Avon Grove High School

Course Descriptions

2025-2026

10 Waltman Way
West Grove, PA 19390
610-869-2446

AVON GROVE HIGH SCHOOL

10 Waltman Way
West Grove, PA 19390

ADMINISTRATION

Dr. Christie Snead	Principal
Mr. Matthew Berkheiser	Assistant Principal
Mr. Anton Ocepek	Assistant Principal
Ms. Ashley Penn	Assistant Principal
Mr. Kyle Christy	Activity/Athletic Director

GUIDANCE

Ms. Sarah Cox	Counselor
Ms. Tara Czerwinski	Counselor
Ms. Kate Garrison	Counselor
Mr. CJ Hoffman	Counselor
Ms. Jennifer Lubins	Counselor
Ms. Kaitlyn Muchow	Counselor
Ms. Kayla Weaver	Counselor

TELEPHONE NUMBERS

AGHS Main Office	610-869-2446
AGHS Guidance Office	610-869-2446
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Avon Grove School District Website:
www.avongrove.org

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NONDISCRIMINATION POLICY

The Avon Grove School District is an equal opportunity education institution and will not discriminate in its educational programs, activities, or employment practices on the basis of race, color, creed, national origin, sex, age, religion, ancestry, sexual orientation, handicap, union membership, or other legally protected classification. Announcement of this policy is in accordance with state and federal laws, including Title VI, Title IX, and Section 504. All inquiries should be made to Dr. Wendi Lee Kraft, Director of Personnel, Avon Grove School District, 375 South Jennersville Road, West Grove, PA 19390, (610) 869-2441.

ENGLISH

All English classes emphasize critical thinking skills through experiences in reading, writing, speaking, and listening. Strategies in contextual analysis, grammar study, vocabulary, composition, and research are integral to the preparation of students for the working world; therefore, English classes intensify in depth and breadth as the students move through the four grades. The Pennsylvania Core standards provide the foundation for each course.

210102 ENGLISH 9
Year 1.0 credit 9
Top 3 Competencies: Literacies, Communication, Resilience
Students taking this course will enjoy reading, analyzing, and writing about fiction, nonfiction, and literary nonfiction in a learning environment tailored to their individual needs. Students can expect lessons that are scaffolded and one-on-one interactions with their teacher(s). Vocabulary strategies and word study skills are taught in conjunction with new words using the Sadlier Workshop. Students will improve grammar usage while refining written expression in the following modes: literary analysis (constructed responses), narrative, informational, and argumentative. The writing process is explicitly taught and followed with a focus on conferencing for feedback, editing, and revising throughout. Students will be exposed to the process of research—discerning the credibility of sources and incorporating research and citations into their writing. Engagement in guided and independent reading as well as frequent academic discussions is expected. The themes of the study include coming of age and empathy.

210110 *HONORS ENGLISH 9
Year 1.0 credit 9
Top 3 Competencies: Literacies, Communication, Resilience
Students taking this course will enjoy reading, analyzing, and writing about fiction, nonfiction, and literary nonfiction at a more rigorous and deepened level, requiring additional readings outside of the classroom. Students will expand their vocabularies through extensive readings and the Sadlier Workshop. Students will improve their style and voice in the following modes: literary analysis (constructed responses), narrative, informational, and argumentative. Within the writing process, students will use their own expertise to provide peer-to-peer conferencing for feedback. Research will be used to synthesize found knowledge with original ideas in writing and presentation. Student-facilitated book club discussions and Socratic Seminars are routine. Innate time management skills and a passion for literature are paramount. The themes of the study include coming of age and empathy. Students complete content-related summer reading and writing to prepare for the course.

210111 COLLEGE PREP ENGLISH 9
210111B COLLEGE PREP ENGLISH 9 (Blended Option)
Year 1.0 credit 9
Top 3 Competencies: Literacies, Communication, Resilience
Students taking this course will enjoy reading, analyzing, and writing about fiction, nonfiction, and literary nonfiction. Vocabulary acquisition and skills will increase using the Sadlier Workshop. Students will improve grammar usage while refining written expression in the following modes: literary analysis (constructed responses), narrative, informational, and argumentative. The writing process is followed, with a focus on conferencing for feedback, peer editing, and revising throughout. Students will use a variety of resources for research and learn to logically incorporate research into their writing. Students are expected to regularly complete independent reading and participate in frequent class discussions in a variety of formats. 21st-century presentation skills will be modeled and practiced. The themes of the study include coming of age and empathy.

210120 *HONORS ENGLISH 10
Year 1.0 credit 10
Top 3 Competencies: Literacies, Communication, Resilience
Students will analyze, evaluate, and respond to a variety of literature, including short stories, seminal U.S. documents, drama, and novels, at a more rigorous pace and deepened level. Students will analyze the author's craft in addition to deriving meaning from the text (rhetorical appeals and figurative language, author's tone and purpose, and text structure). Students will expand their vocabularies through extensive readings and the Sadlier Workshop. Students will use mentor texts and peer feedback to create expert writing pieces that demonstrate originality, cohesiveness, and style in all modes. Students will be expected to read most works independently and come to class prepared to engage with the material. Whole-class seminars, discussion groups, and presentations are expected routines. A passion for reading and writing is a must. Themes of overcoming obstacles and making difficult choices are explored. Students will take the Literature Keystone Exam at the conclusion of this course. Students complete content-related summer reading and writing to prepare for the course.

210121 COLLEGE PREP ENGLISH 10
Year 1.0 credit 10
Top 3 Competencies: Literacies, Communication, Resilience
Students will analyze and respond to a variety of literature, including short stories, seminal U.S. documents, dramas, and novels. Students will analyze the author's craft in addition to deriving meaning from the text. (rhetorical appeals and figurative language, author's tone and purpose, and text structure). Vocabulary acquisition and skills will increase using the Sadlier Workshop. Through a variety of written expressions, such as literary analysis (constructed responses), narrative, and argumentative (with research), students will workshop to improve in the areas of voice, seamless textual evidence integration, and style. Students are expected to initiate and facilitate collaboration with their peers on a variety of projects and discussions. 21st-century presentation skills will be practiced and refined. Themes of overcoming obstacles and difficult choices are explored. Students will take the Literature Keystone Exam at the conclusion of this course.

210130 *HONORS ENGLISH 11
Year 1.0 credit 11
Top 3 Competencies: Literacies, Communication, Resilience
Students will analyze and respond to the diverse content of American authors in a variety of genres (short stories, plays, poetry, novels, and memoirs) at a more rigorous pace and deepened level. Students will study SAT vocabulary and evaluate the diction of others to enhance their own communication skills. Students will use mentor texts and peer feedback to create expert writing pieces that demonstrate originality, cohesiveness, and style in a variety of modes. Students are expected to regularly engage in self-initiated and frequent class participation. Outside preparation for seminars is a routine expectation. Innate creative expression and a passion for literature is a must. Students will receive guidance in preparing for post-secondary life (career research and application/personal statement/resume/college essay writing). Overarching themes are the human experience and the American Dream. Students complete content-related summer reading and writing to prepare for the course.

210131 COLLEGE PREP ENGLISH 11
Year 1.0 credit 11
Top 3 Competencies: Literacies, Communication, Resilience
Students will analyze and respond to the diverse content of American authors in a variety of genres (short stories, plays, poetry, novels, and memoirs). Students will study SAT vocabulary and analyze the diction of others to enhance their own communication skills. Writing conventions, organization, style, and focus will be practiced in multi-paragraph pieces that include narrative, informational, and argumentative styles. In the Writer's Workshop, students can move through the writing process and seek teacher/peer feedback throughout. Students are expected to prepare for and facilitate collaboration with their peers on a variety of projects and discussions. 21st-century presentation skills will be practiced and refined. Students will receive guidance in preparing for

post-secondary life (career research and application/personal statement/resume/college essay writing). Overarching themes are the human experience and the American Dream.

210137 COLLEGE WRITING

210137B COLLEGE WRITING (Blended Option)

Semester 0.5 credit 11, 12

This course must be taken with ***The Art of Persuasion*** *if taken for required graduation credit in place of any English 11 or English 12 course.*

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

Career Pathway: Arts A/V Technology and Communications

Career Cluster: Communication Arts

This composition course is designed to help students learn to write very pragmatic essays. Students will learn different styles of writing for different areas of study and life. Students will start with a personal essay designed to help with the college application process and move into various modes of writing, including the following: informative research-based, argumentative, and APA research. Students should be prepared to write every day and produce a portfolio of essays. Reading will be used as a model for the various styles. We will refine skills in writing stamina, organization, style, and conventions as needed.

210138 THE ART OF PERSUASION

Semester 0.5 credit 11, 12

This course must be taken with ***College Writing*** *if taken for required graduation credit in place of any English 11 or English 12 course.*

Top 3 Competencies: Literacies, Communication, Resilience

Career Pathway: Arts A/V Technology and Communications

Career Cluster: Communication Arts

The goal of this course is to help students develop and strengthen their existing (or newly forming) persuasive presentation skills. The course gives students the opportunity to study and gain a working knowledge of the theory and psychology involved in both verbal and nonverbal communication. At the heart of the course is speaking, writing, and listening to persuasive mentor texts. Students will speak often so they can practice and refine their delivery style and develop more confidence in presenting and persuading before others. This practice is accomplished through a variety of in-class exercises through more formal assigned speeches. The course will help students improve their mechanics (articulation, vocal tone and volume, delivery style) and also work on techniques to help reduce nervousness/stage fright. Students will gain experience in writing and delivering several different types of persuasive speeches, including debates, talking like TED, and closing arguments.

210140 *HONORS ENGLISH 12

Year 1.0 credit 12

Top 3 Competencies: Literacies, Communication, Resilience

In this course, students will engage in reading, writing, speaking, and listening at a collegiate level and pace. Core readings (British and World literature, drama, poetry, and nonfiction) showcase the evolution of storytelling and its insights into the human experience. Extended readings outside of the classroom are vital to a classroom culture of academic discussion and engagement that is student-led and assessed daily. Students will be expected to articulate complex ideas with clarity (thoughtful diction, appropriate tone, and voice) in all modes of communication. Innate creative expression and a passion for literature are a must. Tips for finalizing postsecondary writing pieces will be explored and workshopped before application deadlines. An overarching theme is understanding the world through the rich connection between a culture and its stories. Students complete content-related summer reading and writing to prepare for the course.

