordings.

GAMING TECHNOLOGY - 1707/1708 SEMESTER 0.5 CREDIT

This course provides students with a digital framework and understanding through an esports lens. Students will learn the history of esports, practice good gamer health, utilize basic technology

information and hands-on troubleshooting, explore college and career readiness with a technology focus, and participate in journaling and reflection.

AP COMPUTER SCIENCE - D001/D002	FULL YEAR	1 CREDIT
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Students will learn to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering. AP Computer Science A teaches object-oriented programming using the Java language and is meant to be the equivalent of a first-semester, college-level course in computer science. It will emphasize problem-solving and algorithm development, and use hands-on experiences and examples so that students can apply programming tools and solve complex problems.

WORK-BASED LEARNING

CAREER CERTIFICATION - 6561/6562	FULL YEAR	2 CREDITS
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This course is designed for students to meet graduation requirements in competency. The FEMA course counts towards gaining an Industry Credential. Completing the OSHA-10 Safety course and CPR/First Aid to fulfill the requirement of 12 points in the area of Law & Public Safety, as indicated by the Ohio Department of Education and Workforce. Obtaining this Industry Credential provides an alternative to the competency scores, allowing for graduation. The Career Readiness must be completed in conjunction with the Industry Credential. The goals of this class are to improve career readiness by learning common safety and health hazards on the job, chain-of-command, and work-related procedures while obtaining the requirements to successfully graduate high school and receive your high school diploma. **Placement with counselor recommendation.**

WORLD LANGUAGES AND CULTURE

Many colleges and universities recommend successful completion of at least two years of one world language for admittance. Students pursuing an honors diploma should be reminded that one of the criteria calls for the completion of three years of one language or two years of each of two separate languages. Students are expected to take two semesters per year. Proficiency goals noted in each course description are based upon the ACTFL guidelines, which align with the State of Ohio World Language Standards. Also, in accordance with these same standards, all world language courses at Athens High School ask students to understand and make comparisons between products and practices to better help them understand different perspectives. As such, grades are largely based on reading, writing, listening, and speaking proficiency in the target language.

STATE OF OHIO SEAL OF BILITERACY

The Athens City School District also awards the prestigious State of Ohio Seal of Biliteracy to students within 15 months of graduation who:

1. Earn a proficient level or higher on Ohio's required state test for high school English Language Arts II (EOC test) or a remediation-free score on the English and reading sections of the ACT or SAT.
2. Obtain a score of a 4 or 5 on the AP French or Spanish examination OR an I-5 or above in 3 categories and an I-4 or above in 1 category on the AAPPL assessment (reading, writing, speaking, listening).

Click [here](#) to learn more details about the Seal of Biliteracy.

FRENCH I - 5001/5002	FULL YEAR	1 CREDIT
<p>Proficiency goal: Novice Mid This course is designed for students who have had no prior study of French. In this course, emphasis is placed on reading, writing, speaking, and listening on a basic level in the target language. Students will be able to request and provide information by asking and answering a few simple questions on very familiar and everyday topics, using a mixture of practiced or memorized words, phrases, and simple sentences. Daily, diligent study and preparation are a must for success. “B” or better in English/Language Arts preferred.</p> <p>This course is designed for students who have had no prior study of French. In this course, emphasis is placed on reading, writing, speaking, and listening on a basic level in the target language. Students will be able to request and provide information by asking and answering a few simple questions on very familiar and everyday topics, using a mixture of practiced or memorized words, phrases, and simple sentences. Daily, diligent study and preparation are a must for success. “B” or better in English/Language Arts preferred.</p>		
FRENCH II - 5021/5022	FULL YEAR	1 CREDIT
<p>Proficiency goal: Novice Mid-High In this course, emphasis is placed on improving basic reading, writing, speaking, and listening as a continuation of the French I course. The development of basic oral and written proficiency is continued and enriched. Students will be able to request and provide information by asking and answering practiced and some original questions on familiar and everyday topics, using simple sentences and memorized expressions most of the time. Daily, diligent study and preparation is a must for success. Prerequisite: French I. “C” or better in French I preferred.</p>		
FRENCH III - 5081/5082	FULL YEAR	1 CREDIT
<p>Proficiency goal: Intermediate Low This honors course is designed for students who have been successful in French II. The structure of the language is taught at a deeper level with higher expectations of accuracy in reading, writing, speaking, and listening, and where practice builds toward a more natural response in regard to proficiency. Retention of previous material is essential for success in this course. Students will be able to express, ask about, and react with some details to preferences, feelings, or opinions on familiar topics in a more natural way than at the novice levels, by creating simple sentences and paragraphs and by asking appropriate follow-up questions. At the end of the course, the class is conducted almost exclusively in French. Prerequisite: French II. “B” or better in French II preferred.</p>		
FRENCH IV - 5101/5102	FULL YEAR	1 CREDIT
<p>Proficiency goal: INTERMEDIATE MID This honors course is an accelerated review and continuation of material introduced in French III. Strengthening and refinement of reading, writing, speaking, and listening skills at a more natural rate are emphasized and advanced grammar is introduced. Structured composition is also developed. Students will be able to exchange preferences, feelings, or opinions and provide basic advice on a variety of familiar topics, creating sentences and paragraphs with transitions and asking a variety of follow-up questions. This course is taught almost exclusively in French. Prerequisite: French III. “B” or better in French III preferred.</p>		

