

HERITAGE HIGH SCHOOL COURSE CATALOG



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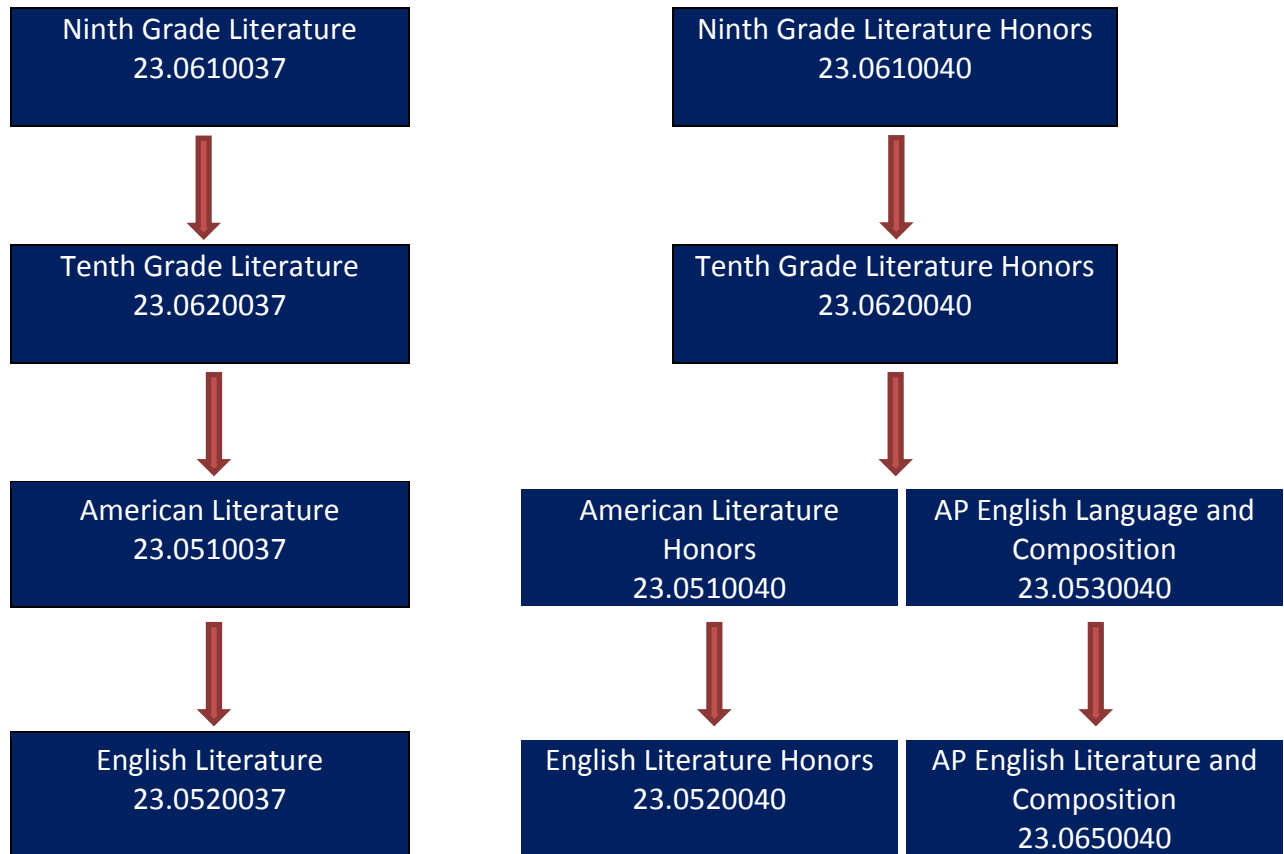
ENGLISH DEPARTMENT

Debbie Cosby, Department Head

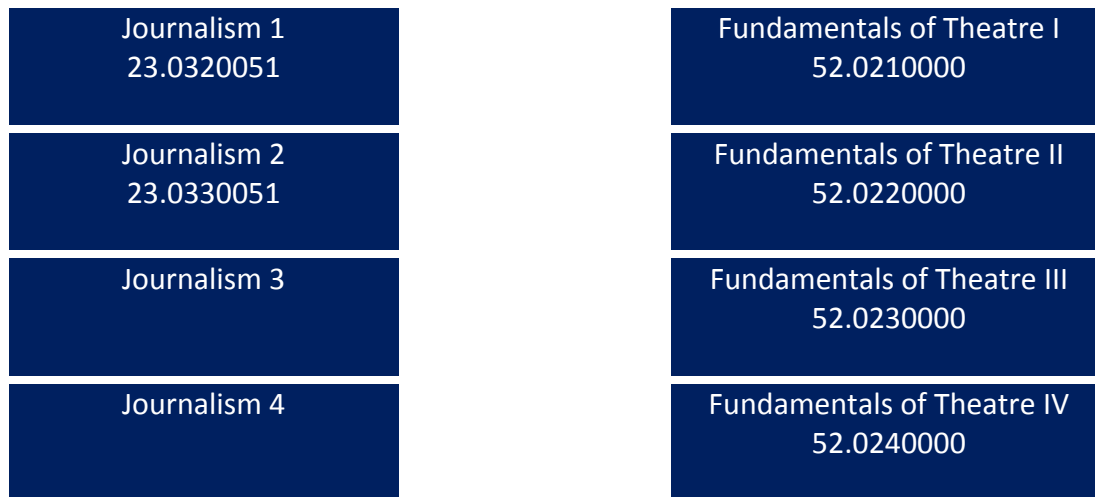
English Courses Required for Graduation:

Students are required to earn four English course credits to fulfill the graduation requirements. End of Course exams are required in Ninth Grade Literature and American Literature.

ENGLISH DEPARTMENT COURSE OFFERINGS



ENGLISH ELECTIVE PATHWAYS



Ninth Grade Literature (College Prep and Honors)

Course Numbers:

23.0610037 (CP)

23.0610040 (Honors)

Open to freshmen

Prerequisites: None

Summer Reading Requirement for Honors Level

End of Course Exam required

This course focuses on the acquisition of reading, writing, speaking, listening, and language skills. Through reading of both literary and informational texts, students develop an understanding of how to cite strong and thorough textual evidence to support analysis, reflection, and research. The study of composition includes a focus on argumentative, informative/explanatory, and narrative writing as well as research skills. Speaking and listening skills are enhanced through participation in collaborative discussions as well as formal and informal presentations. This class will review and build upon students' grammatical command of the conventions of standard English grammar and usage when writing or speaking. Vocabulary acquisition and use are also a part of language study and include determining the meanings of words and phrases, proper spelling, and recognition of word parts such as roots, prefixes and suffixes.

HONORS: 9th Grade Honors English Literature & Composition focuses on reading, writing, and analysis of literary and nonfiction texts. Students will both pose and respond to questions in peer and teacher-led conversations. Additionally, we will study ACT/SAT vocabulary and grammar components in order to strengthen reading comprehension and writing skills.

NOTE: Honors English has a summer reading requirement.

Tenth Grade Literature (College Prep and Honors)

Course Numbers:

23.0620037 (CP)

23.0620040 (Honors)

Open to sophomores

Honors Prerequisites: None

Summer Reading Requirement for Honors Level

This course focuses on the acquisition of reading, writing, speaking, listening, and language skills. Through reading of both literary and informational texts, students develop an understanding of how to cite strong and thorough textual evidence to support analysis, reflection, and research. The study of composition includes a focus on argumentative,

informative/explanatory, and narrative writing as well as research skills. Speaking and listening skills are enhanced through participation in collaborative discussions as well as formal and informal presentations. This class will review and build upon students' grammatical command of the conventions of standard English grammar and usage when writing or speaking. Vocabulary acquisition and use are also a part of language study and include determining the meanings of words and phrases, proper spelling, and recognition of word parts.

HONORS: 10th Honors Literature & Composition is a rigorous course in which students will read, analyze, and write about a variety of literary and non-fiction texts. The reading level will be at 10th grade and higher. Students will engage in meaningful dialogue with peers and their teacher to deepen their understanding of texts. Accompanying reading and writing will be immersive lessons in grammar and vocabulary that are structured to strengthen reading comprehension and writing skills. **NOTE: Honors English has a summer reading requirement.**

American Literature (College Prep and Honors)

Course Numbers:

23.0510037 (CP)

23.0510040 (Honors)

Open to juniors

Honors Recommendations: Tenth Lit. Honors

Summer Reading Requirement for Honors Level

End of Course Exam required

American Literature and Composition presents a one-semester survey of American literature from the period of exploration and settlement to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. Along with the study of American literature, students will explore writing through a multitude of disciplines including narrative, poetry, expository, and argumentation composition. The goal is to help students become better communicators, and subsequently, more successful.

HONORS: American Literature honors students will study a collection of fiction, poetry, drama, and nonfiction. The selections are by Americans in order to draw a vivid portrait of the unique and varied culture that is America. The selections are strung together chronologically—that is, in order of time—to trace the changes in attitudes, ideas, and styles that have occurred in our culture over the past several centuries. In order for all time periods to be covered, students will be expected to complete reading assignments outside of class. Because this is an honors class, at times we will be going at a faster pace than a typical English class. Our goal is to prepare for the 12th grade AP exam and college. Students are expected to have a grasp of the English language and use grammar and punctuation correctly on all assignments. The main writing

focus of this course will be literary analysis and research. **NOTE: Honors English has a summer reading requirement.**

English (British) Literature (College Prep and Honors)

Course Numbers:

23.0520037 (CP)

23.0520040 (Honors)

Open to seniors

Prerequisites: None

Summer Reading Requirement for Honors Level

British Literature and Composition instruction includes an intensive study of the dynamics and structure of the English language, including the essential skills of composition development, writing style, critical reading, writing and analysis, academic vocabulary, grammatical structure and rules, and academic verbal discussion. It is a rigorous course in which students will study the early forms of written English and the British tradition in literature. Students will critically read and evaluate various forms and types of texts including novels, poetry, informational texts and visual texts. British Literature is designed to emphasize independent thought and equip students to be successful members of society.

HONORS: The main goal of this class is to prepare seniors for the English classes that they may take in college and for post-graduate life in general. To help prepare for the former, students are expected to keep up with assigned reading on their own and to consistently engage in focused discussions of the texts, as well as to respond to the texts with extensive writing in a variety of forms: journals, response papers, seminar preparation, and essays. Such work emphasizes independent thought and requires the development of literary analysis skills, writing skills, and effective time management, all of which help to equip students to be successful members of society. The main focus of this class is to examine the canon of British literature and how authors respond to one another—both explicitly and implicitly—across the years. It is recommended that a student take Honors American Literature or AP English Language & Composition before taking this course. **NOTE: Honors English has a summer reading requirement.**

Advanced Placement (AP) English Language and Composition

Course Number: 23.0530040

Open to juniors/seniors

Recommendations: Honors 9th and 10th Literature

Summer Reading Requirement

End of Course Exam required if taken in place of American Lit.

The AP English Language and Composition is a course approved by the College Board which gives students a college level English experience as well as preparation for success on the AP Language test, which may provide students the opportunity to fulfill college requirements. The course is designed to help students become skilled readers of a variety of texts as well as becoming skilled writers. Students will achieve this through awareness of the interactions among a writer's purpose, audience expectations, and subjects as well as the ways that writing rules and language use contribute to effective writing. While it is suggested that students take either honors 9 or 10 English, it is not a requirement. If you have not previously taken an honors course but are interested in AP Language, see Mrs. Cosby prior to registration. **NOTE: This course has a summer reading requirement.**

Advanced Placement (AP) English Literature and Composition

Course Numbers:

23.0650040

Open to seniors

Prerequisites: Honors/AP English in 9th, 10th and 11th grades

Summer Reading Requirement

The AP English Literature and Composition course will engage you in the careful reading and critical analysis of imaginative literature. Through close reading of selected texts, you can deepen your understanding of the ways writers use language to create meaning. You'll learn to consider a work's structure, style, and themes, as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone. AP English Literature and Composition is intended to give you the experience of a typical introductory college literature course. It includes intensive study of representative works from various genres, periods, and cultures, concentrating on works of recognized literary merit. Writing is also an integral part of the AP English Literature and Composition course and of the AP Exam. Writing assignments in the course will address the critical analysis of literature and creative writing assignments and a research paper. The goal of the various writing assignments is to increase your ability to explain clearly and cogently what you understand about literary works and how you interpret them. It is recommended that you take honors English before taking this course. **NOTE: This course has a summer reading requirement.**

Fundamentals of Theatre I

Course Numbers:
Open to all students
Prerequisites: none

This course serves as an introduction to the theatre arts. You will investigate theatre as a whole by exploring theatrical techniques and origins of theatre arts. You will also write, direct, and perform in class, learn appropriate audience and theatre etiquette, elements of voice and physicality, and engage in script and character analysis.

Fundamentals of Theatre II-IV

Course Numbers:
Open to all students
Prerequisites: Fundamentals of Theatre I

This course enhances level-one skills by producing specific theatre styles in depth with opportunities for both performance and technical theater. Fall semester will produce a one-act play for competition, while spring semester will produce a full-length play for the school.

Journalism I-IV

Course Numbers:
23.0320051 (I)
23.0330051 (II)
23.0350051 (III)
23.0360050 (IV)
Open to all students
Prerequisites: none

This course provides opportunities to improve investigative writing skills, creative writing skills, photography, graphic design, professional correspondence, interviewing, and desktop publishing skills. In addition to producing the annual school yearbook, *The Legacy*, class members daily maintain the online school paper, *The General Journal* (found at www.hhsgeneraljournal.com). In maintaining *The General Journal*, students are assigned a specific section for which they write—e.g. News, Sports, and Entertainment—but all students will produce, by the end of the semester, a variety of articles ranging from entertainment reviews to school news to sports coverage to student profiles and more. Examples for each type

or genre of article are discussed and examined in order for all students to strengthen the flexibility of their writing voice. Students are also encouraged to bring their own ideas and creativity to each section of the newspaper and their writing in general. The production of the Heritage Legacy utilizes many of the aforementioned writing skills but also incorporates skills involving graphic design, including use of Photoshop, and photography, both of which are discussed and taught. Students gain access to school and sports events throughout the semester in order to take photos for both the newspaper and yearbook. Students will also gain experience in communicating professionally with peers, school staff, and other adults through interviews and emails. In addition to interacting with the school community, students will engage with local businesses and business owners through the sale of yearbook ads. Students in the fall semester of Journalism are involved with setting the template—figuratively and literally—for that year’s yearbook, establishing the yearbook’s theme, cover, color palette, design motifs, and so on. Students in the spring semester work off the template established in the fall while bringing their own ideas to pages concerning spring activities like Prom, senior activities, and Graduation. Overall, students in both semesters contribute their ideas and talents to a professional and creative product that has become synonymous with the school’s legacy. Opportunities for advancement in the Journalism track typically involve editorships of newspaper sections and of the newspaper or yearbook in general.