210141 COLLEGE PREP ENGLISH 12

Year 1.0 credit 12

Top 3 Competencies: Literacies, Communication, Resilience

The goal of this course is to prepare students for collegiate-level reading, writing, speaking, and listening. Core readings (British and World literature, drama, poetry, and nonfiction) showcase the evolution of storytelling and its insights into the human experience. Through independent reading, students will enhance their vocabulary and skills in analytical writing. Responding to any inquiry with proper focus, organization, and style will be refined for all audiences and modes. Students will, through research and close literary analysis, explore ideas and formulate assertions that will be presented to others. Students will participate in student-led class discussions, which will be assessed often. Tips for finalizing postsecondary writing pieces will be explored and workshopped before application deadlines. An overarching theme is understanding the world through the rich connection between a culture and its stories.

210150 *AP ENGLISH LANGUAGE AND COMPOSITION

Year 1.0 credit 11, 12

Top 3 Competencies: Literacies, Communication, Resilience

AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situations, claims and evidence, reasoning and organization, and style. Students study the craft of authors—exploring the four rhetorical modes of discourse, analyzing professional writing models, and producing essays informed by these models. Students practice stylistic techniques that are the result of careful syntactical choices and precise diction. AP Language and Composition is a writing-heavy course, and students will learn to write quality essays very quickly. Students in this course will develop the skills necessary to critically analyze the world around them. Reading and writing objectives for this course are aligned with The College Board's AP Language & Composition Skills. Students complete content-related summer reading and writing to prepare for the course and are expected to take the AP Examination at the conclusion.

210151 *AP ENGLISH LITERATURE AND COMPOSITION

Year 1.0 credit 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

AP English Literature and Composition provides an intensive and rigorous study of works of literary merit across various genres and time periods. Through this course, students will learn the skills of literary analysis and critical writing, extending their awareness and appreciation of language and structure. Socratic seminars, analytical writing, deep reading, and student-led presentations are at the core of the course. Students gain a working knowledge of literary terminology, scholarly criticism, advanced vocabulary, and mature writing skills. The course is open to students who are willing to engage in the scholarship, reading, conversing, and writing the class entails. Reading and writing objectives for this course are aligned with The College Board's AP Lit & Composition Skills. Students complete content-related summer reading and writing to prepare for the course and are expected to take the AP Examination at the conclusion.

210153 AP SEMINAR

Year 1.0 Credit 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

This course is designed to help students develop and practice skills in research, collaboration, and communication—skills that are necessary for any academic discipline. Students will investigate topics in a variety of subject areas, write research-based essays, and design and give presentations both individually and as a team. This course will also highlight reading and analyzing articles, studies, and other texts, gathering and combining information from sources, viewing an issue from multiple perspectives, and crafting arguments based on evidence.

210154 AP RESEARCH

Year 1.0 Credit 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

Prerequisite: AP Seminar.

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

210172 ENGLISH 10

Year 1.0 credit 10

Top 3 Competencies: Literacies, Communication, Resilience

Students will analyze and respond to a variety of literature, including short stories, seminal U.S. documents, drama, and novels, in a learning environment tailored to their individual needs. Students can expect lessons that are scaffolded and one-on-one interactions with their teacher(s). Students will analyze the author's craft in addition to deriving meaning from the text (rhetorical appeals and figurative language, author's tone, purpose, word choice, and text structure). Vocabulary strategies and word study skills are taught in conjunction with new words using the Sadlier Workshop. Writing conventions, organization, and expression will be practiced in the following modes: constructed response, narrative, and argumentative with research. The writing process is explicitly taught and followed with a focus on conferencing for feedback, editing, and revising throughout. Students are expected to collaborate well with their peers on a variety of projects and discussions. Themes of overcoming obstacles and difficult choices are explored. Students will take the Literature Keystone Exam at the conclusion of this course.

210182 ENGLISH 11

Year 1.0 credit 11

Top 3 Competencies: Literacies, Communication, Resilience

Students will analyze and respond to the diverse content of American authors in a variety of genres (short stories, plays, poetry, novels, and memoirs) in a learning environment tailored to their individual needs. Students will study SAT vocabulary and analyze the diction of others to enhance their own communication skills. Students can expect lessons that are scaffolded and one-on-one interactions with their teacher(s). Conventions, organization, and expression will be practiced in multi-paragraph pieces that include narrative, informational, and argumentative styles. The writing process is explicitly taught and followed with a focus on conferencing for feedback, editing, and revising throughout. Students are expected to collaborate well with their peers on a variety of projects and discussions. Students will receive guidance in preparing for post-secondary life (career research, application/personal statement/resume/college essay writing). Overarching themes are the human experience and the American Dream.

210192 ENGLISH 12

Year 1.0 credit 12

Top 3 Competencies: Literacies, Communication, Resilience

The goal of this course is to prepare students for "real world" reading, writing, speaking, and listening in a learning environment tailored to their needs. Students can expect lessons that are scaffolded and one-on-one interactions with their teacher(s). Core readings (British and World literature, drama, poetry, and nonfiction) showcase the evolution of storytelling and its insights into the human experience. Through independent and guided reading, students will acquire new vocabulary and skills in analytical writing. Responding to any inquiry with proper focus, organization, and style will be refined for all audiences and modes. Working well with peers is integral and will help students prepare for post-secondary life. Tips for finalizing postsecondary writing pieces will be explored and workshopped before application deadlines. An overarching theme is understanding the world through the rich connection between a culture and its stories.

English Electives

210136 FILM AS LITERATURE

Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Literacies, Critical Thinking, Cultural Awareness
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Communication Arts
Students will analyze movies for rhetorical devices, consider dramatic and cinematic aspects of the film, and acquire the language of screenwriters, directors, and producers. They will use these skills to write through an analytical cinematic lens. The design for this class provides students opportunities to discuss and analyze the finer points of the filmmakers' decisions and "read" movies as they would read literature and informational text, analyzing the film's creation and interpreting/evaluating its message.

210160 JOURNALISM I

Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Collaboration, Resilience
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Communication Arts
Prerequisite: Recommendation of a current English teacher; this is a writing-intensive course, and students should have a strong command of the English language.
Journalism I provides students with an overview of print and broadcast journalism. Students learn to write different types of news stories and investigate the definition of news according to different types of media. Aspiring journalists learn the importance of journalists in society and their impact on a nation's democracy and understand journalism law and ethics. Students culminate their experience by creating the front page of a newspaper using professional layout software. Overall, students who take Journalism I learn about the fields of print and broadcast journalism and will have the knowledge necessary to apply their understanding in Journalism II.

210161 JOURNALISM II

Year 1.0 credit 10, 11, 12

210166 JOURNALISM II.5

Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Literacies, Collaboration, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Communication Arts
Prerequisite: Journalism I and recommendation of current English teacher.
Journalism II provides students with opportunities to apply their understanding of Journalism I as they write for the student newspaper and gain experience in broadcast journalism. Students work together as a team to produce the student newspaper each month. Aspiring journalists gain experience in magazine and newspaper layout and radio broadcasting. Journalism II also teaches students how to write different types of television news stories. Overall, students who take Journalism II experience what it is like to be a print and broadcast journalist.

210162 CREATIVE WRITING AND POETRY

Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Literacies, Critical Thinking, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Communication Arts
Prerequisite: A good command of written English and recommendation of the current English teacher.
Students will explore their inspirations and express themselves in this course designed for students who enjoy reading and writing both short fiction and poetry. Throughout the semester, students will revisit the question, "Where do stories come from?" The creative writing aspect of the course focuses on composing works of short fiction through a variety of exercises, prompts, free writes, and process-developed pieces that will be

workshopped with peers. The poetry element is geared toward demystifying the genre, emulating poets' forms and styles, and compiling a poetry collection that displays a range of poetic forms, content, and voices.

210164 JOURNALISM III
Year 1.0 credit 11, 12
Top 3 Competencies: Literacies, Collaboration, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Communication Arts
Prerequisite: Journalism II or Journalism II.5 and recommendation of a current English teacher.
Journalism III provides students with an opportunity to continue their experience as student journalists. Students lead the group of student journalists to produce the student newspaper each month. Aspiring journalists research a particular field of journalism and identify its characteristics, employers, and legal issues. Students present their information to the class and create a resume. Overall, students who take Journalism III lead others and research a particular field of journalism.

MATHEMATICS

We believe all students will be continuously challenged and engaged in mathematical thinking and practices. A minimum of four credits in mathematics is required to graduate, three of which must be earned at the high school.

Calculator Philosophy
Calculators are used in all mathematics classes and should be supplied by the student. The math department uses Texas Instruments TI-83+ or TI-84+ in the classroom.

210200 ALGEBRA I/MATH LAB
Year 1.0 credit 9, 10
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Content extends students' knowledge of math established in previous grades. Content focuses on linear functions and algebraic properties, descriptive statistics, and exploring exponential functions. This course focuses on an in-depth analysis of core content and practices to explore advanced topics. Calculator: Graphing or Scientific.

210211 COLLEGE PREP ALGEBRA I
Year 1.0 credit 9, 10
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Content extends students' knowledge of math established in previous grades. Content focuses on linear and quadratic families of functions, descriptive statistics, and exploration of exponential functions. This course focuses on an in-depth analysis of core content and practices to explore advanced topics. Calculator: Graphing or Scientific.

210214 SHELTERED MATH I
210215 SHELTERED MATH I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
The course is designed for newcomer high school students who either have limited and/or interrupted formal schooling or will benefit from a math course to prepare them for Algebra I. In addition to learning and/or reviewing mathematical concepts and skills, students will expand their knowledge of the English academic language of mathematics. The course content will include a review of number systems (decimals, fractions, and integers), percents, ratios, and proportions, the order of operations, and solving one-step equations. This course will develop the student's knowledge of course content and focus on the acquisition of language skills necessary to continue in mathematics.

210216 SHELTERED MATH II
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
The course is designed for newcomer high school students who either have limited and/or interrupted formal schooling or will benefit from a math course to prepare them for Algebra I. In addition to learning and/or reviewing mathematical concepts and skills, students will expand their knowledge of the English academic language of mathematics. The course content will include a review of number systems (decimals, fractions, and integers), percents, ratios and proportions, probability and statistics, the order of operations, solving one- and two-step equations and inequalities, graphing, and lines. This course will develop the student's knowledge of course content and focus on the acquisition of language skills necessary to continue in mathematics.