FRENCH V · ACCELERATED (ACC) - 5111/5112	FULL YEAR	1 CREDIT
<p>Proficiency goal: Intermediate High In this course, reading, writing, speaking, and listening skills are continued, with an intense review and refinement of grammar at the advanced level. Students will be able to explain preferences, opinions, and emotions and provide advice on a variety of familiar and concrete topics that have been researched, using paragraphs and asking a variety of questions, often across various time frames. Conversation proficiency is further developed and composition skills are refined to even more closely reflect natural language production. The entire course is conducted in French and instruction is based upon authentic materials. Prerequisite: French IV. “B” or better in French IV preferred.</p>		
FRENCH VI · ADVANCED PLACEMENT (AP) - 5121/5122	FULL YEAR	1 CREDIT
<p>Proficiency goal: Intermediate High-Advanced Low This course is designed for students who desire to perfect reading, writing, speaking, and listening skills. The course is fast-paced and retention of material covered in all previous years of study is obligatory. Students are expected to speak and write only in French. Students will be able to exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics, using paragraphs with proper transitions across major time frames. The entire course is conducted in French and instruction is solely based upon authentic materials. Preparation for the French Language AP test is included. Testing is optional, though recommended. Prerequisite: French V ACC. “B” or better in French V ACC preferred.</p>		
JAPANESE I - 5601/5602	FULL YEAR	1 CREDIT
<p>This course is designed for students who have had no prior study of Japanese. In this course, emphasis is placed on reading and writing Japanese alphabets; <i>Hiragana</i> and <i>Katakana</i>, and listening and speaking of a basic level of conversation. The course also introduces Japanese culture (tangible and intangible) through which students will be able to build intercultural competence and broaden their perspectives. “B” or better in English/Language Arts preferred.</p>		
SPANISH I - 5161/5162	FULL YEAR	1 CREDIT
<p>Proficiency goal: Novice Mid This course is designed for students who have had no prior study of Spanish. In this course, emphasis is placed on reading, writing, speaking, and listening on a basic level in the target language. Students will be able to request and provide information by asking and answering a few simple questions on very familiar and everyday topics, using a mixture of practiced or memorized words, phrases, and simple sentences. Daily, diligent study and preparation are a must for success. “B” or better in English/Language Arts preferred.</p>		
SPANISH II 5221/5222	FULL YEAR	1 CREDIT
<p>Proficiency goal: Novice Mid-High In this course, emphasis is placed on improving basic reading, writing, speaking, and listening as a continuation of the Spanish I course. The development of basic oral and written proficiency is continued and enriched. Students will be able to request and provide information by asking and answering practiced and some original questions on familiar and everyday topics, using simple sentences and memorized expressions most of the time. Daily, diligent study and preparation are a must for success. Prerequisite: Spanish I. “C” or better in Spanish I preferred.</p>		
SPANISH III 5241/5242	FULL YEAR	1 CREDIT
<p>Proficiency goal: Intermediate Low This honors course is designed for students who have been successful in Spanish II. The structure of the language is taught at a deeper level with higher expectations of accuracy in reading, writing, speaking, and listening, and where practice builds toward a more natural response in regard to proficiency. Retention of previous material is essential for success in this course. Students will be able</p>		

to express, ask about, and react with some details to preferences, feelings, or opinions on familiar topics in a more natural way than at the novice levels, by creating simple sentences and paragraphs and by asking appropriate follow-up questions. At the end of the course, the class is conducted almost exclusively in Spanish. **Prerequisite: Spanish II. "B" or better in Spanish II is preferred.**

SPANISH IV 5261/5262

FULL YEAR

1 CREDIT

Proficiency goal: Intermediate Mid

This honors course is an accelerated review and continuation of material introduced in Spanish III. Strengthening and refinement of reading, writing, speaking, and listening skills at a more natural rate are emphasized and advanced grammar is introduced. Structured composition is also developed. Students will be able to exchange preferences, feelings, or opinions and provide basic advice on a variety of familiar topics, creating sentences and paragraphs with transitions and asking a variety of follow-up questions. This course is taught almost exclusively in Spanish. **Prerequisite: Spanish III. "B" or better in Spanish III is preferred.**

SPANISH V · ACCELERATED (ACC) - 5281/5282

FULL YEAR

1 CREDIT

Proficiency goal: Intermediate High

In this course, reading, writing, speaking, and listening skills are continued, with an intense review and refinement of grammar at the advanced level. Students will be able to explain preferences, opinions, and emotions and provide advice on a variety of familiar and concrete topics that have been researched, using paragraphs and asking a variety of questions, often across various time frames. Conversation proficiency is further developed and composition skills are refined to even more closely reflect natural language production. The entire course is conducted in Spanish and instruction is based upon authentic materials. **Prerequisite: Spanish IV. "B" or better in Spanish IV is preferred.**

SPANISH VI · ADVANCED PLACEMENT (AP) - 5281/5282

FULL YEAR

1 CREDIT

Proficiency goal: Intermediate High-Advanced Low

This course is designed for students who desire to perfect reading, writing, speaking, and listening skills. The course is fast-paced and retention of material covered in all previous years of study is obligatory. Students are expected to speak and write only in Spanish. Students will be able to exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics, using paragraphs with proper transitions across major time frames. The entire course is conducted in Spanish and instruction is solely based upon authentic materials. Preparation for the Spanish Language AP test is included. Testing is optional, though recommended. **Prerequisite: Spanish V ACC. "B" or better in Spanish V ACC preferred.**