MATH DEPARTMENT

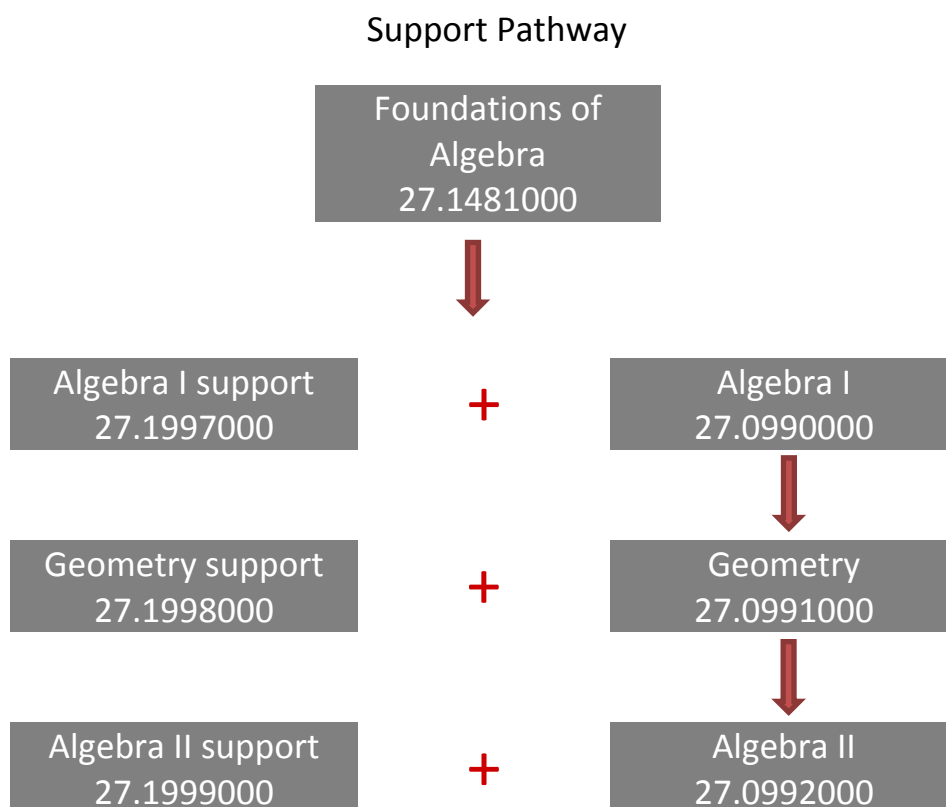
Karen Wolfe, Department Head

Math Courses Required for Graduation:

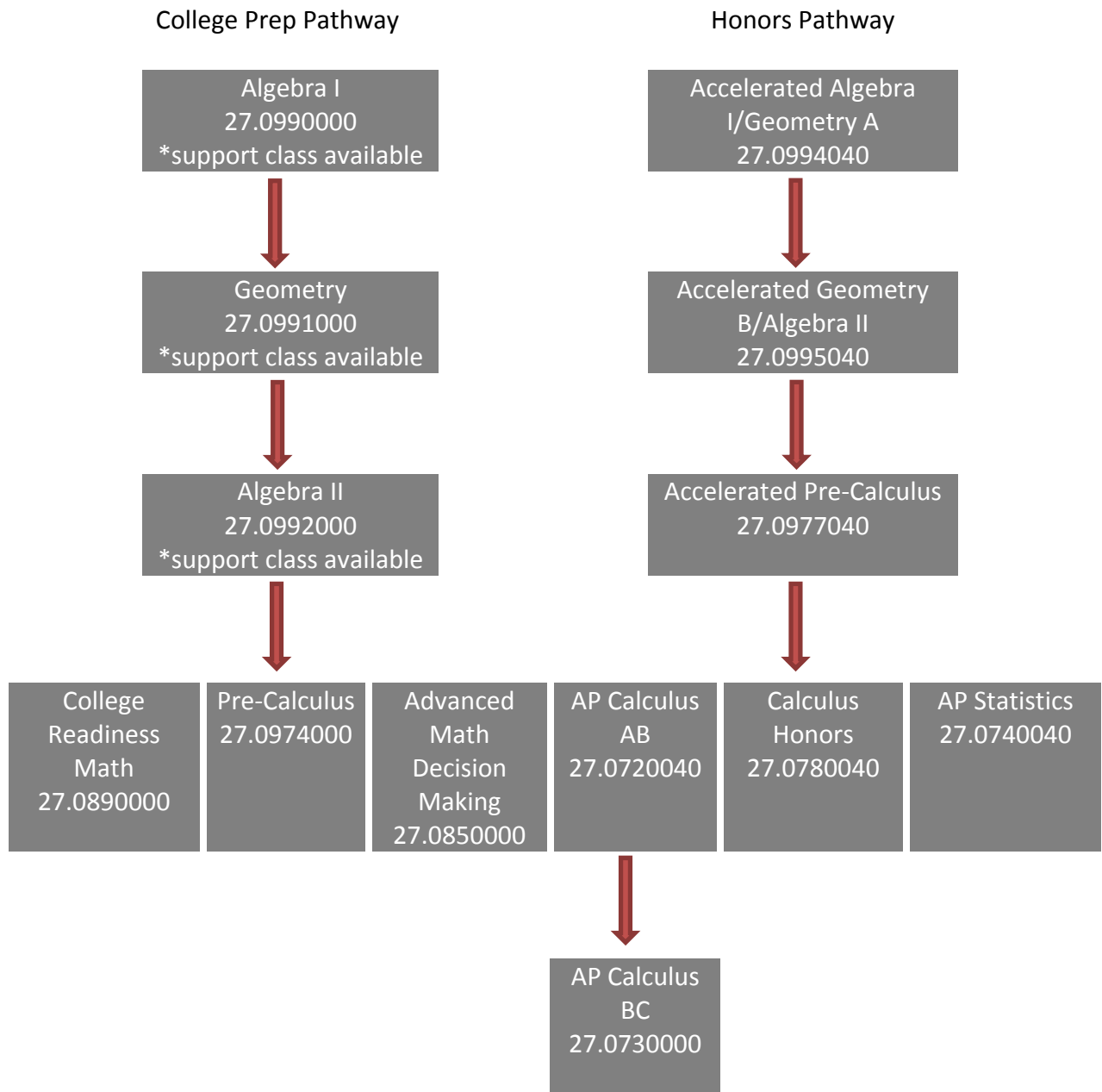
Students are required to earn four Math course credits to fulfill the graduation requirements. End of Course exams are required in Algebra and Geometry.

Support classes are offered for Algebra, Geometry and Algebra II. These courses are additional math courses and count as electives.

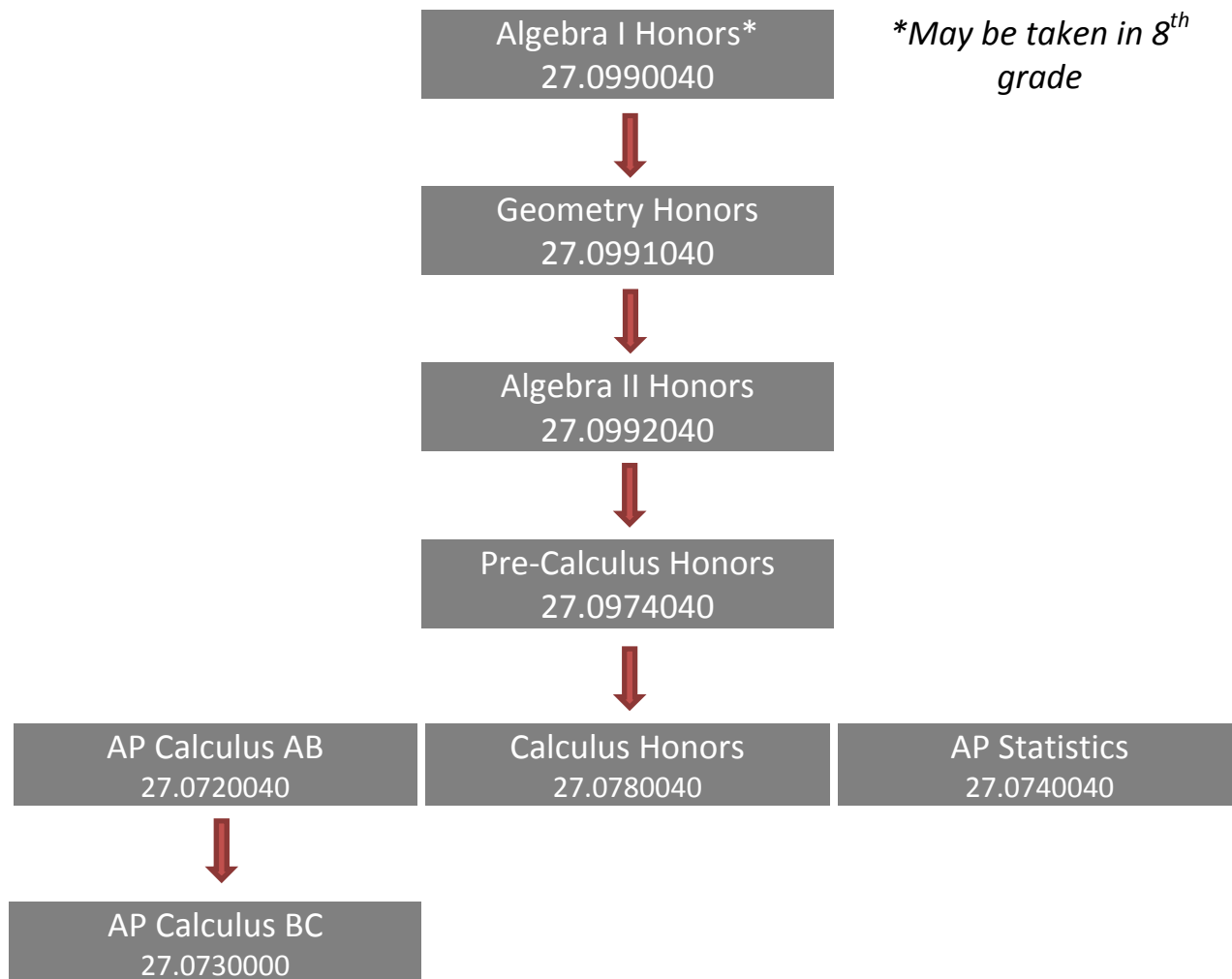
There are 3 different graduation pathways in the Math Department: the Support Pathway, the College Prep Pathway and the Honors Pathway.



MATH DEPARTMENT COURSE OFFERINGS



“New” Honors Pathway beginning with Freshman 2019-20



FOUNDATIONS OF ALGEBRA

Course Number: 27.1481000

Open to freshmen

Prerequisites: Teacher approval required

Foundations of Algebra is a first year mathematics course option for students who have completed mathematics in 6th-8th grade, but still need support to reinforce success in high school mathematics. The course is aimed at students who have reported low standardized test performance in prior grades and/or have demonstrated significant difficulties in previous mathematics classes. The Foundations of Algebra course contains five modules which are designed to build the necessary mathematical skills to complete Algebra I. Foundations of Algebra will provide many opportunities to revisit and expand the understanding of foundational algebra concepts, will use diagnostic means to offer focused interventions for each student, and will integrate varied instructional strategies to prepare students for required high school mathematics courses. The course will emphasize both algebra and numeracy in a variety of contexts including number sense, proportional reasoning, quantitative reasoning with functions, and solving equations and inequalities.

ALGEBRA I (COLLEGE PREP AND HONORS)

Course Numbers:

27.0990000 (CP)

(Honors)

Open to freshmen

Prerequisites: None

**Algebra I support class available as an elective*

End of Course Exam required

This course is designed to engage students in the practice of mathematics by developing an understanding of mathematical relationships, functions, and models, both in and out of context, with an emphasis on problem-solving. Algebraic topics will be developed and valued conceptually leading to procedural fluency. Students will utilize concepts, skills, representations, and techniques that address linear functions, exponential functions, quadratic functions, and systems of equations. This course also uses statistical models to analyze relationships represented by data. Successful completion of this course will prepare students for entry into Geometry and/or Algebra II.

ACCELERATED ALGEBRA I/
GEOMETRY A
(HONORS LEVEL)

Course Number: 27.0994040

End of Course Exam required

*This course will no longer be offered beginning fall 2019

ACCELERATED GEOMETRY
B/ALGEBRA II
(HONORS LEVEL)

Course Number: 27.0995040

Open to sophomores

Prerequisites: Accelerated Algebra I/Geometry A

End of Course Exam required

*This course will no longer be offered beginning fall 2020

ACCELERATED PRE-CALCULUS
(HONORS LEVEL)

Course Number: 27.0977040

Open to juniors

Prerequisites: Accelerated Geometry B/Algebra II

*This course will no longer be offered beginning fall 2021

GEOMETRY
(COLLEGE PREP AND HONORS)

Course Numbers:

27.0991000 (CP)

27.0991040(Honors)

Open to sophomores

Prerequisites: Algebra I

**Geometry support class available as an elective*

End of Course Exam Required

This course deals with sets of points and related properties. Sets studied include lines, angles, polygons, with emphasis on circles, planes and surfaces of geometric solids such as pyramids, cones, cylinders and spheres. This course emphasizes systematic approaches to and processes for proving and applying theorems. Algebra 1 is utilized extensively during the course. Successful completion of this course prepares the students for further work in Algebra II.

ALGEBRA II (COLLEGE PREP AND HONORS)

Course Numbers:

27.0992000 (CP)

27.0992040 (Honors)

Open to juniors

Prerequisites: Algebra I AND Geometry

**Algebra II support class available as an elective*

This course is designed to provide students with a thorough background in advanced algebraic topics. Topics include inverse functions and transformations of functions, the study of the polynomial, rational, exponential, and logarithmic functions, modeling, probability, and statistics.

MATH OF FINANCE

Course Number:

Open to seniors by teacher referral only

Prerequisites: Algebra I, Geometry AND Algebra II

This course is designed to provide resource students the real world mathematics of personal finance, while giving them an alternative to the traditional advanced mathematics. This course is the 4th math course for students who began with Foundations. This course explores topics of saving, budgeting, debt/credit, college finance, purchases, investing and giving. The content challenges students to change their way of thinking and behaving concerning the financial world in order to live successfully in the future, without regret of past decisions/mistakes. This course DOES NOT meet the requirements of the University System of Georgia as a 4th math option for college admission.

ADVANCED MATH DECISION MAKING

Course Number: 27.0850000

Open to seniors

Prerequisites: Algebra I, Geometry AND Algebra II

The course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions.