210220 *HONORS GEOMETRY
Year 1.0 credit 9, 10
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Algebra I.
Content extends students' knowledge of similarity and congruence. Students will explore more complex geometric concepts and relationships, including, but not limited to, formal mathematical arguments, polygons, the coordinate system, the right triangle, trigonometry, circles, and probability. This course focuses on in-depth analysis and extension of core content and practices to master advanced topics. Calculator: Graphing or Scientific.

210221 COLLEGE PREP GEOMETRY
210221B COLLEGE PREP GEOMETRY (Blended Option)
Year 1.0 credit 9, 10
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Algebra I.
Content extends students' knowledge of similarity and congruence. Students will explore geometric concepts and relationships, including, but not limited to, formal mathematical arguments, polygons, the coordinate system, right triangle trigonometry, circles, and probability. This course focuses on an in-depth analysis of core content and practices to explore advanced topics. Calculator: Graphing or Scientific.

210222 GEOMETRY
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Algebra I.
Content extends students' knowledge of similarity and congruence. Students will explore geometric concepts and relationships, including, but not limited to, formal mathematical arguments, polygons, the coordinate system, right triangles, trigonometry, circles, and probability. This course focuses on an in-depth exploration of core content and practices. Calculator: Graphing or Scientific.

210230 *HONORS ALGEBRA II
Year 1.0 credit 9, 10, 11
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Geometry
Content extends Algebra I topics including equations, inequalities, absolute value, simplifying and factoring polynomials, graphing and writing equations of lines and systems, rational expressions and equations, radical functions, quadratic equations, probability, complex numbers, exponential and logarithmic functions, matrices, sequences, and series. This course focuses on in-depth analysis and extension of core content to learn advanced topics. Calculator: Graphing or Scientific.

210231 COLLEGE PREP ALGEBRA II
210231B COLLEGE PREP ALGEBRA II (Blended Option)
Year 1.0 credit 10, 11
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Geometry.
Content extends students' knowledge of linear, quadratic, exponential, and absolute value functions and extends their repertoire of functions to include polynomial, rational, radical, and logarithmic functions. This course focuses on an in-depth analysis of core content and practices to explore advanced topics. Calculator: Graphing or Scientific.

210232 ALGEBRA II
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Geometry.
Content extends students' knowledge of linear, quadratic, exponential, and absolute value functions and extends their repertoire of functions to include polynomial, rational, radical, and logarithmic functions. This course focuses on an in-depth analysis of core content and practices. Calculator: Graphing or Scientific.

210241 COLLEGE PREP TRIGONOMETRY/PRECALCULUS
210241B COLLEGE PREP TRIGONOMETRY/PRECALCULUS (Blended Option)
Year 1.0 Credit 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Algebra II.
Trigonometry emphasizes the study of the unit circle, graphs, identities, and applications of triangles. Precalculus emphasizes the study of functions and relations including linear, quadratic, absolute value, radical, polynomial, rational, exponential, and logarithmic. Additional topics include complex numbers, infinite series and sequences, matrices, conic sections, end behavior, and limits. Calculator: Graphing or Scientific.

210242 TRIGONOMETRY/PRECALCULUS
Year 1.0 Credit 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Algebra II.
The first semester of this course is spent on trigonometric topics that include right triangle relations, the unit circle, exact values of the trigonometric functions, graphs of trigonometric functions, proving trigonometric identities, solving trigonometric equations, and the Law of Sine and Cosine. The second semester of the course extends Algebra II topics including linear equations, systems of linear equations, systems of inequalities, quadratic functions, and exponential and logarithmic functions. Calculator: Graphing or Scientific.

210250 *AP CALCULUS AB
Year 1.0 Credit 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Prerequisite: Trigonometry/Precalculus.
Calculus AB is primarily concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. This course is a rigorous and intense study of calculus, requiring a minimum of five hours per week outside the class. Calculator: Graphing.

210251 *AP STATISTICS
Year 1.0 Credit 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Prerequisite: Trigonometry/Precalculus.
This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1) Exploring data—describing patterns and departures from patterns, 2) Sampling and Experimentation—Planning and conducting a study, 3) Anticipating Patterns—Exploring random phenomena using probability and simulation, 4) Statistical Inference—Estimating population parameters and testing hypotheses. Calculator: Graphing.

210252 *AP CALCULUS BC
Year 1.0 Credit 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

Prerequisite: AP Calculus AB.
This course is for students who have already successfully completed AP Calculus AB and is designed to expose students to the topics covered in a second-semester college-level calculus course. The course begins with a review of AP Calculus AB topics in order to strengthen knowledge of those concepts and then moves into new topics. Content includes four main topics: 1. Functions, Graphs, and Limits; 2. Derivatives; 3. Integrals; and 4. Polynomial Approximations and Series. The class is geared to prepare students to take the AP exam.

210253 AP PRECALCULUS
Year 1.0 Credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Prerequisite: Algebra II
Students will explore everyday situations and phenomena using mathematical tools and lenses. Students will build deep mastery of modeling and functions as they examine scenarios through multiple representations and learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. Students will study functions including polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vectors, and matrices through their graphical, numerical, verbal, and analytical representations and their applications. Finally, this course will prepare students for the AP PreCalculus exam and AP Calculus the following year, as well as future math courses.

210260 COLLEGE PREP STATISTICS
Year 1.0 Credit 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Prerequisite: Algebra II.
This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1) Exploring data—describing patterns and departures from patterns, 2) Sampling and Experimentation—planning and conducting a study, 3) Anticipating Patterns—exploring random phenomena using probability and simulation, 4) Statistical Inference—estimating population parameters and testing hypotheses.

210261 COLLEGE PREP CALCULUS
Year 1.0 Credit 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Prerequisite: Trigonometry/Precalculus.
This course covers differential calculus and introduces integral calculus—theory, methods, and applications. Calculator: Graphing.

210262 MATH APPLICATIONS AND CONCEPTS
Year 1.0 Credit 12
Top 3 Competencies: Core Knowledge, Collaboration, Resilience
Prerequisite: Algebra II.
This course comprises a variety of disciplines: discrete math, algebra, consumer math, geometry, probability, and statistics. The course also includes set theory, number theory, financial management, a history of mathematics, and statistical measures. Calculator: Graphing or Scientific.

SCIENCE

Science is part of all our lives, no matter what occupation or endeavor one embarks upon. To be an informed citizen, one must have an understanding of the basic principles of science. The world is becoming more and more scientifically and technologically oriented. We would like all of our students to be able to graduate from Avon Grove with an appreciation and understanding of the world of science.

A variety of courses are offered to meet the needs of all of our students, regardless of their backgrounds, ability levels, and interests. The Honors and AP courses are the most rigorous; good study skills and work habits are essential to being successful. A high level of self-motivation and a strong desire to achieve positive results by each student will enrich the Honors and AP courses.

Traditional academic courses are designed for students planning on college. The different levels are for different potential career paths. The Technical Academic courses are designed to meet the needs of the student desiring a vocational/technical program after graduation or unsure if higher education is in his future plans.

210311 COLLEGE PREP INTEGRATED SCIENCE
Year 1.0 credit 9
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
This course integrates Chemistry, Physics, Biology, and Ecology. Students will see how these topics are connected by focusing on real-world applications of the concepts. You will become well-prepared for courses in Biology and Chemistry. Some Algebra-I-level math skills will be introduced and used while studying these topics. Students must pass this course before moving on to Biology.

210312 INTEGRATED SCIENCE
Year 1.0 credit 9
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Students will learn about the fundamentals of physics and chemistry, including how energy and matter are related, atomic structure and bonding, the properties of water, and the importance of carbon in the formation of organic macromolecules. Students are expected to demonstrate the ability to collaborate, problem-solve, think analytically, and write scientifically in order to prepare for success in future science courses! Integrated science students should be taking Math 1 or Algebra 1 concurrently.

210313 SHELTERED SCIENCE I
210314 SHELTERED SCIENCE II
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
This is a fundamental freshman science course designed for students with limited English proficiency (LEP). The goal of this course is to prepare these students for Biology and Chemistry as well as to improve the performance of this subgroup on the Keystone exams. Topics covered include the scientific method, the fundamentals of Chemistry and Physics, and some basic Biology concepts. Two semesters of 0.5 credits each are required to complete the course. Semesters do not need to be completed in a specific order.

210320 *HONORS BIOLOGY
Year 1.0 Credit 9, 10
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Prerequisite: Teacher recommendation.
This course is an advanced, fast-paced biology course with a laboratory-oriented approach structured around inquiry that requires extensive problem-solving strategies and reasoning skills. High-level skills in reading, writing, math, scientific reasoning, and in-depth analysis of experimental data are essential. Students will be

expected to do independent work both on an individual and group level. This course includes weekly laboratory experiments. It is aligned to the PA Core standards in Biology and includes the following concepts: biochemistry, cell physiology, genetics, ecology, and evolution, and is designed for the science/math college-bound student.

210321 COLLEGE PREP BIOLOGY
Year 1.0 credit 9, 10
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
College Prep Biology introduces students to concepts, knowledge, and experimental approaches that span the breadth of the field, including the scientific method, biochemistry, cells and cell processes, genetics, evolution, and ecology. Class activities are based on laboratory experiences, inquiry, and analytical thinking through a variety of independent and cooperative learning activities that enhance the overall learning experience. Students are expected to demonstrate effective written communication skills and to integrate previous coursework in science and math as they apply knowledge to form an understanding of the living world.

210323 BIOLOGY
Year 1.0 credit 10
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Biology is the study of all living things and how their structure affects their function. In this biology course, which is structured around inquiry for college admission, students will learn about how life works from the most microscopic to the largest ecosystem. It is aligned with the PA Core standards in Biology and includes the following concepts: Basic Biological Principles, Chemical Basis for Life, Bioenergetics, Homeostasis and Transport, Cell Growth and Reproduction, Genetics, Theory of Evolution, and Ecology. Students will focus on vocabulary and the application of knowledge in these areas.

210330 *HONORS CHEMISTRY
Year 1.0 credit 10, 11
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Prerequisite: Biology.
Honors Chemistry is a fast-paced, advanced chemistry course, requiring the ability to do both independent and group work. The fundamental concepts of chemistry are presented through demonstrations, laboratory experiments, classroom discussions, lectures, and cooperative learning activities. Units include matter, the periodic table, nomenclature, chemical reactions, stoichiometry, energy, gases, solutions, equilibrium, chemical kinetics, acids and bases, electrochemistry, and nuclear chemistry. Students need to demonstrate high-level skills in mathematics, scientific reasoning, and reading comprehension, along with disciplined work habits, to be successful in this math-based chemistry course. This course will prepare students for AP Chemistry.

210331 COLLEGE PREP CHEMISTRY
210331B COLLEGE PREP CHEMISTRY (Blended Option)
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Prerequisite: Biology.
This course is designed for the college-bound student interested in a science-related field. Units include matter, the periodic table, nomenclature, chemical reactions, stoichiometry, energy, gases, and solutions. The fundamental concepts are presented through lectures, demonstrations, laboratory activities, and group discussions. Students will learn to integrate their algebra understanding and their scientific thinking in this course.

210332 CHEMISTRY
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Prerequisite: Biology.

This course emphasizes analysis and understanding of the interactions of matter. This is a physical science course requiring algebra skills and is designed for college-bound students. The chemistry topics are presented as activities and group discussions, all of which involve quantitative as well as qualitative problem-solving skills. This course will challenge each student to utilize inquiry-based learning, which promotes engagement, curiosity, and hands-on experimentation.

210340 *HONORS PHYSICS

Year 1.0 credit 11, 12

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

Prerequisite: Chemistry.

This course is designed for the highly motivated student who is interested in a career in science, engineering, or mathematics. Independent and group learning will be stressed as students apply the basic principles of physics to problem-solving and laboratory experiments. This course, when combined with AP Physics 1 and 2 and/or AP Physics C, will be helpful for students to prepare for all four AP Physics Exams. Topics covered include kinematics, dynamics, energy, momentum, waves, electricity, magnetism, and optics. A strong math background is required for this course.

210341 COLLEGE PREP PHYSICS

Year 1.0 credit 11, 12

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

Prerequisite: Chemistry.

This course is designed for those students planning to major in a science-related field. It will provide students with a foundation for college-level physics. Topics covered include kinematics, dynamics, momentum, energy, waves, light, electricity, and magnetism. A strong math background is required for this course.

210342 APPLIED PHYSICS

Year 1.0 credit 11, 12

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

Prerequisite: Chemistry.

This course is designed for students with an interest in science. It will concentrate on the concepts of physics and how to relate them to real-world examples and applications. Topics covered in the class include kinematics, dynamics, waves, sound, light, electricity, and magnetism.

210350 *AP BIOLOGY

Year 1.0 Credit 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

Prerequisites: Teacher recommendation.

This course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The main goals are to help students develop a conceptual framework for modern biology, an appreciation of science as a process, and the ability to think and clearly express ideas orally and in writing. The course focuses on molecules and cells, heredity and evolution, and organisms and populations. Over 25% of the class is devoted to labs completed in a typical college course. There is a required summer assignment.

210351 *AP CHEMISTRY

Year 1.0 Credit 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

Prerequisites: Teacher recommendation.

In this course, students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. This course should contribute to the development of the student's abilities to think and express their ideas, orally and in writing, with clarity and logic. This course also includes a laboratory experience equivalent to that of a typical college course. It is recommended for preparation for the AP Chemistry

exam and SAT 2 subject test. There will be an emphasis on developing independent work skills. There is a required summer assignment.

210352 *AP PHYSICS 1 AND 2

Year 1.0 credit 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

Prerequisites: Honors Physics and taken concurrently with (or prior successful completion of) AP Calculus AB or College Prep Calculus, and teacher recommendation.

This course prepares students for the AP Physics 1 and Physics 2 Exams, including the content areas of Kinematics, Dynamics, Energy, Momentum, Torque and Rotational Motion, Fluids, Thermodynamics, Electric Force, Fields and Potential, Electric Circuits, Magnetism and Induction, Optics, and Quantum and Nuclear Physics Understanding of physical principles and the ability to apply these principles in the solution of problems are the major goals of the course. The course will employ student-centered learning and guided inquiry to cultivate the development of critical thinking skills. Knowledge of algebra and trigonometry is required for the course. There is a required summer assignment.

210353 *AP PHYSICS C

Year 1.0 credit 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

Prerequisites: Honors Physics and taken concurrently with (or prior successful completion of) AP Calculus AB or College Prep Calculus, and teacher recommendation.

This is one of the most challenging courses at Avon Grove, a university-level science course based on university-level mathematics. It prepares students for the AP Physics C: Mechanics and AP Physics C: Electricity and Magnetism Exams include the content areas of kinematics, dynamics, work, energy and power, momentum, rotation, electrostatics, electric circuits, and electromagnetics. The course will utilize guided inquiry and student-centered learning to foster the development of critical thinking skills. It will use introductory differential and integral calculus throughout the course. There is a required summer assignment.

210355 *AP ENVIRONMENTAL SCIENCE

Year 1.0 credit 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

Prerequisites: Teacher recommendation.

This course prepares students for the AP Environmental Science Exam and provides a foundation for the following themes: science is a process, energy conversions underlie all ecological processes, the Earth itself is one interconnected system, humans alter natural systems, environmental problems have a culture and social context, and human survival depends on developing practices that will achieve sustainable systems. In order to create an environment conducive to productive discussions, students are expected to participate on a regular basis. There is a required summer assignment.

210360 COLLEGE PREP ORGANIC CHEMISTRY

Year 1.0 credit 11, 12

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

Prerequisites: Chemistry.

Organic Chemistry is designed for college-bound students interested in a science-related field, especially those planning to pursue a career in the life sciences, health, chemistry, engineering, and biotechnology. This course presents the fundamental principles of carbon (organic) chemistry. Units include classes of organic molecules, organic nomenclature, functional groups and their reactions, stereochemistry, and NMR spectroscopy. Macroscale laboratory experiments are used to develop classical and instrumental techniques as well as illustrate the principles involved.

210361 COLLEGE PREP ANATOMY AND PHYSIOLOGY
Year 1.0 credit 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Prerequisites: Chemistry.
Anatomy and Physiology is designed for students planning to pursue careers in biological studies, medicine, and other science-based careers. Class activities and labs provide student learning in the following topics: the major body systems; how the body systems work together to maintain homeostasis; body functions in healthy and diseased states; muscle action. This course builds on the material learned in Biology and focuses on the relationship between structure and function at all levels of organization. At least 25% of the course is devoted to laboratory activities.

210362 COLLEGE PREP CURRENT SCIENCE AND TECHNOLOGY
Year 1.0 credit 12
Top 3 Competencies: Core Knowledge, Collaboration, Resilience
Have you ever wanted to know how much of what you see in sci-fi movies is actual science? This course uses movies and outside-the-box approaches to learn why disease epidemics occur, how genetic engineering works, and what relationships exist between genetics, the environment, and human behavior. Students will discover the psychology and brain research behind society's fascination with magic, ghosts, and other psychic phenomena and will investigate the current state of artificial intelligence and robotics.

210363 EARTH AND SPACE SCIENCE
Year 1.0 credit 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Earth and Space Science is an introduction to the study of Earth's systems with the addition of space topics. Students will explore physical geology, including topics such as plate tectonics, volcanoes, earthquakes, and mountain building. Students will analyze meteorology, including weather, climate, and severe weather events. Students will also explore astronomy by studying the universe, galaxies, the solar system, and the Earth-Moon system. This course is for everybody, college-bound or not.

SOCIAL STUDIES

The Social Studies department believes in providing a curriculum that gives students the opportunity to become informed and involved citizens. To that goal, students are required to successfully complete three Social Studies credits for graduation as follows: World History or AP World History, United States History or AP United States History, and Government/Economics or AP US Government and Politics. Additionally, the following elective courses count as Humanities elective credits toward graduation but do not count as substitutes for one of the required courses: Street Law, Psychology, AP Psychology, AP Human Geography, AP Economics, AP European History, American History Through Film, 20th Century US Military History, Greek and Roman History, Holocaust and Genocide Studies, and Sociology.

210410 *HONORS UNITED STATES HISTORY

210410B *HONORS UNITED STATES HISTORY (Blended Option)

Year 1.0 credit 10

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

This is a detailed analysis of the history of the United States from 1880 to the present, designed to increase understanding and to make learning as stimulating as possible. The objective is the preparation of students for a college social studies curriculum and the provision of insight into the complex problems faced by those directly involved in the building of America's democratic ideals. Research, writing, and independent study will be stressed. To accomplish this objective, an in-depth search for the concepts and forces that motivated events in our nation's past is encouraged. Carefully selected readings supplement the text. A major research paper or series of projects is required. This course is recommended for those students interested in the Arts/Humanities/Communications Cluster in the Traditional Academic Pathway.

210411 COLLEGE PREP UNITED STATES HISTORY

210411B COLLEGE PREP UNITED STATES HISTORY (Blended Option)

Year 1.0 credit 10

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

This is a survey of the history of the United States from 1880 to the present, designed to increase understanding and to make learning as stimulating as possible. The objective is the preparation of students for a college social studies curriculum and the provision of insight into the complex problems faced by those directly involved in the building of America's democratic ideals. Research, writing, and independent study will be stressed. To accomplish this objective, an in-depth search for the concepts and forces that motivated events in our nation's past is encouraged. Carefully selected readings supplement the text. A major research paper or series of projects is required. This course is recommended for those students interested in the Arts/Humanities/Communications Cluster in the Traditional Academic Pathway.

210412 UNITED STATES HISTORY

Year 1.0 credit 10

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

This course is a basic American history course and spends more time on the underlying currents at work in American history. There is a particular focus on late 19th-century and 20th-century events. Students will concentrate on reading, writing, and basic study skills in connection with the course material. This course is recommended for those students interested in the Arts/Humanities/Communications Cluster in the Traditional Academic Pathway as well as the Technical Academic Pathway.

210414 SHELTERED UNITED STATES HISTORY

210415 SHELTERED UNITED STATES HISTORY

Semester 0.5 credit 9, 10, 11, 12

Top 3 Competencies: Core Knowledge, Communication, Service & Citizenship

This course provides instruction to ELs (English Learners), students who have arrived in the country within the last two years and have limited background in American history. The course will develop students' knowledge of course content and focus on the acquisition of language skills needed for other Social Studies courses. The course content will cover the main concepts and events in American history from the colonial period to the present, with a focus on the period since 1890. Two semesters of 0.5 credits each are required to complete the course.