COLLEGE READINESS MATH (COLLEGE PREP)

Course Number: 27.0890000

Open to seniors

Prerequisites: Algebra I, Geometry AND Algebra II

College Readiness Mathematics is a fourth course option for students who have completed Algebra I, Geometry, and Algebra II, but are still struggling with high school mathematics standards essential for success in first year post-secondary mathematics courses required for non-STEM majors. The course is designed to serve as a bridge for high school students who will enroll in non-STEM post-secondary study and will serve to meet the high school fourth course graduation requirement. The course has been approved by the University System of Georgia as a fourth mathematics course beyond Algebra II for non-STEM majors, so the course will meet the needs of college bound seniors who will not pursue STEM fields.

College Readiness Mathematics focuses on key content and practice standards to ensure that students will be ready for post-secondary academic courses and career preparation in non-STEM fields. The course will revisit and expand the understanding of content standards introduced in earlier mathematics courses and will emphasize numeracy, algebra and functions, geometry, and statistics in a variety of contexts.

Instruction and assessment should include the appropriate use of technology. Mathematics concepts should be represented in multiple ways, such as concrete/pictorial, verbal/written, numeric/data-based, graphical, and symbolic. Concepts should be introduced and used, where appropriate, in the context of realistic experiences.

PRE-CALCULUS (COLLEGE PREP AND HONORS)

Course Number:

27.0974000 (CP)

27.0974040 (Honors)

Open to juniors/seniors

Prerequisites: Algebra I, Geometry AND Algebra II

Pre-Calculus is a fourth mathematics course designed to prepare students for calculus and other college level mathematics courses. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are introduced and developed to include inverses, general triangles and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon

vectors. Probability rounds out the course using counting methods, including their use in making and evaluating decisions.

CALCULUS HONORS

Course Number: 27.0780040

Open to seniors

Prerequisites: Accelerated or Honors Algebra, Geometry, Algebra II and Pre-Calculus

Honors Calculus is an advanced math class designed for students who want an honors level math class to prepare for college level math courses without taking an AP math class. Calculus topics studied in this course include limits, derivatives, and integrals. This course will not prepare students to take the AP Calculus exam. This course does not include volume of revolution (an AP Calculus AB topic in integrals) nor does this course provide the depth required for AP Calculus topics.

ADVANCED PLACEMENT (AP) CALCULUS AB

Course Number: 27.0720040

Open to seniors

Prerequisites: Accelerated or Honors Algebra, Geometry, Algebra II and Pre-Calculus

AP Calculus AB is an advanced math class designed to develop an understanding of the concepts of calculus and provide experiences with its methods and applications. The course emphasizes a multi-representational approach to calculus with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. The connections among these representations are also important. Topics covered in this course include limits, derivatives, and integrals. Students enrolled in this course will be prepared to take the Advanced Placement Calculus AB exam in May.

ADVANCED PLACEMENT (AP) CALCULUS BC

Course Number: 27.0730000

Open to seniors

Prerequisites: AP Calculus AB

This course deals with the BC content of the Advanced Placement curriculum beyond that of the Calculus AB sequence. Additional topics include sequences, infinite series, solutions of differential equations, advanced techniques of integration, as well as parametric and polar

equations. Students enrolled in this course will be prepared to take the Advanced Placement Calculus BC exam in May. The AP Calculus BC exam has an AB subscore so students who take both AP Calculus AB and AP Calculus BC will only need to take the AP Calculus BC exam.

ADVANCED PLACEMENT (AP) STATISTICS

Course Number: 27.0740040

Open to seniors

Prerequisites: Accelerated or Honors Algebra, Geometry, and Algebra II

The purpose of AP Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be able to demonstrate the skills, properties, applications, and representations associated with exploring data, planning a study, anticipating patterns and statistical inference. Students who successfully complete this course should be well prepared for the Advanced Placement exam in Statistics in May.

SCIENCE DEPARTMENT

Terri Bicknell, Department Head

Science Courses Required for Graduation:

Students are required to earn four Science course credits to fulfill the graduation requirements. End of Course exams are required in Biology and Physical Science.

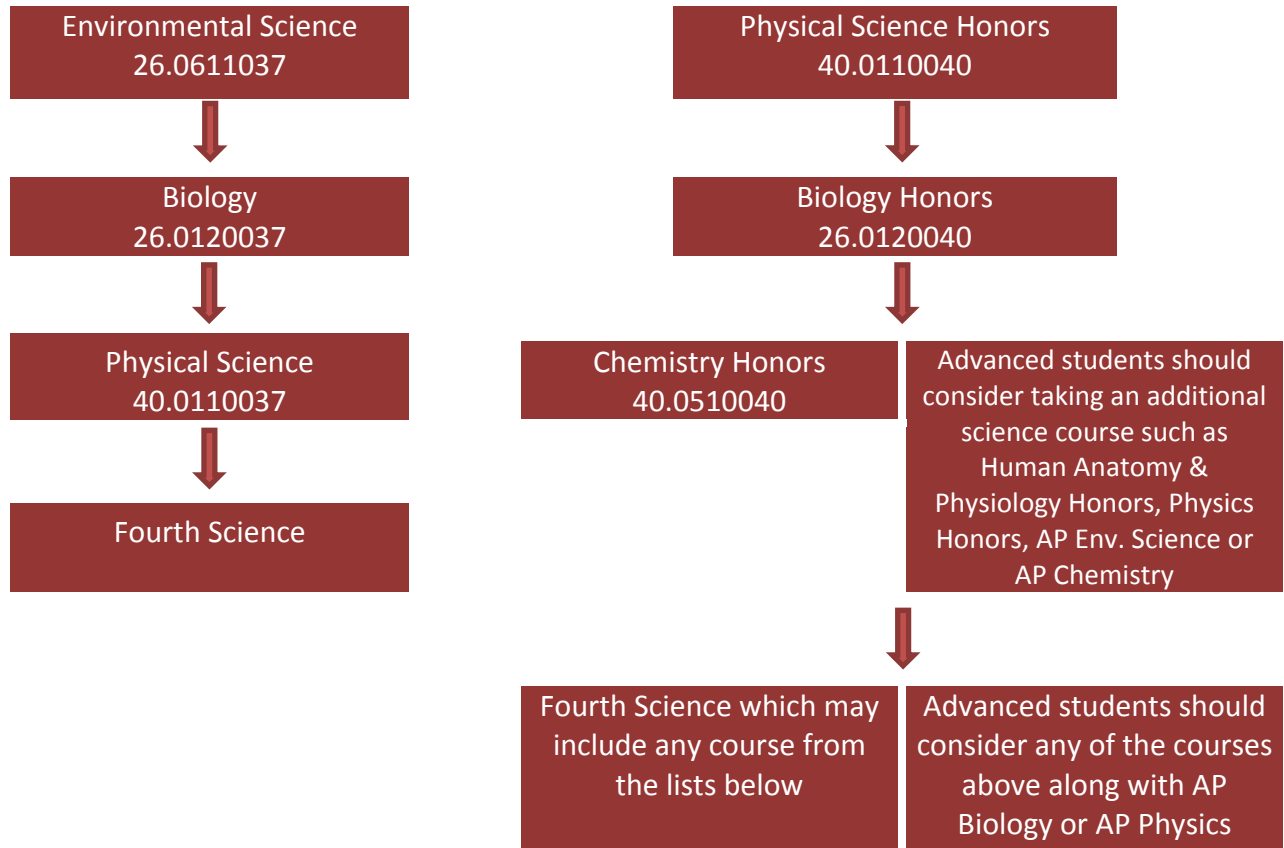
The Heritage High School Science Department offers advanced students several options to prepare themselves for science related college majors and career options. We encourage our most advanced students to take 2 science classes their junior and senior years to get them most out of our advanced options at the Honors and Advanced Placement level. Students who would like to maximize their advanced science courses should consult with science teachers/school counselors regarding how to plan their course of study.

Students MUST have Biology, Physical Science, and either Environmental Science OR Chemistry to meet graduation requirement. There are many options available to students for their 4th science class including Human Anatomy and Physiology, Zoology, Forensic Science, Chemistry, Physics, AP science courses and several Career Tech classes.

CTAE courses which count for graduation credit as 4th science:

General Horticulture and Plant Science (01.4610000)
Animal Science Technology/Biotechnology (02.4210000)
Computer Science Principles (11.4710000)
Programming, Games, Apps and Society (11.4710000)
Essentials of Healthcare (25.4400000)

SCIENCE DEPARTMENT COURSE OFFERINGS



FOURTH SCIENCE OPTIONS

Human Anatomy and Physiology 26.0730037
Zoology 26.0710000
Forensic Science 40.0930000
Chemistry 40.0510037
Some CTAE courses will also count as 4 th science

HONORS OPTIONS FOR FOURTH SCIENCE & BEYOND

Human Anatomy and Physiology Honors 26.0730040
Physics Honors 40.0810040
AP Physics 40.0831040
AP Chemistry 40.0530040
AP Environmental Science 26.0620040
AP Biology 26.0140040

ENVIRONMENTAL SCIENCE

Course Number: 26.0611037

Open to freshmen

Prerequisites: None

The Environmental Science curriculum is designed to extend student investigations that began in grades K-8. It integrates the study of many components of our environment, including the human impact on our planet. The concepts integrated into this course include: flow of energy and cycling of matter, interconnection of all life, stability and change in an ecosystem, conservation and resource allocation, and evaluation of human activities and technology.

BIOLOGY (COLLEGE PREP AND HONORS)

Course Numbers:

26.0120037 (CP)

26.0120040 (Honors)

Open to sophomores

Prerequisites: None

End of Course Exam required

This course will introduce you to the basics of biology – living science. We will focus on the five domains of biology as set forth by the Georgia Department of Education. These five domains are: Cells, Organisms, Genetics, Ecology, and Evolution. At the completion of the course, students will have a broad knowledge base of living organisms and natural processes. This class will also help to prepare students for future biology courses such as AP Biology.

PHYSICAL SCIENCE (COLLEGE PREP AND HONORS)

Course Numbers:

40.0110037 (CP)

40.0110040 (Honors)

Open to freshmen at Honors level, juniors at CP level

Prerequisites: Honors level requires advanced math skills

End of Course Exam required

The Physical Science Georgia Standards of Excellence are designed as a survey of the core ideas in the physical sciences. Those core ideas will be studied in more depth during in the chemistry and physics courses. The physical science standards include abstract concepts such as the conceptualization of the structure of atoms and the role they play in determining the properties

of materials, motion and forces, the conservation of energy and matter, wave behavior, electricity, and the relationship between electricity and magnetism. Students investigate physical science concepts through the study of phenomena, experiences in laboratory settings, and field work.

CHEMISTRY (COLLEGE PREP AND HONORS)

Course Numbers:

40.0510037 (CP)

40.0510040 (Honors)

Open to juniors/seniors

Prerequisites: Physical Science

This course asks students to explore basic chemistry concepts and the impact of those concepts on real-life applications. Problem solving, critical thinking, and laboratory skills are emphasized. Major topics include: atomic theory and structure, the periodic table, chemical reactions, stoichiometry, thermochemistry, gas laws, and acids/bases. Honors Chemistry is an accelerated, lab-oriented, in-depth study of the fundamental concepts of chemistry with an emphasis on observing patterns, recognizing cause and effect, and finding relationships between energy and matter. Major topics include: atomic theory and structure, the periodic table, chemical reactions, stoichiometry, phases of matter, thermochemistry, and acids/bases.

ZOOLOGY

Course Number: 26.0710000

Open to juniors/seniors

Prerequisites: Biology

This course is an introduction to Zoology, the study of animal life. Students will find the study of Zoology both fascinating and challenging as they will become Zoologists. This course will provide an opportunity for students to explore the classification of animals which includes a survey of the nine major phyla of animals in the kingdom. Students will study everything about animals, including their anatomy and physiology. They will examine the relatedness and evolutionary history of animals as well as their roles in their respective environment. As humans, we are intricately tied to animal life – we've depended on many of them for food, work, friendship throughout our evolution and history....not to mention that we ARE animals!

FORENSIC SCIENCE

Course Number: 40.0930000

Open to juniors/seniors

Prerequisites: Physical Science and Biology

Forensic science is the practical application of science to matters of the law. In criminal law, forensic science can help prove the guilt or innocence of the defendant. In civil matters, forensics can help resolve a broad spectrum of legal issues through the identification, analysis and evaluation of physical science. Forensic science draws upon a variety of scientific principles, including biology, physics, and chemistry. The field of forensic science covers, but is not limited to: document examination, DNA analysis, electronic, digital media, fingerprinting, autopsy techniques, forensic anthropology, pathology, toxicology, forensic odontology, crime scene analysis, criminal profiling (serial killers), etc.

HUMAN ANATOMY & PHYSIOLOGY (COLLEGE PREP AND HONORS)

Course Numbers:

26.0730037 (CP)

26.0730040 (Honors)

Open to juniors/seniors

Prerequisites:

(CP) Biology and Physical Science

(Honors) Biology and Chemistry

This course will introduce you to the fundamental concepts of Human Anatomy and Physiology. We will focus on the domains of Human Anatomy as set forth by the Georgia Department of Education. During our class, we will explore each of the 11 human body systems, the components of each system, how the system functions, the diseases that affect each system and the interdependence of each system to form an organism. This lab-based course will allow students to fully explore each body system in detail and will prepare students for future biology and human anatomy courses. Honors Human Anatomy & Physiology is extremely beneficial for students who plan to take AP Biology and/or complete a Health Science career pathway.

PHYSICS HONORS

Course Number: 40.0810040

Open to juniors/seniors

Prerequisites: Algebra and Geometry

Physics is the study of Matter and Energy and their interactions. The main topics we'll be covering are: Motion, Forces, Energy, Waves (sound & light), Electricity, and Magnetism. Laboratory experiences will be used to reinforce these concepts. You find out more about why things work the way they do in our world. It will teach you critical-thinking and problem-solving skills; and, it will give you the foundation you will need when you take college Physics

ADVANCED PLACEMENT (AP) PHYSICS

Course Number: 40.0831040

Open to juniors/seniors

Prerequisites: Physics

AP Physics 1 is an algebra-based, introductory college-level course that is ideal for college-bound students interested in science, engineering, computer science or medicine. It follows the AP guidelines set by the College Board. We will be focusing on topics over straight-line motion, forces, newton's laws, collisions, work, energy, rotation, gravity, mechanical waves, sound, simple harmonic motion, and electricity. This class will require explanations and verbal responses much more than calculations and numerical answers. It is only when you can explain the meaning of a result that you may truly claim to understand physics.

ADVANCED PLACEMENT (AP) CHEMISTRY

Course Number: 40.0530040

Open to juniors/seniors

Prerequisites: Honors Chemistry and Honors Algebra II

Preliminary assignments required

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Honors Chemistry and AP Chemistry are recommended for the same school year. Preparatory

assignments for the AP course are provided in November or December preceding the start of AP Chemistry class in January.