210420 *HONORS WORLD HISTORY
Year 1.0 credit 9
Top 3 Competencies: Core Knowledge, Critical Thinking, Cultural Awareness
This course covers world history from the Enlightenment to the present and incorporates thematic and regional approaches, the use of multiple social studies disciplines, and the development of college-level historical skills. Research, writing, and independent study will be stressed. Carefully select readings to supplement the text. A major research paper or series of projects is required. This course is recommended for those students interested in the Arts/Humanities/Communications Clusters in the Traditional Pathway.

210421 COLLEGE PREP WORLD HISTORY
Year 1.0 credit 9
Top 3 Competencies: Core Knowledge, Critical Thinking, Cultural Awareness
This course covers world history from the Enlightenment to the present and incorporates thematic and regional approaches, the use of multiple social studies disciplines, and the development of college-prep-level historical skills. Understanding of different historical texts and writing skills development will be stressed. This course is recommended for those students interested in the Arts/Humanities/Communications Cluster in the Traditional Academic Pathway as well as those in the Technical Academic Pathway.

210422 WORLD HISTORY
Year 1.0 credit 9
Top 3 Competencies: Core Knowledge, Critical Thinking, Cultural Awareness
This course covers world history from the Enlightenment to the present and incorporates thematic and regional approaches, the use of multiple social studies disciplines, and the development of historical skills. Students will concentrate on reading, writing, and basic study skills in connection with the course material. This course is recommended for those students interested in the Arts/Humanities/Communications Cluster in the Traditional Academic Pathway as well as those in the Technical Academic Pathway.

210430 HONORS GOVERNMENT/ECONOMICS
Year 1.0 credit 11
Top 3 Competencies: Core Knowledge, Leadership, Service and Citizenship
Prerequisites: United States History and World History.
This course is designed as a survey of the American government and the American economic system. Designed as an Honors course, it will deal with the philosophy of government and economics and the interplay between the two in the last 200 years. Federalism, political theory and behavior, party philosophy, and the three branches of the national and state government will be explored in the government portion of the course. Current issues and municipal government will also be covered. The economics portion of the course will provide basic economic literacy to the student by covering the fundamental ideas in microeconomics and macroeconomics. Research, writing, and independent inquiry into topics will be stressed. Carefully selected readings supplement the text. A research paper and a series of projects are required. This course is recommended for students interested in the Arts/Humanities/Traditional Academic Pathway.

210431 COLLEGE PREP GOVERNMENT/ECONOMICS
Year 1.0 credit 11
Top 3 Competencies: Core Knowledge, Leadership, Service and Citizenship
Prerequisites: United States History and World History.

This course is designed as a survey of the American government and the American economic system. Designed as a college preparatory course, it will deal with the philosophy of government and economics and the interplay between the two in the last 200 years. Federalism, political theory and behavior, party philosophy, and the three branches of the national and state government will be explored in the government portion of the course. Current events and municipal government will also be covered. The economics portion of the course will provide basic economic literacy to the student by covering the fundamental ideas in microeconomics and macroeconomics. More importantly, the student will be exposed to the critical relationship between government, business, and the emerging global economy, as well as the resulting impact on their lives. A field trip to Washington, DC, or another government-related site is available to interested students. This course is recommended for students interested in the Arts/Humanities/Traditional Academic Pathway.

210432 GOVERNMENT/ECONOMICS

Year 1.0 credit 11

Top 3 Competencies: Core Knowledge, Leadership, Service and Citizenship

Prerequisites: United States History and World History.

This course is designed as a survey of the American government and the American economic system. The course is for students in the technical pathway. The course will integrate the state standards in government and economics and will include the principles and documents of government, rights, and responsibilities of citizenship, how government works, how international relationships function, economic systems, markets, functions of governments, scarcity and choice, economic interdependence, and work and earnings. A field trip to Washington, D.C., or other government-related sites may be offered.

210433 *AP US GOVERNMENT AND POLITICS

Year 1.0 credit 11

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess the causes and consequences of political events, and interpret data to develop evidence-based arguments.

210451 *AP WORLD HISTORY

Year 1.0 credit 9

Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience

The AP World History course is designed to provide an opportunity for advanced study for tenth graders. Chronologically, the course covers the period from 1200 CE to the present and focuses on the nature of changes in human society from a global approach. The course will provide students with analytical skills and factual knowledge equivalent to an introductory course in world history. Intense independent study and analytical writing are required.

210452 *AP UNITED STATES HISTORY

Year 1.0 credit 10, 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and material in U.S. history. Students will learn to assess historical materials, their relevance to a given interpretive problem, reliability, and importance, and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History class helps develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. A field trip to a historical site is planned.

Social Studies Electives

210450 *AP EUROPEAN HISTORY

Year 1.0 credit 9, 10, 11, 12

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

The study of European History since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of European History are to develop an ability to analyze historical evidence and historical interpretation and an ability to express historical understanding and writing. A field trip to a relevant site is planned.

210454 *AP PSYCHOLOGY

210454B *AP PSYCHOLOGY (Blended Option)

Year 1.0 credit 9, 10, 11, 12

Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability

This course is designed to introduce students to the systematic and scientific study of the behavior of mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will also learn about ethics and methods that psychologists use in their scientific studies.

210455 *AP ECONOMICS

Year 1.0 credit 9, 10, 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience

Students will study both microeconomics and macroeconomics principles throughout the course of the year in preparation for the College Board's Advanced Placement Examinations. During the first semester, students will gain an understanding of principles that apply to individual consumers within the larger economic system. The primary emphasis of the study will be focused on product markets, factor markets, and the government's role in promoting greater competition, efficiency, and equity in the economy. The second portion of the course will deal with macroeconomic principles. The study of national income and price-level determination and also developing students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economies will be included. Strong graphing skills are required.

210456 *AP HUMAN GEOGRAPHY

Year 1.0 credit 9, 10, 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Cultural Awareness

The AP Human Geography course presents high school students with the curricular equivalent of an introductory college-level course in human or cultural geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

210467 AP COMPARATIVE GOVERNMENT AND POLITICS

Year 1.0 Credit 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Cultural Awareness

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures, policies, and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems. Finally, this course will prepare students for the AP Comparative Government and Politics exam.

210461 PSYCHOLOGY
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
This course stresses the scientific method used in psychology to approach human problems. The focus is on what is happening to society today and how individuals relate to one another. Topics will include stress, mental illness, self-image, and personality. This course is for those who plan to go to a four-year college. This course is recommended for those students interested in the Arts/Humanities/Communications Cluster in the Traditional Academic Pathway as well as those in the Technical Academic Pathway.

210462 COLLEGE PREP STREET LAW
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Service & Citizenship
This course is designed to give students practical knowledge of the law. A field trip to a law-related institution is planned. This course is recommended for those students interested in the Arts/Humanities/Communications Cluster in the Traditional Academic Pathway as well as those in the Technical Academic Pathway.

210470 AMERICAN HISTORY THROUGH FILM
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
This is a reading and writing-intensive course that seeks to answer the question, "Is film a historical source?" Students will be studying different themes in American History and culture through primary and secondary resources and comparing these to various films. To create a successful and productive classroom dialogue, this course is recommended to students with a strong interest in American culture and historical analysis. Students should be prepared to study mature themes and subjects.

210471 20th CENTURY US MILITARY HISTORY
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Prerequisites: B or better in previous Social Studies courses.
20th Century American Military History is an elective, half-year course at Avon Grove High School that explores the evolution of warfare throughout history, with particular focus on American military history. The class will focus on the great campaigns, battles, technology, tactics, and personalities that shaped history. Students will have the opportunity to analyze the causes and effects of significant military conflicts throughout history, as well as examine challenges pertaining to current warfare, the future of the US military, and threats and challenges that lie ahead.

210472 GREEK AND ROMAN HISTORY
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Prerequisites: B or better in previous Social Studies courses.
This semester-long course will focus on the Classical Era of Greek and Roman Civilization. Beginning with the rise of powerful city-states in Greece, such as Athens and Sparta, and concluding with the fall of the Western Roman Empire in 476 AD, students will gain a more in-depth learning experience of the two civilizations that are the foundations of Western civilization. This course is ideally suited for those students that have a strong desire to learn about ancient history as well as plan to enroll in History courses at the college level. This course will require independent reading, writing, and analyzing primary sources.

210473 HOLOCAUST AND GENOCIDE STUDIES
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core knowledge, Collaboration, Cultural awareness
This course is a multidisciplinary study of the events in Europe from 1935 to 1945 known as the Holocaust, as well as a consideration of genocidal events in other regions during the 20th and 21st centuries. Using readings

and film from history, political science, literature, religion, philosophy, art, and psychology, the approach will be a problem-solving one focusing on understanding historical events and human behavior. Students should be prepared to consider mature themes and topics.

210474 SOCIOLOGY

Semester 0.5 credit 9, 10, 11, 12

Top 3 Competencies: Core Knowledge, critical thinking, Accountability

Sociology is the scientific study of human groups and social behavior. It is also part of the social sciences, which include history, economics, psychology, political science, and anthropology. The difference between sociology and the other social sciences is the word "social". Sociology studies all factors when two or more people interact with each other under all conditions. Because of its broad coverage, there are many areas of study that will be discussed, such as religion, culture, deviant behavior, inequality of gender, family, education, and others.

APPLIED ENGINEERING

Applied Engineering is an organization of experiences designed to assist the formation of concepts and the development of insights into technology. The experiences are grouped into three major categories: applied materials, computer technology, and visual communications. All second-level Applied Engineering courses may be taken multiple times for full credit.

Applied Materials

Applied Materials is a study of materials as they exist in the natural environment and how these materials are transformed through extraction, fabrication, manufacturing, and construction into human-made consumable products within the program. Activities provide experiences fundamental to good conservation practices, experimentation, testing, use, and analysis of materials.

210820 WOODWORKING I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Using hand and power tools, students will produce an individual required project in the first marking period. The students will then be allowed to design or select a project that utilizes CAM for the second marking period. Instructions will be given on the proper and safe use of tools. Basic material construction and joinery techniques will be stressed. Students are to wear safety glasses at all times and are responsible for the expense of materials.

210821 WOODWORKING II (Fall)
210822 WOODWORKING II (Spring)
Semester 0.5 credit 10, 11, 12
This course may be taken multiple times.
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Prerequisites: Woodworking I. The first semester is 210821; the second semester is 210822.
Students will be allowed to design or select projects. Emphasis on advanced techniques and time management will be stressed. The traditional design, as well as contemporary developments, including large format CNC, will be covered. Students are to wear safety glasses at all times and are responsible for the expense of materials.

210823 PRODUCTION TECHNOLOGY
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Manufacturing
Prerequisite: Woodworking I.
This course is a systematic study of common production materials and manufacturing processes. In this course, students will develop an understanding of manufacturing production and management by forming a "corporation", selecting and designing a project, and producing that project as a group using mass production techniques.

210824 HOME PLANNING AND MAINTENANCE
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability

Career Pathway: Science Technology Engineering and Math
Career Cluster: Construction and Architecture
Prerequisite: Woodworking I.
The purpose of this course is to make educated housing consumers of students. This course is designed to prepare students to competently assist in planning for the construction or renovation/expansion of a home. The course will then focus on repairs and preventive maintenance of the structure and all major subsystems.

210825 ADVANCED MATERIALS AND COMPOSITES
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Advanced materials are becoming common in your everyday life and will help shape the world of items around you in the future. As a student in this class, you will explore the use of composites such as carbon fiber/resin, ceramics, adhesives, and more. Designing and fabricating these materials in an engineering and environmentally conscious manner will be the focus.

210830 METAL TECHNOLOGY I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
This course is designed to give students a basic understanding of engineering concepts, materials, tools, and procedures used in metalworking technology. Students will have the opportunity to use Computer Aided Machining (CAM) and learn skills in welding, conventional machining, and precision measurement. These skills will provide a firm foundation for further study of machine tool processes. Safety precautions are highlighted. Required projects are assigned. Students are responsible for the expense of all materials and are always to wear safety glasses. This course is a prerequisite to Metal Technology II.

210831 METAL TECHNOLOGY II (Fall)
210832 METAL TECHNOLOGY II (Spring)
Semester 0.5 credit 10, 11, 12
This course may be taken multiple times.
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Prerequisite: Metal Technology I. The first semester is 210831; the second semester is 210832.
Metal Technology II is designed to build upon previous metalworking skills and techniques learned and applied from Metal Technology I. In this course, the practices of welding, Computer-Aided Machining (CAM), and precision measurement will be taught. Students will design and create projects of their choice with the instructor's permission. Students will always wear safety glasses and are responsible for the expense of materials.

Computer Technology
These classes provide students with skills based on technology driven by computer hardware and software.

210840 COMPUTER ENGINEERING
Semester 0.5 credit 9, 10, 11, 12
This course may be taken multiple times.
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology

Prerequisites: Students may not have any prior computer-related disciplinary referrals.
This course is designed to give students hands-on experience with Arduino, Raspberry Pi, circuit boards, electricity, desktop/laptop, computer hardware, and 3D printer hardware/software. The course is recommended for students who have postsecondary plans in the Information Technology or Electrical/Electronic Engineering areas.

210841 ROBOTICS ENGINEERING
Semester 0.5 credit 9, 10, 11, 12
This course may be taken multiple times.
Top 3 Competencies: Core Knowledge, Collaboration, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
This is an entry-level course in the design and manufacture of robotic devices. Students will be introduced to engineering concepts in electrical, pneumatic, and mechanical applications. Students will design robotic parts using CAD software and machine parts using conventional and CNC machines. Students will also learn what constitutes a robot in its function, travel, and design. Students will have the opportunity to manufacture a robot to perform a task.

210842 COMPUTER GAME DESIGN I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Prerequisites: Students may not have any prior computer-related disciplinary referrals.
Using game programming software, students will design educational and entertainment games. In addition to the core programming skills, students will develop related academic skills such as math and physics for motion, English for plot development, and the arts for content development, which will also be incorporated into the class.

210843 COMPUTER GAME DESIGN II
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Leadership, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Prerequisite: Computer Game Design I.
Students will develop additional skills and competencies in the topics of game design, graphic design in games, monetization scenarios, and gamification of education. Two capstone projects will be completed. This course goes a level beyond Computer Game Design I in rigor, challenges, and expectations.

210844 AVIATION PRINCIPLES AND FAA 107 DRONE CERTIFICATION
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Leadership, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Students will study the principles of flight for fixed and rotary-wing aircraft. Based on knowledge of general aviation principles, students will follow a course of study designed to prepare them to become FAA-certified drone pilots by taking the Part 107 exam at age 16. The study of regulations and safe operation of UAS (Unmanned Aircraft Systems, or drones) in US airspace is the content of this exam. Students interested in careers in aviation operations and design are encouraged to enroll in this course.

Visual Communications

Visual Communications in Applied Engineering is based on three-dimensional computer-aided design, game design, and audio/video production. The three-dimensional entry-level CAD course, Introduction to CAD, covers two major areas: engineering and architecture. The upper-level courses, which focus on one of these areas, can be taken multiple times.

210800 INTRODUCTION TO CAD

Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
This is a basic course in three-dimensional computer-aided design (CAD). Basic math skills, precision measurement, and manipulative skills are developed by means of creating engineering and architectural models. Computer-Aided Machining (CAM) and 3D printing will also be introduced. Skills learned in this class will be applied in all Applied Engineering classes. To Be Noted: This course is strongly recommended prior to students taking any Applied Engineering materials courses.

210801 ENGINEERING CAD

Semester 0.5 credit 10, 11, 12
This course may be taken multiple times.
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Prerequisite: Introduction to CAD.
This class will be helpful to students who plan a career in engineering and/or manufacturing. Included are part and assembly design, two-dimensional print reading and creation, Computer Aided Manufacturing, and 3D printing. Multiple areas of industry and technology are studied. Three-dimensional CAD and CAM technologies will be used to complete projects.

210802 ARCHITECTURAL CAD

Semester 0.5 credit 10, 11, 12
This course may be taken multiple times.
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Construction and Architecture
Prerequisite: Introduction to CAD.
Students taking this course will advance in the architectural design field by practicing building techniques from foundation to finished home. Students will also learn the proper use of materials, code compliance, overall form and function, and production of large-format floor plans and elevations. Three-dimensional CAD technologies will be used to complete projects.

210803 AUDIO/VIDEO PRODUCTION I

Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Resilience
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Communication Arts
This is an entry-level course in the production of media for video and the web. This class will focus on the use of the computer for video editing, effects generation, and animation. The use of cameras, computer recording/editing software, microphones, lighting, audio, and video mixers will be covered. It is mandatory that students demonstrate responsibility and maturity in content and equipment operation to continue in the program.

210804 AUDIO/VIDEO ENGINEERING
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Live production and studio production are used to support student understanding and application of audio and video physics, project management, and career exploration and preparation. Coursework will directly support AGTV. Engineering for audio and video is a viable career path, and knowledge in this area is useful for any career involving technology.

210805 AUDIO/VIDEO PRODUCTION II
210805B AUDIO/VIDEO PRODUCTION II (Blended Option)
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Resilience
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Communication Arts
Prerequisite: Audio/Video Production I.
In this class, students will work on independent projects and be available to take on projects that assist the staff of Avon Grove Schools, businesses, non-profits, and others in need of services in the community. Competencies would focus on project management, directing, story creation, monetization scenarios, and video in education.

210808 AGRICULTURE I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Agriculture I will focus on local, national, and global agriculture and how it affects every aspect of our lives. Topics will include production agriculture, horticulture, animal science, agricultural engineering, and agricultural construction. Students will use science, technology, engineering, and math skills in order to complete hands-on projects, class discussions, lectures, and community improvement projects.

210809 AGRICULTURE II
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Top 3 Competencies:
Career Pathway: Science Technology Engineering and Math
Career Cluster: Engineering and Engineering Technology
Agriculture II will focus on how local, national, and global agriculture affects our lives. Students will learn about production agriculture, horticulture, animal science, agricultural engineering, and agricultural construction, using STEM skills to complete hands-on projects, class discussions, and community improvement projects.

ART

The Art Department recognizes the overwhelming need for artists and designers in today's innovative workforce. We are committed to providing the students of Avon Grove High School the opportunity to develop artistically. Our goal is to create an atmosphere where new ideas, experimentation, and discovery regularly take place. A variety of media and techniques are explored throughout the art curriculum, as well as an aesthetic appreciation of historical and current works in art and design.

Studio Arts: 2-Dimensional Art

210900 INTRODUCTION TO STUDIO ARTS
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Resilience, Critical Thinking, Growth Mindset
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
This course is a prerequisite to Drawing I, Drawing II, Painting I, and Portfolio Preparation. Students interested in the art career pathway should take this course in their freshman year.
Students interested in pursuing a career in visual arts should take this course during their freshman year. This is an introductory course, exposing students to elements of two-dimensional design through the process of drawing and painting. Students learn how to draw proportionally correct and shade three-dimensional forms from observation. Artistic media include but are not limited to graphite, charcoal, oil pastels, pen and ink, watercolor, and acrylic paint. Students gain and apply their understanding of composition, color theory, and art criticism.

210901 DRAWING I
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Communication, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
Prerequisite: Introduction to Studio Arts or Mixed Media; students who have chosen a career pathway in fine arts should plan to take this course early to advance.
This course will provide you with in-depth instruction on the design elements and techniques needed to create successful two-dimensional artwork. The emphasis of your learning will be based on drawing from life to develop keen observation skills. This knowledge of "seeing" will help your artwork to have convincing 3D illusions, textures, and depth. Materials such as pencil, pen and ink, charcoal, and pastels will be used to complete drawing projects in illustration, portraiture, still life, and perspective. Art history is investigated to inspire your artworks through visual references, films, and classroom discussions.

210902 DRAWING II
Semester 0.5 credit 10, 11, 12
Can be retaken for credit
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
Prerequisite: Introduction to Studio Arts and Drawing I.
This course will expand on your technical and creative skills acquired in Drawing I. Projects will have an emphasis on drawing from direct observation, challenging still life, and the figure. You will have the opportunity to develop your own individualized art concepts. Explore diverse drawing media using a variety of artistic techniques to create a series of drawings. A range of Contemporary, Historical, and Cultural Art References will be presented

throughout this semester's course. Students taking this course again for credit must have received a "B" or better.