ADVANCED PLACEMENT (AP) BIOLOGY

Course Number: 26.0140040

Open to juniors/seniors

Prerequisites: Biology Honors

Recommendations: Chemistry Honors

Preliminary assignments required

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year of college. The aim of this class is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE

Course Number: 26.0620040

Open to juniors/seniors

Prerequisites: At least 2 years of lab science (Phys. Science, Biology, Chemistry) AND at least one year of Algebra

Summer assignments required

AP Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science.

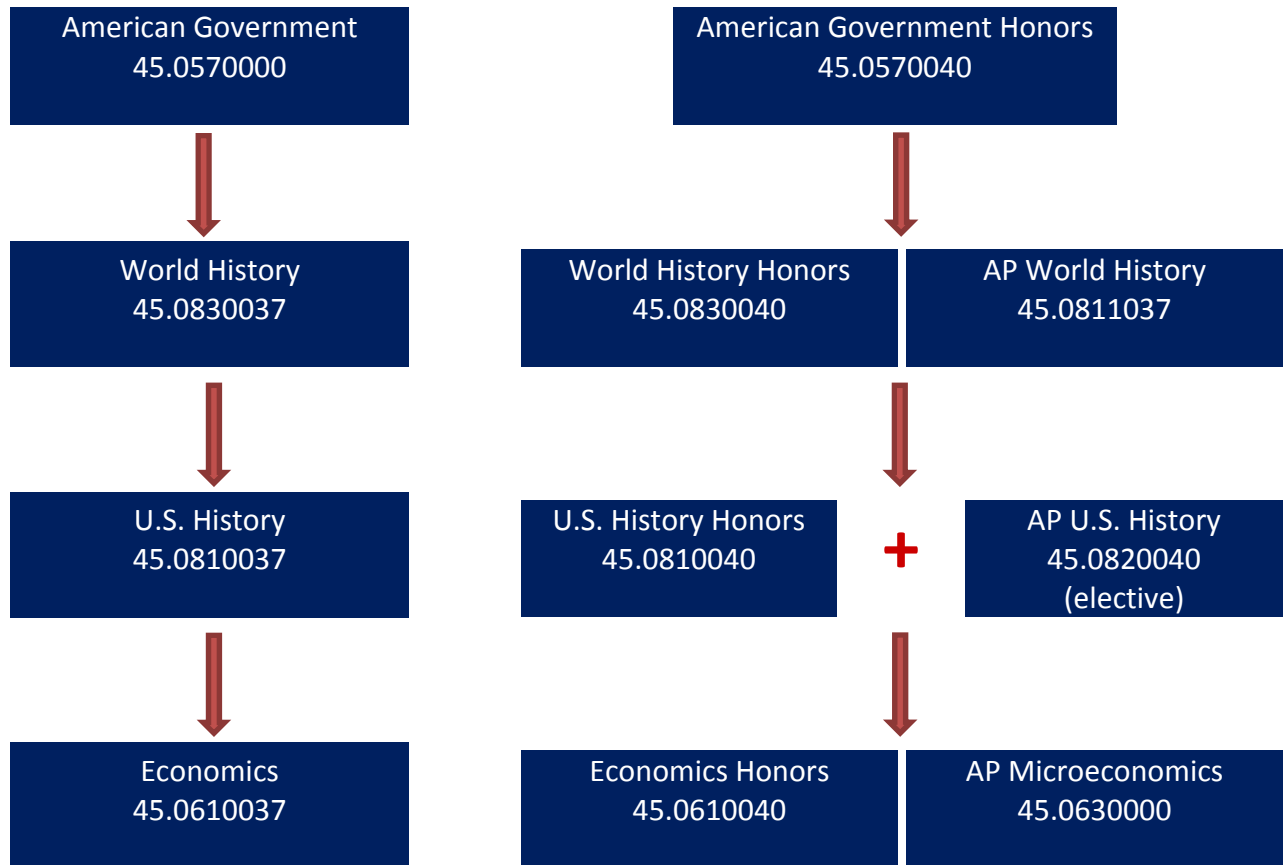
SOCIAL STUDIES DEPARTMENT

Kelley Zipp, Department Head

Social Studies Courses Required for Graduation:

Students are required to earn four Social Studies course credits to fulfill the graduation requirements. End of Course exams are required in U.S. History and Economics.

SOCIAL STUDIES DEPARTMENT COURSE OFFERINGS



SOCIAL STUDIES ELECTIVES

Psychology 45.0150037
AP Psychology 45.0160040
AP Human Geography 45.0770000
AP Government 45.0520000
History Through Film (Humanities) 45.0140000

American Government (College Prep and Honors)

Course Numbers:

45.0570000 (CP)

45.0570040 (Honors)

Open to freshmen

Prerequisites: None

The government course provides students with a background in the philosophy, functions, and structure of the United States government. Students examine the philosophical foundations of the United States government and how that philosophy developed. Students also examine the structure and function of the United States government and its relationship to states and citizens. Learners in an honors setting will engage in diverse and authentic learning experiences designed to promote advanced communication, research, creative thinking, problem-solving, and critical thinking skills.

World History (College Prep and Honors)

Course Numbers:

45.0830037 (CP)

45.0830040 (Honors)

Open to sophomores

Prerequisites: None

The high school world history course provides students with a comprehensive, intensive study of major events and themes in world history. Students begin with a study of the earliest civilizations worldwide and continue to examine major developments and themes in all regions of the world. The course culminates in a study of change and continuity and globalization at the beginning of the 21st century.

U.S. History (College Prep and Honors)

Course Numbers:

45.0810037 (CP)

45.0810040 (Honors)

Open to juniors

Prerequisites: None

End of Course Exam required

U. S. History fulfills the graduation requirement of one semester as established by the State of Georgia. The high school United States history course provides students with a survey of major events and themes in United States history. The course begins with English settlement and concludes with significant developments in the early 21st Century.

Economics (College Prep and Honors)

Course Numbers:

45.0610037 (CP)

45.0610040 (Honors)

Open to seniors

Prerequisites: None

End of Course Exam required

Economics is a required course which is designed to introduce students to fundamental economic concepts, the comparative economic systems, the principles of microeconomics and macroeconomics, and the decision making of individuals, firms and governments. The course is divided into five units, including: fundamental concepts, microeconomics, macroeconomics, international economics, and personal finance. A study of economics provides students with varied opportunities to explore the concept of choice in their lives, in the US Economy, and in international economics. These choices are often financial, but they may extend beyond the realm of “money”, to concerns about quality of life, happiness and success. Subsequently, the bulk of the work in this class is designed to develop the students’ ability to understand the complexity of the economic, political and social world around them.

Advanced Placement (AP) World History

Course Number: 23.0520040

Open to all

Prerequisites: none

The AP World course focuses on the development of practices and skills, not just the collection and memorization of information and events. While teaching students how to analyze a point of view and to interpret historical evidence you can use to build and support an argument. While also, learning to weigh evidence and interpretations as you build your knowledge of world historical processes and themes. Develop your ability to draw conclusions and use informed reasoning to present your arguments clearly and persuasively in essay format.

Advanced Placement (AP) U.S. History

Course Number: 45.0820040

Open to juniors/seniors

Prerequisites: U.S. History Honors

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

Advanced Placement (AP) Microeconomics

Course Number: 45.0630000

Open to seniors

Prerequisites: None

End of Course Exam required

The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both

consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The course covers the following topics: Basic economic concepts, the nature and functions of product markets, factor markets and market failure and the role of government.

Advanced Placement (AP) Human Geography

Course Number: 45.0770000

Open to

Prerequisites: None

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Psychology

Course Number: 45.0150037

Open to all

Prerequisites: None

Psychology is a social science which focuses on the study of human behavior. As an introduction to the field of psychology, this course includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications. The course is organized into nine units, including: History & Approaches in Psychology, Research Methods, Biological Foundations of Psychology, Behavior, Learning, & Cognition, Human Development, Personality Theory, Abnormal Behavior and Treatment, and Social Psychology. Through the study of psychology, students gain a better understanding how individuals develop, behave, think, learn, interact, and develop. The content of the course is highly applicable, allowing students to better understand their own behavior and the behaviors of others.

Advanced Placement (AP) Psychology

Course Number: 45.0160040

Open to juniors/seniors

Prerequisites: None

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

Advanced Placement (AP) Government

Course Number: 45.0520000

Open to juniors/seniors

Prerequisites: American Govt. Honors and U.S. History Honors

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project.

History Through Film (Humanities)

Course Number: 45.0140000

Open to juniors/seniors

Prerequisites: U.S. History Honors

What happens when you watch a feature film about a historical event or time period? Do you ever question the authenticity of the film? Do you ever wonder if the events actually happened or the people existed? Research by Peter Seixas shows that students will typically approach films that they watch uncritically. Thus, there are two distinct purposes for this class: to further the learning and knowledge of American History through the use of feature films and to examine the film's role within the larger societal context both in terms of the accuracy and impact.

This class is not just watching movies, the most important learning comes through the directed individual learning and group discussion that comes with each film. Each week will consist with the watching of the film, work, and 1 to 1 ½ days of discussion.

There are thousands upon thousands of films that could be used for this class. However, there are some that are simply not appropriate for the setting due to a variety of factors. While the films are carefully selected there are instances where abusive/foul language, violence, and innuendo will be present. Therefore, it will be required that all students have a permission slip signed in order to participate.

CAREER, AGRICULTURE, AND TECHNOLOGY EDUCATION (CTAE)

Dr. Eric Schexnaildre, CTAE Coordinator/Assistant Principal

CTAE Courses Required for Graduation:

Students are required to earn 3 credits in the area of CTAE, Fine Arts and/or World Language. Students who complete a pathway (3 specific courses in the same area) are required to take an End of Pathway assessment. Catoosa County Schools requires students to earn a credit in the “From Here to Career” course to graduate.

CTAE Pathways Offered at Heritage High School Include:

- **Agriculture:** Plant and Floriculture Systems, Horticulture and Forest Science, Horticulture and Animal Science and Forestry and Animal Science
- **Architectural/Engineering Drawing and Design**
- **Audio/Video Technology and Film**
- **Early Childhood Care and Education**
- **Graphic Design and Graphic Communication**
- **Law Enforcement Services/Criminal Investigations**
- **Health Occupations:** Therapeutic Services, Allied Health and Medicine, Emergency Medical Responder, and Certified Nurse’s Assistant (CNA)
*through GNWTC
- **Web and Digital Design and Programming**

Work Based Learning:

Work Based Learning is a program where students take classes part of the day and work a job part of the day. Mrs. Helton oversees this program. Information is available in the Career Center and in the Counseling office.

Independent Study:

Students who complete a career pathway may be eligible to take additional courses in that pathway area with teacher approval.

FROM HERE TO CAREER

Course Number: 35.0680000

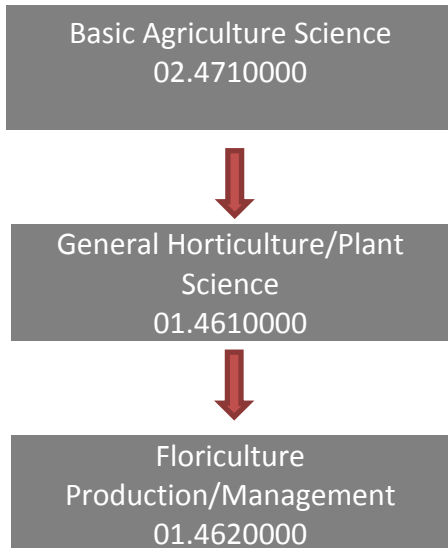
Required for all freshmen

Prerequisites: None

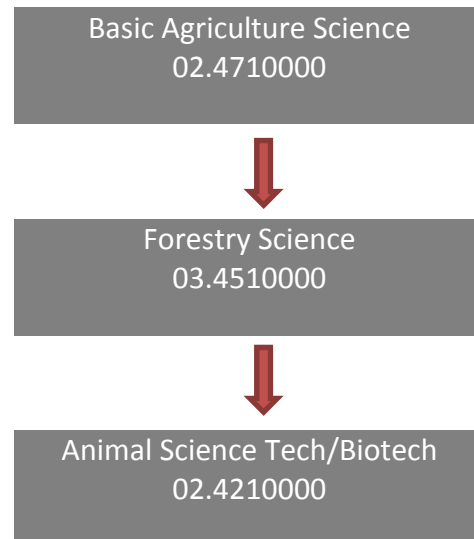
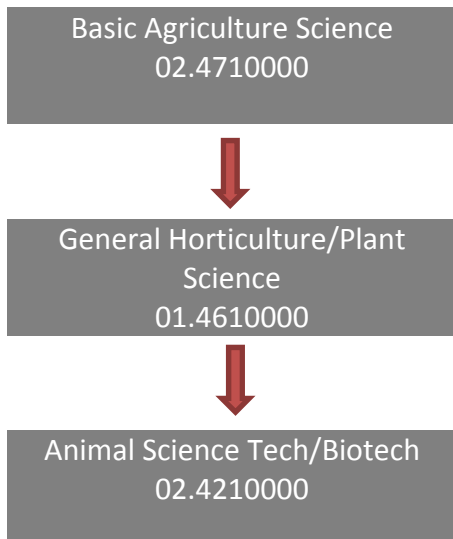
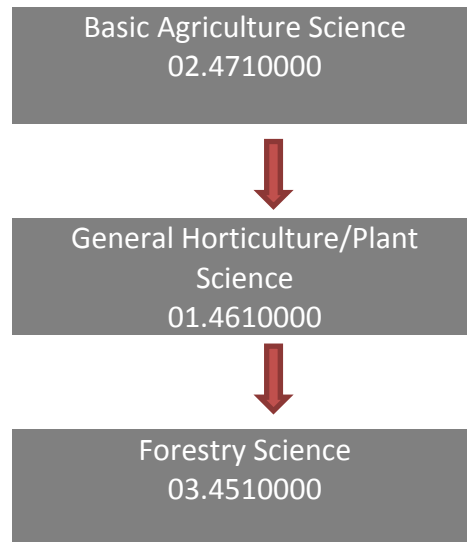
This course is a graduation requirement for all Catoosa County Schools. The “From Here to Career” course is a career exploration course within the CTAE department. The course is designed for students as a gateway to high school and will lead them as they identify a high school graduation plan, post-secondary options and eventually a best-fit career. Emphasis is placed on identifying and developing personal aptitudes that will benefit them throughout their educational and career journey. Students will explore how these natural strengths can be leveraged throughout life. Employability skills are integrated into activities, tasks, and projects throughout the course to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of American (FBLA), are integral components of both the employability skills standards and content standards for this course. The intention of this course is to prepare students to be successful both personally and professionally in school and throughout their careers. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course.

AGRICULTURE PATHWAYS
CAREER CLUB CONNECTION: FFA

Plant & Floriculture Systems



Horticulture and Forest Science



BASIC AGRICULTURE SCIENCE

Course Numbers: 02.4710000

Open to all

Prerequisites: None

This course is designed as the foundational course for all Agriculture, Food & Natural Resources Pathways. The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course is the prerequisite for all AFNR pathways and is intended for students in grades 9-10.