210903 PAINTING I
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
Prerequisite: Introduction to Studio Arts or Mixed Media; students who have chosen a career pathway in fine arts should plan to take this course early to advance.
Have you always wanted to learn how to paint? Learn painting fundamentals and begin to build your portfolio. Students taking this course will have a chance to paint with watercolor and acrylics to develop their creative skills and knowledge of color theory. Still Life, Landscape, and Personal Interest Projects will be the subject of this project-based class. The design process of your paintings will be emphasized to help you create successful compositions. The history of art, including the painting styles and techniques of various artists and cultures, will be reflected upon.

210904 PAINTING II
Semester 0.5 credit 10, 11, 12
Can be retaken for credit
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
Prerequisite: Introduction to Studio Arts and Painting I.
In Painting I, we just scratched the surface. Building on your previous knowledge of color theory and basic technical skills, Painting II will be the perfect place for you to explore new ways to apply paint and layer textures. Glazing in layers, Plein Air Impressions, and oil painting techniques will be included in this course. Larger canvases and longer project time will offer you ways to stretch out and reach heightened levels of your artistic capability. Through your painting, you will hone in on the personalized artistic vision. Class critique discussions and deeper exploration of the conceptual meaning of your artwork will be important aspects of how you grow as an artist. Students taking this course again for credit must have received a "B" or better.

210905 PRINTMAKING
Semester 0.5 credit 9, 10, 11, 12
Can be retaken for credit
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
This course introduces students to a number of creative printmaking processes, each with their own unique blend of results. Printmaking is suitable for students of all levels of experience who enjoy experimenting with tactile methods of making art. Design and create custom t-shirts using the screen printing process. Venture into the rich history of printmaking, discover art from modern-day printmakers, and discover your own creative voice. In addition to the screen print, create monoprints, linoleum block prints, Sun Prints, and Collograph prints. Gain and apply an understanding of composition, color theory, and art criticism. Students taking this course again for credit must have received a "B" or better in the first course.

210924 MIXED MEDIA
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts

Mixed Media is a class where students will explore the combined use of a variety of art materials used in drawing, painting, collage, and assemblage creation. Students will discover skills and techniques in these materials to create their own two- and/or three-dimensional works of art. Students are encouraged to creatively combine these materials and techniques to create artwork that explores perceptual as well as conceptual issues and ideas.

210926 VISUAL STORYTELLING, CARTOONING, AND STORYBOARD
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Communication Arts
Visual Storytelling combines unique aspects of creative writing and the creation of original visual images to tell engaging stories. The student taking this course may be an artist but does not need to be. By combining the best of both these aspects through individual exploration, teamwork, collaboration, and the sharing of ideas and talents, we will create and produce our work. Students will be exploring and creating work inspired by various forms of comic strips, comic books, storyboarding, storytelling through art history, and children's books/storybooks.

210960 PORTFOLIO PREPARATION
Semester 0.5 credit 11, 12
Top 3 Competencies: Critical Thinking, Communication, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
Prerequisite: Juniors should take this course in their junior year and then again in the fall of their senior year; Pathways for Painting/Drawing, Ceramics, and Graphic Design Students: a minimum of a B in both Introduction to Studio Arts and Drawing I and II or Ceramics I and II or Graphic Design I and II.
A personal art portfolio is a critical part of the application process for most post-secondary fine art institutions. This course will help guide you through the creation and refinement of artwork. Artwork included in a student portfolio should be original works of art showcasing technical and conceptual skills in a variety of media. Exploring personal and real industry themes is encouraged. Using the steps in the creative process to develop artwork from ideation to finished artwork involves managing time effectively. Students should be prepared to work outside of class time in order to meet portfolio requirements determined by their chosen school(s) of interest. Students are expected to present their ideas and participate in class critiques in order to build communication skills.

Studio Arts: 3-Dimensional Art

210920 3D ART
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
During this course, students will explore a variety of traditional and contemporary sculpture materials and processes. Students will discuss and create various forms of 3-D art through various historical, cultural, and career-oriented lenses. Assignments may include but are not limited to abstract sculpture, conceptual art installation, and architectural model making. Idea development, project planning, and problem-solving are encouraged through daily work and classroom critiques.

210930 CERAMICS I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications

Career Cluster: Visual Arts
Ceramics is an entry-level course focusing on the design and production of clay projects. This course provides instruction in a variety of hand-building and surface decoration techniques to create creative and individualized works. Students will explore various surface decoration techniques to finalize projects, including texturizing, glazing, and hand-painting.

210931 JEWELRY AND METALSMITHING I
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
This course is an introduction to traditional and contemporary methods of creating jewelry using metalsmithing techniques. Through practicing skills of annealing, soldering, filing, sanding, and polishing techniques, students will design and create their own jewelry. Designs will be created through the manipulation of copper, brass, sterling silver, and/or alternative materials.

10932 WEARABLE ART
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
Art as if it functions in our daily lives takes many forms. Fashion or wearable accessories, including hats, shoes, eyewear, wallets, bags, and jewelry, serve us every day in a variety of ways. In creating wearable art, artists must take into consideration its purpose and conformity to the human figure and lifestyles. You will have the opportunity to create projects centered around designing and making wearable artwork. Presentations and individualized guided learning will familiarize you with construction techniques using a wide range of materials. Expand your creative ability through invention and practice sustainable art-making through the use of repurposed and recycled materials. Contemporary artists, hat makers, and fashion designers, as well as time-honored textile sewing techniques, will inspire your creations.

210933 CERAMICS II
Can be retaken for credit
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
Prerequisite: Ceramics I.
Ceramics II is an advanced course that focuses on a variety of new and alternative ways to produce clay projects. Students will experiment with and explore new processes while balancing and building on techniques learned from prior classes. The class will focus on student exploration of concepts to build creative thought and problem-solving.

210934 ADVANCED CERAMICS: WHEEL THROWING
Course can be retaken for credit. Course can be taken freshman year in the spring if the student has taken Ceramics I in the fall.
Semester 0.5 credit 9, 10, 11, 12
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
Prerequisite: Ceramics I.
During this advanced course, students will be introduced to the fundamentals of wheel-throwing through the exploration and practice of materials and techniques. Projects will be created through experimentality on the

wheel and completed through handbuilding, deconstruction, and glazing techniques. Problem solving, perseverance, and work ethic will be encouraged for daily work and assignments.

210935 JEWELRY AND METALSMITHING II
Semester 0.5 credit 10, 11, 12
Problem-Solving Skills, Attention to Detail, Time Management
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Visual Arts
Prerequisite: Jewelry and Metalsmithing.
This advanced course builds on the skills students have developed in Jewelry and Metalsmithing I to explore new ways of creating and designing jewelry. Students will be given the opportunity to master new skills and experience new kinds of materials in the artistic medium of jewelry and metalsmithing. Projects will allow for practice of these skills and creative choice as students challenge their problem-solving skills, perseverance, and work ethic.

Studio Arts: Digital Art

210911 DIGITAL PHOTOGRAPHY
Semester 0.5 credit 10, 11, 12
Can be retaken for credit
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
This is an entry-level course for students interested in learning the basics of photography using digital cameras and the computer or "digital darkroom". Students will develop technological as well as conceptual skills to make successful black-and-white and color images. Students will use Adobe Photoshop and Adobe Lightroom for post-production work. Course projects will address lighting, composition, and a variety of photographic techniques and subject matter. It is mandatory that students demonstrate responsibility and maturity in content and equipment operation to continue in the program.

210921 GRAPHIC DESIGN I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Communication Arts
Every advertisement, logo, bumper sticker, and t-shirt design we see has been created to influence us. Students in this course will learn how to recognize messages in graphic design and analyze their effects on our behavior. Students will learn to produce designs for publication using Adobe Photoshop and InDesign software. Assignments are centered on the advertising field, including but not limited to logo design, movie posters, and advertising campaigns. Compositional layout, typography, and the image will be emphasized in digital designs.

210922 GRAPHIC DESIGN II
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Communication Arts
Prerequisite: Graphic Design I.
Building on visual communication skills learned in Graphic Design I, students will create artwork centered around the aesthetic and creative disciplines of digital art. Students will have the opportunity to create original artwork in Adobe Photoshop and InDesign. Multi-application assignments will be used to refine and expand their design and presentation skills. Students will have the opportunity to explore commercial and conceptual digital arts through independent projects and community outreach.

210923 ANIMATION
Semester 0.5 credit 10, 11, 12
Can be retaken for credit
Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Communication Arts
Prerequisite: Graphic Design I or Adobe Illustrator.
Film and television are continuing to expand beyond the moving picture into the art of animation and computer graphics. This course will introduce students to Adobe Animate and moving graphic images. Students will create digital art and original characters for use in their own animated shorts. The finished product will be multimedia videos that the student may include in their portfolio if they wish to pursue a career in the digital arts.

210925 ADOBE ILLUSTRATOR
Semester 0.5 credit 9, 10, 11, 12
Can be retaken for credit
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Communication Arts
This course will introduce you to Adobe Illustrator's interface, workspace, tools, and techniques. Enjoy working on the computer and using the creative side of your brain? Adobe Illustrator is for you. Experience in Adobe Illustrator can increase your marketability as an artist and/or graphic designer in various fields such as editorial, advertising, fine art, fashion, textiles, and product design. Gain and apply an understanding of composition, color theory, and art criticism to digital designs.

210927 3D DIGITAL MODELING
Semester 0.5 credit 10, 11, 12
Can be retaken for credit
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts, A/V Technology, and Communications
Career Cluster: Visual Arts
In this hands-on course, students will dive into the fascinating world of three-dimensional design. Students will learn to use the leading software in the creation of video games, animated films, TV series, and visual effects to transform their ideas into digital realities. While developing technical and problem-solving skills, students will be able to conceptualize, digitally model, and 3D-print their designs for characters, vehicles, props, and environments. Students will unleash their imagination, refine their technical prowess, and gain a competitive edge in the dynamic landscapes of creativity and innovation.

Arts Appreciation

210940 ARTS, MUSIC, AND CULTURE
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Resilience
Career Pathway: Arts, A/V Technology, Communication
Career Cluster: Performing Arts, Visual Arts, Communication Arts
Do you have an interest in creating visual artworks or music compositions? Have you wondered about how art and music influence culture, society, and ourselves? This course offers students, regardless of previous experience, the opportunity to engage in critical thinking and creative projects in the performing and visual arts. Students explore and learn about being creators of art and music through critical thinking and creativity. We make connections with historical and contemporary artists and musicians. We create original art and compositions with varying forms of inspiration and cultural influences. We examine various art forms through the lens of identity, expression, storytelling, impact, and reaction. The course culminates in a unique student exhibition/performance at the end of each semester.