GENERAL HORTICULTURE/PLANT SCIENCE

Course Numbers: 01.4610000

Open to all

Prerequisites: Basic Agriculture Science

This course is designed as an introduction for the Horticulture-Plant Science Pathway Program of Study. The course introduces the major concepts of plant and horticulture science. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

FLORICULTURE PRODUCTION/MANAGEMENT

Course Numbers: 01.4620000

Open to sophomores/juniors/seniors

Prerequisites: Basic Ag. Sci AND General Horticulture/Plant Sci

This course is designed to introduce students to the principles and practices of floriculture production. Students will develop floriculture skills and the basic understanding necessary to be successful in entry-level positions in the floriculture industry. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

FORESTRY SCIENCE

Course Numbers: 03.4510000

Open to sophomores/juniors/seniors

Prerequisites: Basic Ag. Sci

This course provides entry-level skills for employment in the forest industry and for further study. The course covers establishing forests by natural and artificial means, maintaining and surveying forests, identifying and protecting trees, practicing silviculture, measuring trees and land, mapping, preparing for timber sales and harvest, employing multiple-use resource management, keeping records, and figuring taxes. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

ANIMAL SCIENCE TECH/BIOTECH

Course Numbers: 02.4210000

Open to sophomores/juniors/seniors

Prerequisites: Basic Ag. Sci AND General Horticulture/Plant Sci OR Forestry Sci

This course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. This course introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

ARCHITECTURE/ENGINEERING PATHWAYS

CAREER CLUB CONNECTION: SkillsUSA

Engineering Drafting & Design

Intro to Drafting and Design
48.5410000



Survey of Engineering Graphics
48.5420000



3d Modeling and Analysis
48.5430000

Architectural Drawing and Design

Intro to Drafting and Design
48.5410000



Architectural Draw and Design I
48.5450000



Architectural Draw and Design II
48.5460000

INTRODUCTION TO DRAFTING AND DESIGN

Course Number: 48.5410000

Open to all

Prerequisites: none

Introduction to Drafting and Design is the foundational course for the Architectural Drafting and Design pathway. Emphasis is placed on safety, geometric construction, fundamentals of computer-aided drafting, and multi-view drawings. Students learn drafting techniques through the study of geometric construction at which time they are introduced to computer-aided drafting and design. The standards are aligned with the national standards of the American Design Drafting Association (ADDA). Pre-requisite for this course is advisor approval

SURVEY OF ENGINEERING GRAPHICS

Course Number: 48.5420000

Open to sophomores/juniors/seniors

Prerequisites: Intro. To Drafting & Design

Survey of Engineering Graphics is the second course in the Engineering Drafting and Design Career Pathway. The course is designed to build student skills and knowledge in the field of engineering graphics/technical drafting. The course focus includes employability skills, career opportunities, applied math, working drawings that include sectional, auxiliary, detail and pictorial views, and pattern developments. In addition, elements in applied mathematics are integrated throughout the course. The prerequisite for this course is Introduction to Drafting & Design.

3-D MODELING AND ANALYSIS

Course Number: 48.5430000

Open to juniors/seniors

Prerequisites: Intro. To Drafting & Design and Survey of Engineering Graphics

Three-Dimensional (3D) Modeling and Analysis is a one-credit course that completes the pathway in Engineering Drafting and Design. Reverse engineering strategies are recommended for third level working drawings. Computer-aided design (CAD) is recommended for use extensively with each standard in the course. Focus is on employability strategies, career studies, applied math, fasteners, working drawings, and assembly drawings. The final culmination is a presentation project that contains information mastered throughout the three courses. The prerequisite for this course is Survey of Engineering Drafting & Design.

ARCHITECTURAL DRAWING AND DESIGN I

Course Number: 48.5450000

Open to sophomores/juniors/seniors

Prerequisites: Intro. To Drafting & Design

Architectural Drawing and Design I is the second course in the Architectural Drawing and Design pathway and introduces students to the basic terminology, concepts, and principles of architectural design. Emphasis is placed on house designs, floor plans, roof designs, elevations (interior and exterior), schedules, and foundations. The standards are aligned with the drafting and design standards in Georgia's technical colleges, thus helping students qualify for advanced placement to continue their education at the postsecondary level. Students who successfully complete this and other drafting courses should be prepared to take the End of Pathway Assessment. Competencies for the co-curricular student organization, SkillsUSA, are integral components of both the core employability skills standards and the technical skills standards. The prerequisite for the course is Introduction to Drafting and Design.

ARCHITECTURAL DRAWING AND DESIGN II

Course Number: 48.5460000

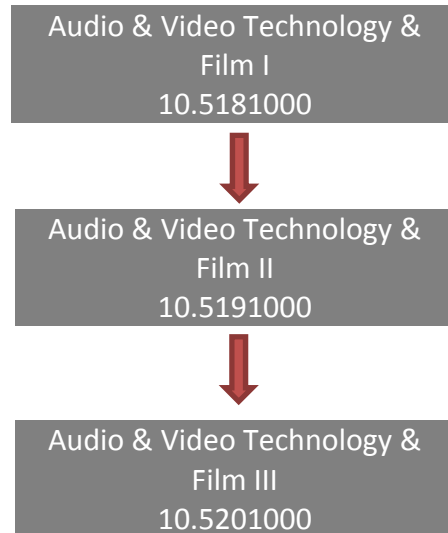
Open to juniors/seniors

Prerequisites: Intro. To Drafting & Design and Architectural Drawing & Design I

Architectural Drawing and Design II is the third course in the Architectural Drawing and Design pathway and builds on the skills developed in Architectural Drawing and Design I. Emphasis is placed on the design process, site plans, electrical plans, plumbing plans, sections and details, project presentations, and a course portfolio. The standards are aligned with the drafting and design standards in Georgia's technical colleges, thus helping students qualify for advanced placement should they continue their education at the postsecondary level. Students who successfully complete this and other drafting courses should be prepared to take an End of Pathway Assessment. Competencies for the co-curricular student organization, SkillsUSA, are integral components of both the core employability skills standards and the technical skills standards. The prerequisite for this course is Introduction to Drafting and Design and Architectural Drawing and Design I.

AUDIO/VISUAL TECHNOLOGY AND FILM PATHWAY

CAREER CLUB CONNECTION: SkillsUSA



AUDIO & VIDEO TECHNOLOGY & FILM I

Course Number: 10.5181000

Open to all students

Prerequisites: none

This course will serve as the foundational course in the Audio & Video Technology & Film pathway. The course prepares students for employment or entry into a post-secondary education program in the audio and video technology career field. Topics covered may include, but are not limited to: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics. Skills USA and Technology Student Association (TSA) are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program. All material covered in Audio & Video Technology & Film I will be utilized in subsequent courses. The pre-requisite for this course is advisor approval.

AUDIO & VIDEO TECHNOLOGY & FILM II

Course Number: 10.5191000

Open to sophomores/juniors/seniors

Prerequisites: Audio & Video Tech & Film I

This one credit course is the second in a series of three that prepares students for a career in Audio Video Technology and Film production and/or to transfer to a postsecondary program for further study. Topics include Planning, Writing, Directing and Editing a Production; Field Equipment Functions; Operational Set-Up and Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics. Skills USA and Technology Student Association (TSA) are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program.

AUDIO & VIDEO TECHNOLOGY & FILM III

Course Number: 10.5201000

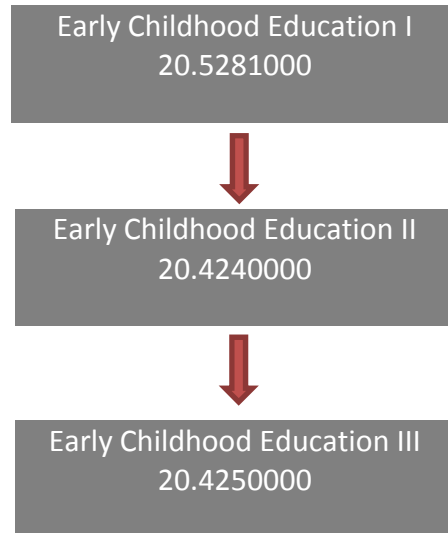
Open to sophomores/juniors/seniors

Prerequisites: Audio & Video Tech & Film I & II

This one-credit transition course is designed to facilitate student-led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production. Skills USA and Technology Student Association (TSA) are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program.

EARLY CHILDHOOD CARE AND EDUCATION PATHWAY

CAREER CLUB CONNECTION: FCCLA



EARLY CHILDHOOD EDUCATION I

Course Number: 20.5281000

Open to all

Prerequisites: none

Early Childhood Education II is the second course in the Early Childhood Care and Education pathway and further prepares the student for employment in early childhood care and education services. The course provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications. Early childhood care, education, and development issues are also addressed and include health, safety, and nutrition education; certification in CPR/First Aid/Fire Safety; information about child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses. Mastery of standards through project based learning, laboratory application, technical skills practice, and leadership development activities of the career and technical student organizations will provide students with a competitive edge for either entry into the education global marketplace and/or the post-secondary institution of their choice when continuing their education and training.

EARLY CHILDHOOD EDUCATION II

Course Number: 20.4240000

Open to sophomores/juniors/seniors

Prerequisites: Early Childhood Ed. I

Early Childhood Education II is the second course in the Early Childhood Care and Education pathway and further prepares the student for employment in early childhood care and education services. The course provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications. Early childhood care, education, and development issues are also addressed and include health, safety, and nutrition education; certification in CPR/First Aid/Fire Safety; information about child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses. Mastery of standards through project based learning, laboratory application, technical skills practice, and leadership development activities of the career and technical student organizations will provide students with a competitive edge for either entry into the education global marketplace and/or the post-secondary institution of their choice when continuing their education and training.

EARLY CHILDHOOD EDUCATION III

Course Number: 20.4250000

Open to juniors/seniors

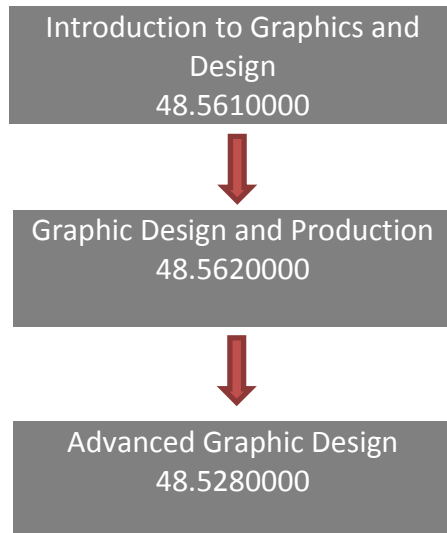
Prerequisites: Early Childhood Education I AND II

Early Childhood Education III is the third course in the Early Childhood Care and Education pathway and one option for program completers who may not have the opportunity of participating in the Early Childhood Education Internship. The course provides in-depth study of early brain development and its implications for early learning, appropriate technology integration, and developmentally appropriate parenting and child guidance trends. Also addressed are collaborative parent/teacher/child relationships and guidance, child directed play, the changing dynamics of family culture and diversity, the causes and effects of stress on young children, and infant nutrition. Mastery of standards through project based learning, laboratory application, technical skills practice, and leadership development activities of the career and technical student organizations will provide students with a competitive edge for either entry into the education global marketplace and/or the post-secondary institution of their choice when continuing their education and training.

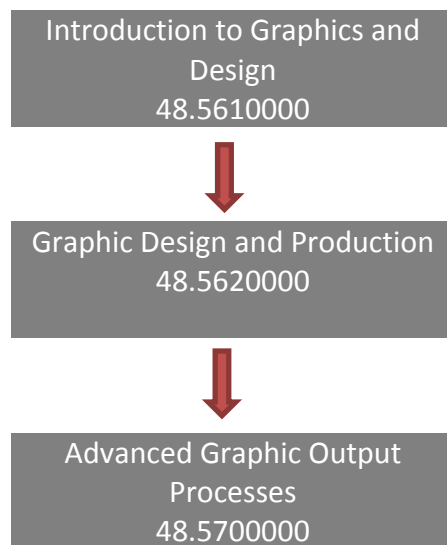
GRAPHIC DESIGN AND GRAPHIC COMMUNICATION PATHWAYS

CAREER CLUB CONNECTION: SkillsUSA

Graphic Design



Graphic Communication



INTRODUCTION TO GRAPHICS AND DESIGN

Course Number: 48.5610000

Open to all

Prerequisites: none

This course is designed as the foundational course for both the Graphics Production and Graphics Design pathways. The Graphics and Design course provides students with the processes involved in the technologies of printing, publishing, packaging, electronic imaging, and their allied industries. In addition, the Graphics and Design course offers a range of cognitive skills, aesthetics, and crafts that includes typography, visual arts, and page layout.

GRAPHIC DESIGN AND PRODUCTION

Course Number: 48.5620000

Open to all

Prerequisites: Intro to Graphics and Design

As the second course in the Graphics Communication and Graphics Design Pathways, this course builds on knowledge and skills learned in the Introduction to Graphics and Design course and focuses on procedures commonly used in the graphic communication and design industries. Students will gain more experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic design and graphic communications.

ADVANCED GRAPHIC DESIGN

Course Number: 48.5280000

Open to all

Prerequisites: Intro to Graphics and Design AND Graphic Design and Production

Students will continue to explore in an increasingly independent manner, the principles of design and layout procedures relating to the field of graphic design. Content will cover electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing. Knowledge and skills in digital design and imaging will be enhanced through experiences that simulate the graphic design industry and school-based and work-based learning opportunities. This is the final course in the Graphic Design pathway.

ADVANCED GRAPHIC OUTPUT PROCESSES

Course Number: 48.5700000

Teacher permission required

Prerequisites: Intro to Graphics and Design AND Graphic Design and Production

As the third course in the Graphics Communication Pathway, students will gain more advanced levels of experience to complete the output processes of various projects in an increasingly independent manner. Students also learn to manage the output and completion process as a whole including customer relations management, printing, finishing, and binding. Students will continue to accumulate work samples that will constitute their personal portfolio. Upon successful completion of the course, students are prepared to move into employment or a post-secondary educational environment where self-motivation and a high level of skill are expected. This is the final course in the Graphic Communication Pathway.

LAW ENFORCEMENT SERVICES/CRIMINAL INVESTIGATIONS PATHWAY

CAREER CLUB CONNECTION: SkillsUSA

Introduction to Law, Public
Safety, Corrections and Security
43.450000



Criminal Justice Essentials
43.451000



Criminal Investigations
43.453000

INTRODUCTION TO LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

Course Number: 43.4500000

Open to all

Prerequisites: none

Introduction to Law, Public Safety, Corrections, and Security (LPSCS) is the pre-requisite for all other courses within the Career Cluster. This course provides students with career-focused educational opportunities in various LPSCS fields. It examines the basic concepts of law related to citizens' rights and the responsibilities, and students will receive instruction in critical skill areas including: communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law. Career planning and employability skills will be emphasized.

CRIMINAL JUSTICE ESSENTIALS

Course Number: 43.4510000

Open to sophomores/juniors/seniors

Prerequisites: Intro to Law, Public Safety, Corrections and Security

Criminal Justice Essentials provides an overview of the criminal justice system. Starting with historical perspectives of the origin of the system, the course reviews the overall structure. Students will become immersed in criminal and constitutional law and will review basic law enforcement skills. The course ends with a mock trial to provide participants with a first-hand experience of the criminal justice system. The course will also provide in-depth competencies and components for the co-curricular SkillsUSA student organization that should be incorporated throughout instructional strategies of the course. Participation in additional student organizations that align with Law, Public Safety, Corrections and Security pathways (i.e. mock trial) is encouraged to enhance standards addressed in the curriculum.

CRIMINAL INVESTIGATIONS

Course Number: 43.4530000

Open to sophomores/juniors/seniors

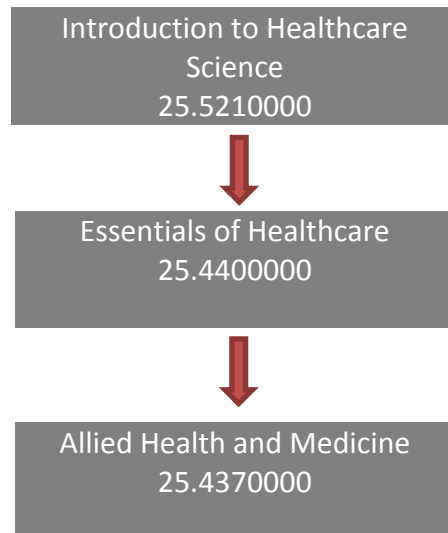
Prerequisites: Intro to Law, Public Safety, Corrections and Security AND Criminal Justice Essentials

This course is designed to provide students with an opportunity to explore the basic processes and principles of a criminal investigation. Students will learn the legal responsibilities and challenges of the patrol officer, investigator, and crime scene technician at a crime scene. Students will learn the importance of preserving and documenting the crime scene along with the identification, collection, and processing of evidence and the contribution to the criminal investigation. This course is one of two choices that may be selected for the law enforcement pathway.

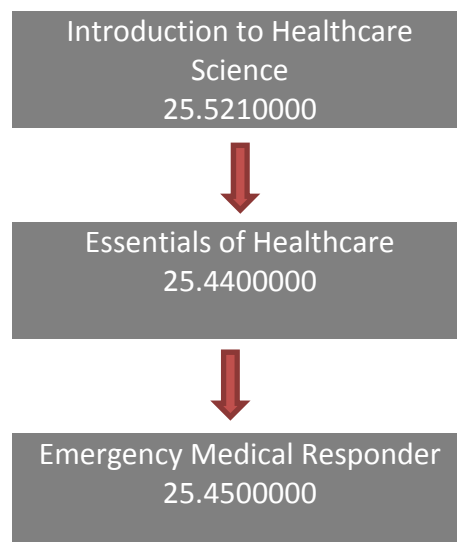
HEALTH OCCUPATIONS PATHWAYS

CAREER CLUB CONNECTION: HOSA

Therapeutic Services/Allied Health & Medicine



Emergency Medical Responder



INTRODUCTION TO HEALTHCARE SCIENCE

Course Number: 25.5210000

Open to all

Prerequisites: none

Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

ESSENTIALS OF HEALTHCARE

Course Number: 25.4400000

Open to sophomores/juniors/seniors

Prerequisites: Intro to Healthcare Science

Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. This course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections between medical procedures and the pathophysiology of diseases and disorders. The pre-requisite for this course is Introduction to Healthcare.

ALLIED HEALTH AND MEDICINE

Course Number: 25.4370000

Open to juniors/seniors

Prerequisites: Intro to Healthcare Science AND Essentials of Healthcare

This course is designed to offer students (preferably upper classmen - juniors or seniors) the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of various allied health opportunities. Students focusing on a career path in the healthcare field may apply classroom/lab knowledge and skills in the clinical setting as they participate in direct or simulated client care. The curriculum allows instructors to provide options for classroom/student growth opportunities in area(s) of interest to the student. These options may be determined by community need, available resources, and/or student interest, etc. This course was developed according to a basic 50-minute class time frame, but may be adjusted according to local system schedules. Instructors may select which classroom content standards 1-14 best meet his/her individual classroom needs in addition to the required clinical/capstone project to equal total class time available for the course.

EMERGENCY MEDICAL RESPONDER

Course Number: 25.4500000

Teacher permission required, application process

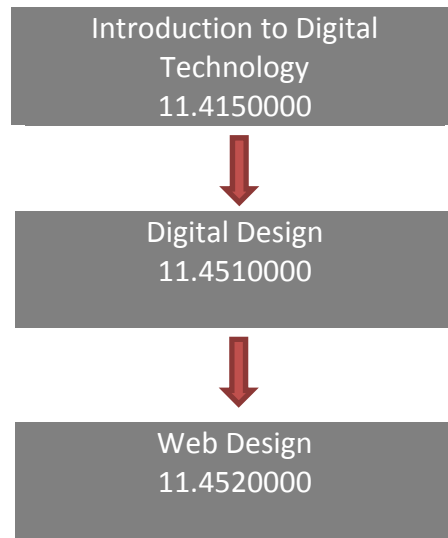
Prerequisites: Intro to Healthcare Science AND Essentials of Healthcare

The Emergency Medical Responder (EMR) course prepares the student to provide initial stabilizing care to the sick or injured prior to the arrival of Emergency Medical Services Professionals (EMS), and to assist EMS personnel in transporting patients for definitive care at an appropriate hospital/facility. Major areas of instruction include Introductory Medical Terminology and Anatomy & Physiology; Responder Safety; Incident Command; Blood-borne Pathogen Training; Basic Physical Assessment; and Treatment of Trauma and Medical Emergencies; Cardiopulmonary Resuscitation and the use of Automatic External Defibrillators (AEDs). The course is a blend of lecture, hands on lab/learning, and practical scenario-based learning/testing. The course will include Healthcare Provider CPR/AED Certification from a Nationally Recognized Body (American Heart Association or Red Cross, etc.). If this course is also approved by the Georgia State Office of Emergency Medical Services and Trauma (SOEMST), successful completion will allow the student to be eligible to take the National Registry of Emergency Medical Technicians (NREMT) Emergency Medical Responder (EMR) certification. Topics include: Preparatory; Anatomy and Physiology; Medical Terminology; Pathophysiology; Life Span Development; Public Health; Pharmacology; Airway; Management; Respiration and Artificial Ventilation; Assessment; Medicine; Shock and Resuscitation; Trauma; Special Patient Populations; EMS Operations; and Integration of Patient Assessment and Management.

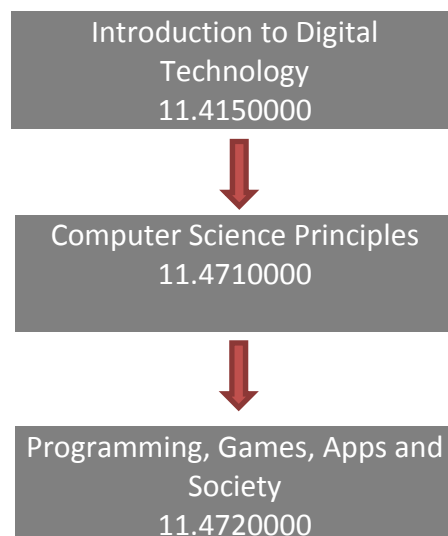
WEB AND DIGITAL DESIGN AND PROGRAMMING PATHWAYS

CAREER CLUB CONNECTION: FBLA

Web and Digital Design



Programming



INTRODUCTION TO DIGITAL TECHNOLOGY

Course Number: 11.4150000

Open to all

Prerequisites: none

Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project focused tasks. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of both the employability skills standards and content standards for this course. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the digital world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction to digital world. Introduction to Digital Technology is a course that is appropriate for all high school students.

DIGITAL DESIGN

Course Number: 11.4510000

Open to sophomores/juniors/seniors

Prerequisites: Introduction to Digital Technology

Using web design as the platform for product design and presentation, students will create and learn digital media applications using elements of text, graphics, animation, sound, video and digital imaging for various format. The digital media and interactive media projects developed and published showcase the student skills and ability. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, digital citizenship, and web processes. Students will create and design web sites that incorporate digital media elements to enhance content of web site. Various forms of technologies will be used to expose students to resources, software, and applications of media. Professional communication skills and practices, problem-solving, ethical and legal

issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. Digital Design is the second course in the Web and Digital Design pathway in the Information Technology cluster.

WEB DESIGN

Course Number: 11.4520000

Open to juniors/seniors

Prerequisites: Introduction to Digital Technology AND Digital Design

Can you think of any company that does not have a web presence? Taking this course will equip students with the ability to plan, design, and create a web site. Students will move past learning how to write code and progress to designing a professional looking web site using graphical authoring tools that contains multimedia elements. Working individually and in teams, students will learn to work with web page layout and graphical elements to create a professional looking web site. Various forms of technologies will be used to expose students to resources, software, and applications of web design. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. Web Design is the third course in the Web & Digital Design pathway in the Information Technology cluster. Students enrolled in this course should have successfully completed Introduction to Digital Technology and Digital Design. After mastery of the standards in this course, students should be prepared to take the end of pathway assessment in this career area.

COMPUTER SCIENCE PRINCIPLES

Course Number: 11.4710000

Open to sophomores/juniors/seniors

Prerequisites: Introduction to Digital Technology

How can computing change the world? What is computer science? Engage your creativity, demonstrate and build your problem solving ability all while connecting the relevance of

computer science to the society! Computer Science (CS) Principles is an intellectually rich and engaging course that is focused on building a solid understanding and foundation in computer science. This course emphasizes the content, practices, thinking and skills central to the discipline of computer science. Through both its content and pedagogy, this course aims to appeal to a broad audience. The focus of this course will fall into these computational thinking practices: connecting computing, developing computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating. Various forms of technologies will be used to expose students to resources and application of computer science. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Computer Science Principles is the second course in the pathways Programming and Computer Science in the Information Technology Cluster.

PROGRAMMING, GAMES, APPS AND SOCIETY

Course Number: 11.4720000

Open to juniors/seniors

Prerequisites: Introduction to Digital Technology AND Computer Science Principals

Are you ready to design and develop? The course is designed for high school students to strategize, design, and develop games and mobile and desktop applications that can be produced in the real world. Students will learn about life-cycles of project development and use models to develop applications. Attention will be placed on how user interfaces affect the usability and effectiveness of a game or an application. Programming constructs will be employed which will allow students' applications to interact with "real world" stimuli. The course exposes students to privacy, legality, and security considerations with regards to the software industry. Various forms of technologies will be used to expose students to resources, software, and applications of programming. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. Programming, Games, Apps and Society is the third course in the Programming pathway in the Information Technology cluster. Students enrolled in this course should have successfully completed Introduction to Digital Technology and Computer Science Principles. After mastery of the standards in this course, students should be prepared to take the end of pathway assessment in this career area.

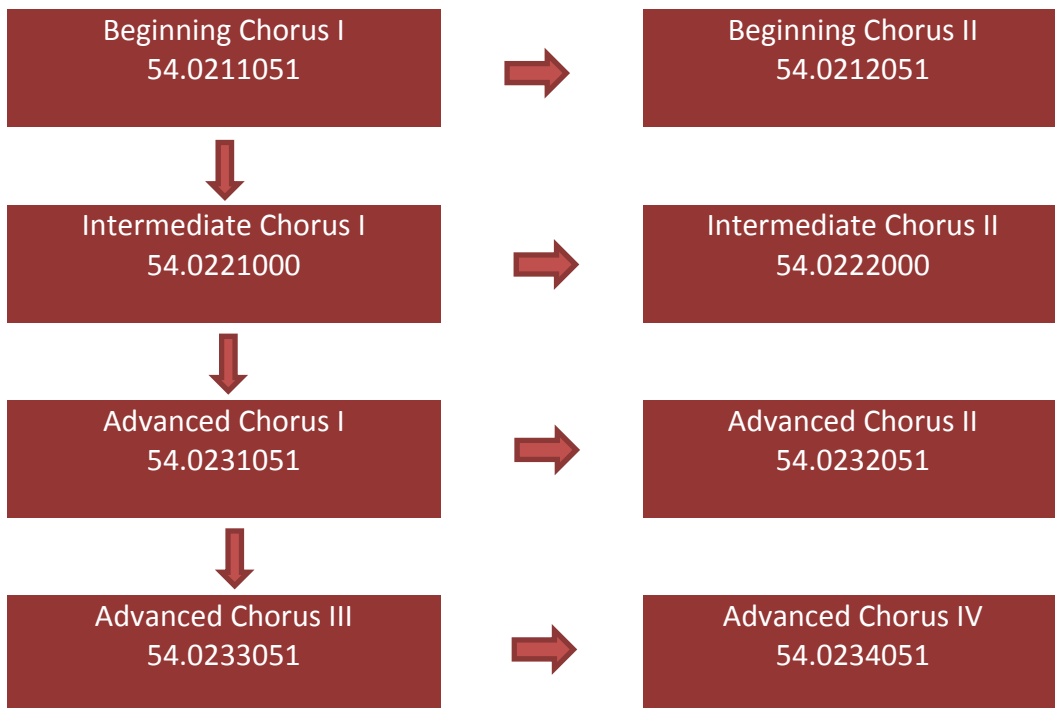
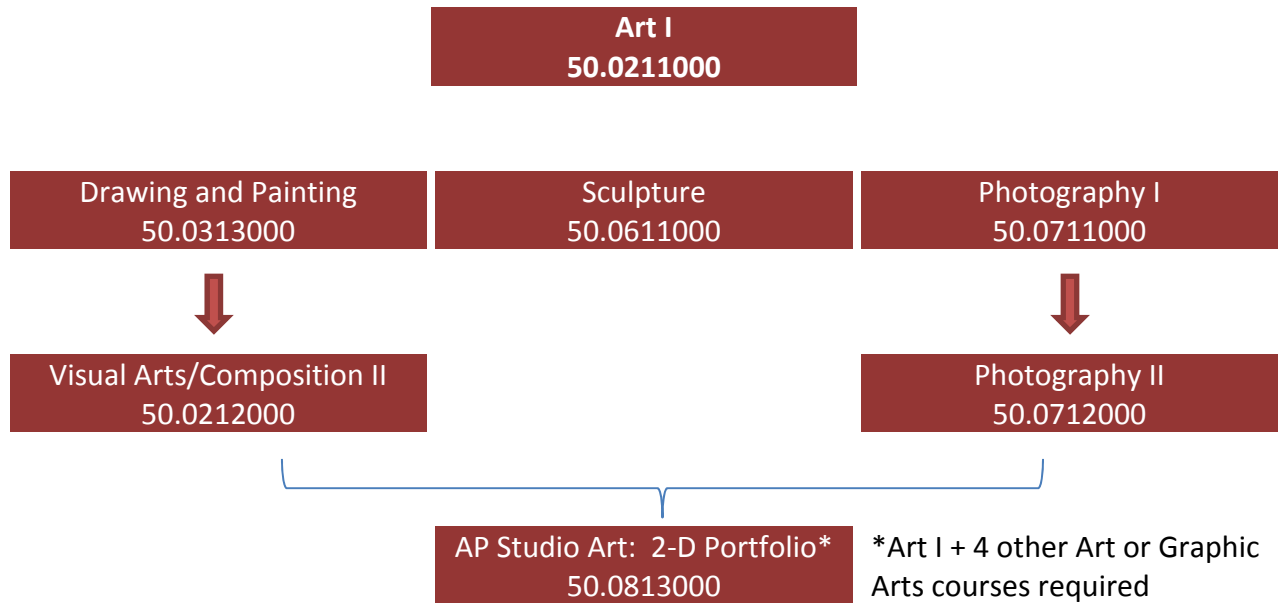
FINE ARTS DEPARTMENT

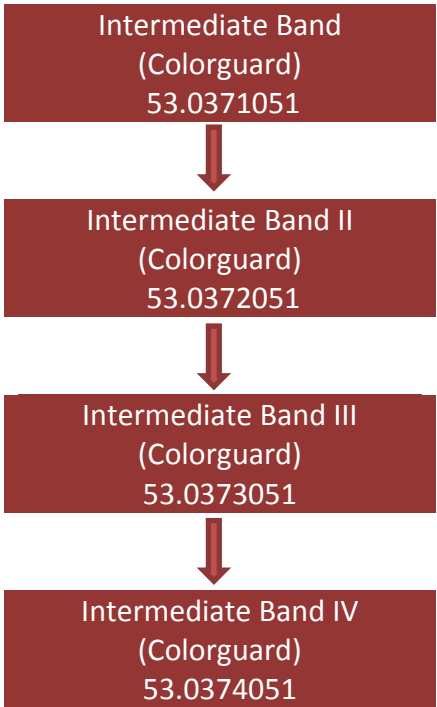
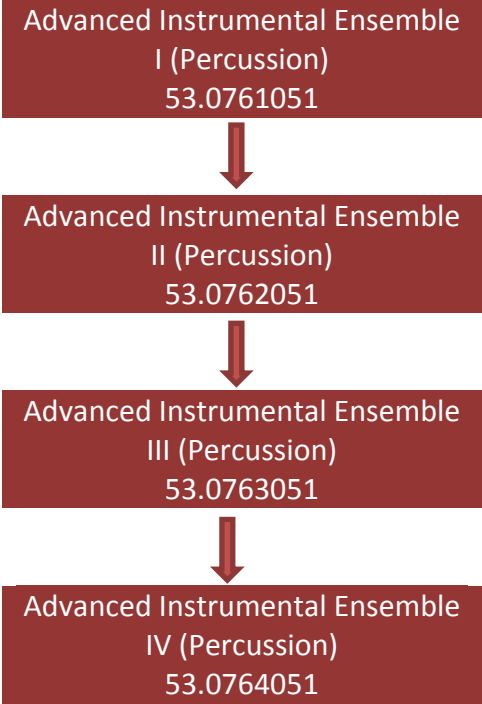
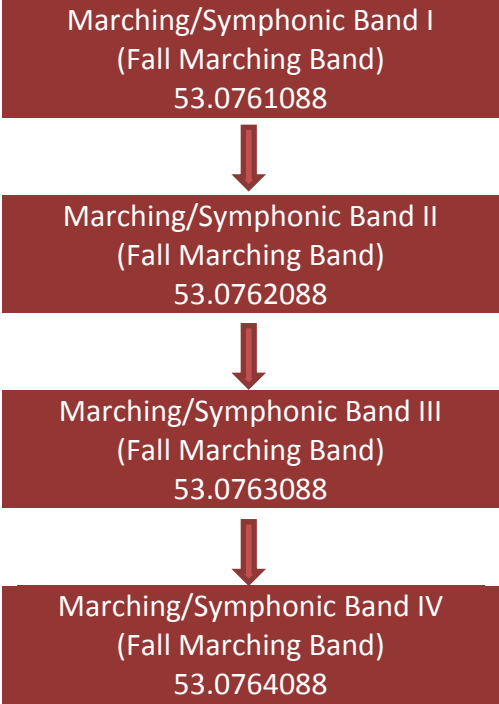
Lindsay Wells, Department Head

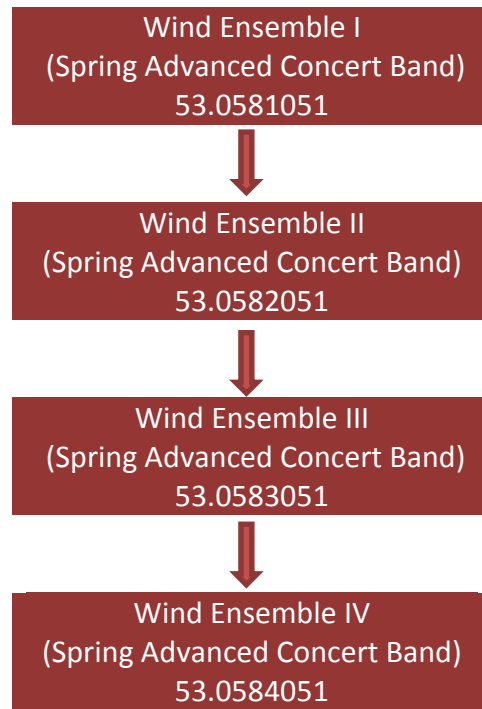
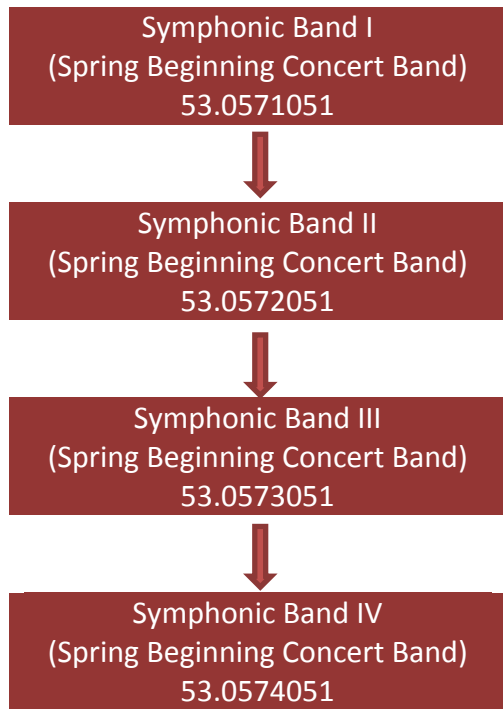
Fine Arts Courses Required for Graduation:

Students are required to earn three credits in the areas of CTAE, Fine Arts or Foreign Language to fulfill the graduation requirements. Some colleges require at least one credit in the area of Fine Arts for admission.

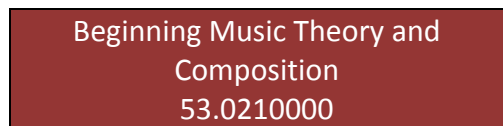
FINE ARTS DEPARTMENT COURSE OFFERINGS







Other Fine Arts Elective



ART I

Course Number: 50.0211000

Open to all

Prerequisites: None

Art I introduces the topics of art history, art criticism, aesthetic judgment, and studio production. Emphasizes the ability to understand and use the elements and principles of art and design through a variety of media, processes, and visual resources. This course explores master artworks for historical and cultural significance.

PHOTOGRAPHY I

Course Number: 50.0711000

Open to all

Prerequisites: Art I

This course introduces photography as an art form. Photography I Covers the historical development of photography and photographic design and its cultural influences. The course emphasizes the basics of digital photography and stresses composing and exposure techniques using a Digital SLR camera with varied focal lengths. Stresses appropriate and safe use of photographic materials and equipment.

PHOTOGRAPHY II

Course Number: 50.0712000

Open to sophomores/juniors/seniors

Prerequisites: Art I AND Photography I

Photography II continues to build on skills developed in Photography I and provides opportunities to apply photographic design methods. This course stresses composing and exposure techniques using a Digital SLR camera with varied focal lengths. The course emphasizes appropriate digital photography editing. Students will continue to explore photography and photographers for historical and critical appraisal. Photo II introduces advanced and experimental digital techniques. The course explores alternative/experimental digital processes. The course stresses personal expression of ideas and depth of exploration in selected photo techniques.

DRAW/PAINT

Course Number: 50.0313000

Open to all

Prerequisites: Art I

This is an advanced studio class that focuses on strengthening drawing and painting skills. The students will build on their knowledge and skills from Art I, and further explore the elements and principles of art and design. Students will create work in multiple styles of art, while learning to use their artistic voice. Projects range between realism to more expressive and abstract styles, as well as a range of materials and processes. Students are expected to write about their artwork, as well as critique themselves and their classmates.

VISUAL ART/COMPOSITION II (DRAW/PAINT II)

Course Number: 50.0212000

Open to all

Prerequisites: Art I AND Draw/Paint

An advanced studio class to build upon Drawing and Painting I. Students will strengthen drawing and painting skills and explore artistic voice further. Students will write about their work, and be expected to participate in class critiques. Advanced drawing and painting students are often preparing for AP Art, but it is not a requirement for AP. In an effort to prepare these students, they will be challenged to develop their assignments with their teacher, and have lots of freedom and choice in what they are creating. At this level, students are continually and consistently manipulating the principles and elements of art and design, as well as creating art with meaning. Students will often explore what they think, feel, believe, like, and feel passionately about for their subject matter. Multiple materials and mediums are explored.

SCULPTURE I

Course Number: 50.0611000

Open to

Prerequisites: Art I

This course introduces the design and production of relief sculpture and sculpture in-the-round. Emphasizes the historical origins and functions of sculpture in Western and non-Western cultures. The course includes additive, subtractive, and modeling methods. Sculpture I explores

traditional and nontraditional materials for sculpted works and the work of both historical and contemporary sculptural artists.

ADVANCED PLACEMENT (AP) STUDIO ART: 2-D PORTFOLIO

Course Number: 50.0813000

Open to seniors

Prerequisites: Art I and 4 other Art or Graphic Art courses

This is an advanced studio course which provides opportunities for students to work with diverse media, styles, subjects, and content. Students will build a portfolio consisting of three sections:

- The Range of Approaches (Breadth) section illustrates a range of ideas and approaches to art making.
- The Sustained Investigation (Concentration) section shows sustained, deep, and multi-perspective investigation of a student-selected topic.
- The Selected Works (Quality) section represents the student's most successful works with respect to form and content.

Students' work is informed and guided by observation, research, experimentation, discussion, critical analysis, and reflection, relating individual practices to the art world. Students are asked to document their artistic ideas and practices to demonstrate conceptual and technical development over time. The AP Studio Art Program supports students in becoming inventive artistic scholars who contribute to visual culture through art making.

BEGINNING CHORUS I & II

Course Number:

54.0211051

54.0212051

Open to all

Prerequisites: None

The Heritage High School Concert Choir is a non-auditioned ensemble. All students in beginning, intermediate, and advanced sections of chorus will be performing together. It is preferred for students to take the year-long class, as the class progresses sequentially with sight singing beginning in fall and continuing through the end of the spring semester. (Students may be enrolled in only one semester of the school year if necessary.) Students must be enrolled for both semesters of the school year to hold leadership positions such as section leaders, choir

officers, to participate in the auditioned Chamber Choir ensemble, and to audition for GMEA All-State Chorus. Students should expect to learn to sight sing music using solfege. Students will study and perform music from different historical time periods and many different genres. Students will also be introduced to beginning music theory concepts. This class is a performance based class. Fifty percent of the choir grade is from actively participating in class, thirty percent is after school rehearsals and concerts, and twenty percent is music theory and sight singing quizzes, music transfers, and listening assignments. Students should expect to have many opportunities to participate in honor choirs, competitions, and Georgia Music Educators Association's choral events, such as All-State Chorus, District 7 Honor Choir, and the Large Group Performance Evaluation. The Concert Choir performs a Fall Concert, a Holiday Concert, and a Spring Concert annually.

INTERMEDIATE CHORUS I & II

Course Number:

54.0221000

54.0222000

Open to sophomores/juniors/seniors

Prerequisites: Beginning Chorus I AND II

ADVANCED CHORUS I - IV

Course Number:

54.0231051

54.0232051

54.0233051

54.0234051

Open to juniors/seniors

Prerequisites: Beginning AND Intermediate Chorus I & II

BEGINNING MUSIC THEORY AND COMPOSITION

Course Number: 53.0210000

Open to sophomores/juniors/seniors

Prerequisites: Teacher approval required

Introduction to Music Theory is the study of reading and notating music. There is no prerequisite class. Students will complete three music theory workbooks over the course of the semester: Beginning, Intermediate, and Advanced Music Theory. These workbooks will cover

concepts such as key signatures, major, minor, and chromatic scales, transposition, complex time signatures, triads, I-IV-V chord progressions, dominant seventh chords, and conducting. Students will also study the history of the development of Western music and learn the different compositional techniques that define each time period. Students will learn to aurally identify intervals and write them on staff paper, begin melodic and harmonic dictation, and sight sing. Students will use Finale Notepad software to compose music in the style of each historical period. Introduction to Music Theory will prepare students to place out of introductory level classes of music theory and history upon taking placement tests for colleges of music.

MARCHING/SYMPHONIC BAND (FALL MARCHING BAND) I-IV

Course Number:

53.0761088

53.0762088

53.0763088

53.0764088

Open to all

Prerequisites: Teacher Approval required

SYMPHONIC BAND (BEGINNING SPRING CONCERT BAND) I-IV

Course Number:

53.0571051

53.0572051

53.0573051

53.0574051

Open to all

Prerequisites: Audition and Teacher Approval required

1. When the membership of the band requires it, there will be a symphonic band.
2. Open to all students in the band program.
3. All members must also be in the marching band, any exceptions must be approved by the band director.
4. Membership is by audition and approval by the director.
5. Performs at concerts, local and national events and Georgia District 7 Large Group Performance Evaluation.

**WIND ENSEMBLE
(ADVANCED SPRING CONCERT BAND)
I-IV**

Course Number:

53.0581051

53.0582051

53.0583051

53.0584051

Open to all students in band program

Prerequisites: Audition and Teacher Approval required

1. Audition materials will be handed out at a time to give each student ample time to learn the material.
2. All members must also be in the marching band, any exceptions must be approved by the band director.
3. Performs at concerts, local and national events and Georgia District 7 Large Group Performance Evaluation.

**ADVANCED INSTRUMENTAL
ENSEMBLE
(PERCUSSION) I-IV**

Course Number:

53.0761051

53.0762051

53.0763051

53.0764051

Open to all

Prerequisites: Audition and Teacher Approval required

1. During the fall semester the marching drumline is selected by audition with approval of the director.
2. All members must be in the percussion class during fall semester and remain in a band class spring semester.
3. Rehearsals are during class time plus the scheduled after school band rehearsals.
4. The marching percussion will follow the Legion of Generals performance and rehearsal schedule.
5. Students will also be assigned by audition to either the Wind Ensemble or Symphonic Band.

INTERMEDIATE BAND (COLORGUARD) I-IV

Course Number:

53.0371051

53.0372051

53.0373051

53.0374051

Open to all grade levels

Prerequisites: Audition and Teacher Approval required

1. Members are selected by audition with approval of the director.
2. All members must be in the color guard class during fall semester.
3. Rehearsals are during class time plus the scheduled after school band rehearsals.
4. The Color Guard will follow the Legion of Generals performance and rehearsal schedule.

PHYSICAL EDUCATION DEPARTMENT

Eddie Bryant, Lead Teacher

Physical Education Required for Graduation:

Students are required to earn one half credit of Personal Fitness and one half credit of Health. Elective classes are offered in Team Sports and in Weight Training. All athletes are encouraged to take Weight Training classes each year

PERSONAL FITNESS BOYS AND GIRLS

Course Number: 36.0510051

This is a half credit course taken along with Health

Open to freshmen

Prerequisites: none

This participation-based class is designed to introduce the importance of maintaining your physical health through various means of activities, introduction to various games in team sports at HHS, and participation in the state implemented fitness gram assessments. The fitness gram covers aerobic capacity, body composition, muscular strength, endurance, and flexibility. These fitness activities will help improve knowledge of the student's overall general health.

HEALTH BOYS AND GIRLS

Course Number: 17.0110000

This is a half credit course taken along with Personal Fitness

Open to freshmen

Prerequisites: none

Students will be exposed to a broad range of topics, including areas of mental, physical, and social health. Areas of study will include topics such as: Introduction to Health, Emotional and Mental Health, Physical Health, Drug Use and Abuse, First Aid and Safety, and the ADAP (Alcohol Drug Awareness Program).

TEAM SPORTS (INTRODUCTION, INTERMEDIATE, AND ADVANCED)

Course Numbers:

36.0210000

36.0310000

36.0410000

Open to all

Prerequisites: none

This class is designed on promoting life-long learning activities for students to use throughout their lifetime. We will cover volleyball, basketball, soccer, whiffle-ball, kickball, pickleball, flag football, pole-ball, badminton, civil war, ping-pong and more in a fun, participation-based environment.

WEIGHT TRAINING

Course Numbers:

36.0540044 (Boys)

36.0540046 (Girls)

Open to all

Prerequisites: none

This course is designed to provide students with a variety of fitness activities to improve cardiovascular fitness, muscular strength and endurance, flexibility, and control of body fat through the use of aerobic activities. Activities may include resistance training, distance and sprint work, interval training, abdominal work, plyometrics, stretching exercises, and circuit training.

**BODY SCULPTING, ADVANCED
WEIGHT TRAINING, ADVANCED BODY
SCULPTING
(WEIGHT TRAINING II-IV)**

Course Numbers:

36.0540044 (Boys II)

36.0640044 (Boys III)

36.0660044 (Boys IV)

36.0560046 (Girls II)

36.0640046 (Girls III)

36.0660046 (Girls IV)

Open to all

Prerequisites: Weight Training

Students will participate in various weight lifting exercises including Olympic lifts and standard lifts, but not limited to, Power Cleans, Bench, Squats, and various dumbbell exercises.

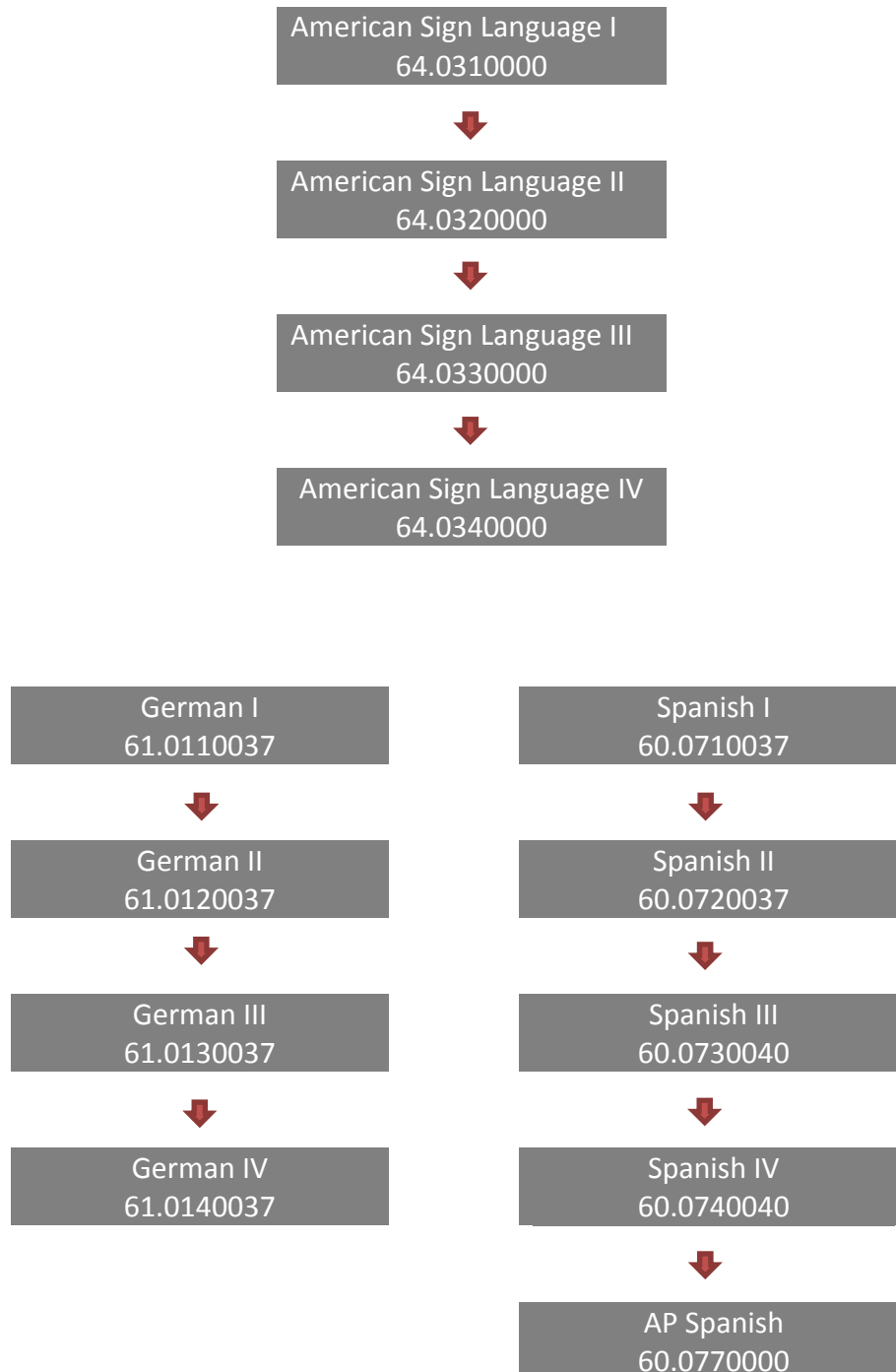
WORLD LANGAGE DEPARTMENT

Michelle Petteys, Lead Teacher

World Language Courses Required for Graduation:

Students are required to earn three credits in the areas of Fine Arts, World Language or CTAE. Some colleges and universities require 2 consecutive World Language credits (of the same World Language) for admission. Native speakers must take the 3rd and 4th levels of their native language for credit or take 1st and 2nd levels of a new language.

WORLD LANGUAGE DEPARTMENT COURSE OFFERINGS



AMERICAN SIGN LANGUAGE (ASL) I

Course Number: 64.0310000

Open to sophomores/juniors/seniors

Prerequisites: None

Students begin learning expressive and receptive sign language skills to develop their competence in American Sign Language across the three modes of communication: interpersonal, presentational, and interpretative. The expectation is that communication in the classroom (teacher-student and/or student-student) take place primarily in American Sign Language.

AMERICAN SIGN LANGUAGE (ASL) II

Course Number: 64.0320000

Open to sophomores/juniors/seniors

Prerequisites: ASL I

Students will continue to develop their expressive and receptive sign language skills to develop their competence in American Sign Language across the three modes of communication: interpersonal, presentational, and interpretative. Students will develop a deeper understanding of American Sign language concepts, grammar, and culture. The expectation is that communication in the classroom (teacher-student and/or student-student) take place primarily in American Sign Language.

AMERICAN SIGN LANGUAGE (ASL) III

Course Number: 64.0330000

Open to juniors/seniors

Prerequisites: ASL I -II

This course is an intermediate study of American Sign Language and the Deaf community. The course is designed to improve the student's expressive and receptive signing skills with focus on expressive skills. It provides students with additional ASL vocabulary and idiomatic/colloquial expressions. It provides instruction on ASL usage as well as grammatical structures for complex sentences emphasizing semantic accuracy and discourse strategies. Special focus is given to the use of classifiers, non-manual signals, and use of space. It includes instruction on self and peer analysis. Students are required to participate in deaf community events. *The class is taught exclusively in ASL without spoken English.*

AMERICAN SIGN LANGUAGE (ASL) IV

Course Number: 64.0340000

Open to juniors/seniors

Prerequisites: ASL I-III

This course is an advanced study of American Sign Language and the Deaf community. The instruction of American Sign Language vocabulary and idiomatic/colloquial usage of signs is continued. It also continues instruction on fluency of ASL expressive skills through a variety of exercises, but shifts its attention to improving a student's receptive skills. It includes further and more advanced instruction on self and peer analysis. It considers historical and contemporary perspectives of language, education, legislation, and social and political aspects of deaf people. This is done from an anthropological and socio-cultural point of view analyzing the similarities and differences to collectivistic and individualistic cultures worldwide. *The class is taught exclusively in ASL without spoken English.*

GERMAN I

Course Number: 61.0110037

Open to sophomores/juniors/seniors

Prerequisites: None

Students will be able to produce and comprehend German orally and in writing on a basic level in reference to a range of carefully selected topics. Students will understand the basic grammar structure of German and will be able to compare and contrast it with English. The course will serve not only to broaden the students' understanding of the world beyond our shores, but will also improve their understanding of their own language. By the end of Level I, the student should exhibit Novice-Mid level proficiency in listening, speaking, reading and writing. The student should be able to understand short, learned utterances in context and comprehend simple questions, statements, commands and courtesies with regard to basic personal information.

GERMAN II

Course Number: 61.0120037

Open to sophomores/juniors/seniors

Prerequisites: German I

Students will be able to produce and comprehend German orally and in writing on a basic level in reference to a range of selected topics. Students will understand the basic grammar structure of German and will be able to compare and contrast it with English. The course will

serve not only to broaden the students' understanding of the world beyond our shores, but will also improve their understanding of their own language. By the end of Level II, the student should exhibit Novice-Mid level proficiency in listening, speaking, reading and writing and may attain Novice-High level. Novice-High level is characterized by a student who is able to understand short, learned utterances and some sentence length utterances, particularly where context strongly supports understanding and speech is clear and audible.

GERMAN III

Course Number: 61.0130037

Open to sophomores/juniors/seniors

Prerequisites: German I AND II

Students continue to develop their proficiency in speaking, listening, writing, and reading by interacting with other speakers of German. Students will understand oral and written messages in the target language and will make level-appropriate oral and written presentations. Students communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. They will comprehend the main ideas of authentic materials that they read and hear, and are able to identify significant details when topics are familiar.

GERMAN IV

Course Number: 61.0140037

Open to juniors/seniors

Prerequisites: German I AND II AND III

The course is designed to increase student proficiency through more intense and varied approaches to the basic language skills. The study of the basic grammar of the spoken language is completed at this level and is used in drills and exercises which call for personal reaction so that speaking practice is in essence conversational. Writing becomes more sophisticated at this level. Reading becomes more challenging through a variety of short stories and other authentic materials.

SPANISH I

Course Number: 60.0710037

Open to sophomores/juniors/seniors

Prerequisites: None

Students begin to develop their competence in Spanish across three modes of communication: interpersonal, presentational, and interpretative. Basic vocabulary and grammar concepts will be introduced and developed throughout this course.

SPANISH II

Course Number: 60.0720037

Open to sophomores/juniors/seniors

Prerequisites: Spanish I

Students continue to work to develop their competence in Spanish across the four modes of communication: reading, writing, listening and speaking in the target language. Practice is provided regularly, both within the classroom and at home. Students continue to explore the target culture in new contexts. The expectation is that the communication in the classroom (teacher-student and/or student-student) is transitioning to take place primarily in Spanish.

SPANISH III

Course Number: 60.0730040

Open to juniors/seniors

Prerequisites: Spanish I AND II

Students continue to develop their proficiency in speaking, listening, writing, and reading by interacting with other speakers of Spanish. Students will understand oral and written messages in the target language and will make level-appropriate oral and written presentations. Students communicate on a variety of topics using complex structures, moving from concrete to more abstract concepts. They will comprehend the main ideas of authentic materials that they read and hear, and are able to identify significant details when topics are familiar.

SPANISH IV

Course Number: 60.0740040

Open to juniors/seniors

Prerequisites: Spanish I, II AND III

The course is designed to increase student proficiency through more intense and varied approaches to the basic language skills. The study of the basic grammar of the spoken language is completed at this level and is used in drills and exercises which call for personal reaction so that speaking practice is in essence conversational. Writing becomes more sophisticated at this level. Reading becomes more challenging through a variety of short stories and other authentic materials. This course is designed to prepare students for AP Spanish and pre AP activities will be utilized.

ADVANCED PLACEMENT (AP) SPANISH

Course Number: 60.0770000

Open to seniors

Prerequisites: Spanish I, II, III AND IV or native speaker with Spanish III-IV

This course is designed to prepare students for the AP Spanish Language and Culture exam. Students continue to work to develop their competence in Spanish across the four modes of communication: reading, writing, listening and speaking in the target language within the context of the six AP themes: Families and Communities, Science and Technology, Global Challenges, Contemporary Life, Personal and Public Identities, and Beauty and Aesthetics. Performance-based assessments provide the students the opportunity to use the language independently in familiar and unfamiliar contexts. Practice is provided regularly, both within the classroom and at home. Cultural information and comparisons are drawn from authentic print and audio-visual sources, literary works and class discussion. Students will research a variety of cultural topics and facilitate discussion through their own student-led presentations. The expectation is that the communication in the classroom (teacher-student and/or student-student) takes place in Spanish.