210950 *AP ART HISTORY

Year 1.0 credit 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability

Career Pathway: Arts, A/V Technology, and Communications

Career Cluster: Visual Arts

This course reflects a college-level introductory art history survey course and will prepare students for the advanced placement exam in Art History. Course instruction is designed to provide an understanding of various art forms from all geographical areas of the known world. Students will critically analyze the major forms of art from past and present cultures by analyzing the visual form, the contextual history, the content of the work, and the function of the work.

BUSINESS, COMPUTER, AND INFORMATION TECHNOLOGY

It is the goal of the Business Education Department to prepare students with the knowledge, skills, and attitudes necessary to be successful in an ever-changing world. To meet this end, the Business Department offers a wide scope of courses from which all students may elect during their four years of high school. Students may elect these courses in preparation for a career in business in an area such as accounting, or they may elect business courses for their own personal development. A large number of computer courses are also offered as part of the Business Education curriculum. The changing world is dependent on technology. Technology gives students a more interactive role in the learning process. In today's world, it is imperative students develop word-processing, database, spreadsheet, and programming skills.

Business Administration

210720 INTRODUCTION TO BUSINESS
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
Career Pathway: Business Management and Administration
Career Cluster: Business Management
This is the introductory course to the business pathway. This is an introduction to what business is, how it operates, and how it is managed. Topics to be covered include economics, various types of businesses, the primary functions of businesses, management techniques, and entrepreneurship. After the successful completion of this course, students will be prepared to continue in the business pathway.

210725 PERSONAL FINANCE
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Critical Thinking, Resilience
Career Pathway: Business Management and Administration
Career Cluster: Finance
Have you ever wanted to be financially independent? This course will inform students how individual choices directly affect personal goals and their future. Real-world topics covered include income, money management, spending, and credit, as well as saving and investing. Students will design personal budgets utilizing checking and savings accounts. They will also gain knowledge in finance, debt and credit management, investment options and strategies, and insurance and taxes. This course will provide a basic understanding of making informed personal finance decisions leading to financial freedom.

210726 MARKETING
210726B MARKETING (Blended Option)
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Business Management and Administration
Career Cluster: Marketing Sales and Service
The first half of this course will provide the student with a basic introduction to the foundations and functions of marketing. In the second half of the course, students will apply these marketing skills to multiple industries. This course is designed for students interested in careers in sales management, public relations, human resources, market research, and advertising.

210737 ACCOUNTING I
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Business Management and Administration
Career Cluster: Finance
The first-year comprehensive accounting course will give students a thorough background in the accounting procedures and concepts utilized to operate a business entity. Students will learn to interpret and record financial information from business transactions in a professional manner. Students will learn about bank procedures and how to reconcile and manage a checkbook. The course covers the complete accounting cycle and the preparation of end-of-year worksheets, financial reports, and closing entries. This course provides students with a sound background for employment in the business community or to pursue further study in business.

210738 ACCOUNTING II
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Business Management and Administration
Career Cluster: Finance
Prerequisite: Accounting I.
Accounting II further acquaints the student with the use of business records needed for the interpretation of financial data. Thorough coverage of advanced topics such as inventory methods, plant assets, notes, and receivables, among others, helps to develop a student's analytical and interpretive skills. This course is beneficial for students who plan an accounting or business major in college. Students will also learn to complete accounting transactions on the computer using accounting software.

Computer Applications

210710 MICROSOFT OFFICE I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
Students will learn features in Microsoft Word, Excel, PowerPoint, and Access. This course prepares students for using Microsoft applications, which are commonly used in the business and academic worlds. Students will create documents, spreadsheets, presentations, and databases that will simulate real-world applications while learning the functions of the programs. This course will also prepare students to take the Microsoft Office Specialist certification exams offered in the Microsoft Office II course.

210711 MICROSOFT OFFICE II
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
The students will continue to build on the Microsoft Office I skills to prepare for the Microsoft Office Specialist certification exams. This course prepares students for successfully earning up to four Microsoft Office Specialist certifications, including Word, Excel, and PowerPoint.

Computer Programming

210700 INTRODUCTION TO COMPUTER SCIENCE

210700B INTRODUCTION TO COMPUTER SCIENCE (Blended Option)

Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Communication, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
This course is designed to teach students the fundamentals of computer programming. Students will learn the skills and concepts of computer science as well as computing. Students will learn to use decision structures, loop structures, and subprocedures. They will learn to format output. This course is designed for the new programmer and will prepare a student to take advanced programming courses.

210714 *AP COMPUTER SCIENCE PRINCIPLES

Year 1.0 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
Recommended Prerequisite: Introduction to Computer Science.
This course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. The course also provides the opportunity to use current technologies to create computational artifacts for both self-expression and problem-solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Cybersecurity I will be offered starting in the 2025-2026 school year. Successful completion of AP Computer Science Principles will be a prerequisite for Cybersecurity I.

210715 *AP COMPUTER SCIENCE A

Year 1.0 credit 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
Prerequisite: AP Computer Science Principles.
AP Computer Science A is equivalent to a first-semester college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem-solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing.

210716 PROGRAMMING LANGUAGES I

Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Communication, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
This course is a hands-on introduction to basic programming language concepts and techniques. Students will learn how to construct basic algorithms and write computer programs using basic types, loops, and conditionals on a daily basis. Students will be able to choose from various languages, including C++, Java, HTML/CSS, Python, and more.

210717 PROGRAMMING LANGUAGES II

Semester 0.5 credit 9, 10, 11, 12

Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
This course builds on Programming Language I with additional language concepts and techniques. This course is hands-on and project-based, as students will construct basic algorithms and write computer programs using basic types, loops, and conditionals. The students will be able to choose programming languages that were not chosen during the Programming Languages I course, including C++, Java, HTML/CSS, Python, and more.

210718 CYBERSECURITY I
Semester 0.5 credit 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
Prerequisite: AP Computer Science Principles and Computer Science teacher recommendation.
This course prepares students with crucial skills to be responsible citizens in a digital future. Students will learn foundational cybersecurity topics including digital citizenship and cyber hygiene, the basics of cryptography, software security, networking fundamentals, and basic system administration. This course is designed for advanced computer science students to better understand cybersecurity and cryptology career paths after their high school experience.

210719 CYBERSECURITY II
Semester 0.5 credit 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Resilience
Career Pathway: Science Technology Engineering and Math
Career Cluster: Information Technology
Prerequisite: Cybersecurity I.
This course builds on Cybersecurity I to prepare students to successfully pass the CompTIA Security+ certification exam.

ENGLISH LANGUAGE DEVELOPMENT

Students who speak a first language other than English are eligible for support services through the ELD program. Participation is determined by the student's performance on the WIDA Screener, the state-mandated English language proficiency test. Based on the results of the WIDA Screener and the WIDA ACCESS 2.0, the subsequent yearly proficiency test, students are placed into appropriate levels of English instruction. In these courses, students are given explicit instruction in the four domains of language: reading, writing, speaking, and listening. Students are also given the opportunity to develop content-specific academic language to strengthen their ability to succeed in core classes. The goal of the ELD program is for students to achieve English language proficiency, as evidenced by the results of the annual WIDA ACCESS 2.0 assessment.

213002 READING AND WRITING

Semester 0.5 credit 9, 10, 11, 12

In this course, students will increase their reading, writing, speaking, listening, and thinking skills in English through collaboration and independent work. Students will achieve PA's Academic standards and progress toward achieving PA's English proficiency standards. Students will study the 6 main types of writing: narrative, persuasive, expository, informative, argumentative, and creative writing.

213011 LIFE OF THE AMERICAN STUDENT

213012 LIFE OF THE AMERICAN STUDENT

Semester 0.5 credit 9, 10, 11, 12

This course comprises 3 parts: personal growth and health, academic and scholastic success, and career and job readiness. The goal of this course is to help newcomer students feel more invested in their learning and this country. This course includes guest speakers, former students, community mentors, and guidance participation to support English Language Learners. Students will experience lessons on how to do tasks needed in school like using Schoology and PowerSchool, how to study and do homework, where to look for help online and in the resources given to them (general technological literacy), how to prepare for life after high school (trade vs. career), and the importance of attendance, personal hygiene, places and people in the community as resources (post office for passport photos, coupons, local food banks, shelters, thrift shops, etc.). Time will be provided to practice these skills.

213021 INTRODUCTION TO ENGLISH

213022 INTRODUCTION TO ENGLISH

Semester 0.5 credit 9, 10, 11, 12

This course is designed for newly arrived students whose first language is not English. Students develop basic English language skills through the four literacy domains: reading, writing, speaking, and listening. Emphasis is placed on basic vocabulary and grammar structures as well as reading comprehension strategies and developing writing skills. Extra supports are in place for students who have limited or interrupted formal education to acquire basic literacy skills.

213031 INTRODUCTION TO ENGLISH EXTENDED

213032 INTRODUCTION TO ENGLISH EXTENDED

Semester 0.5 credit 9, 10, 11, 12

This course is an extension of the Introduction to English course. Students have the opportunity for small group reading instruction with fiction and nonfiction text, according to reading proficiency. There are also many speaking and listening tasks that allow students to engage in extended English conversations. Students also engage in various narrative and informational writing projects.

213041 BEGINNING ENGLISH
213042 BEGINNING ENGLISH
Semester 0.5 credit 9, 10, 11, 12
This class is a continuation of basic communication in a student's new language, with further listening and speaking development from Introduction to English courses. The formal skills of writing, reading, vocabulary, and grammar will progress along the lines of everyday situations, interesting contexts, and a variety of material. In this course, students will learn how to describe people and places, ask for and give information, express needs and wants, make comparisons, and use literature to make connections to text and grammatical features such as complete sentences, simple present tense, present progressive tense, subject pronouns, adjectives, possessive nouns, and adjectives. Students will develop sentences into paragraph form. The focus will be on learning grammatical structures and using this knowledge within the writing context. Students will advance their listening, reading, speaking, and writing skills to advance through to Intermediate English.

213061 INTERMEDIATE ENGLISH
213062 INTERMEDIATE ENGLISH
Semester 0.5 credit 9, 10, 11, 12
This course is designed to build upon and advance skills acquired in Beginning English. Students will continue to develop their understanding of the English language through reading, writing, listening, and speaking. Topics covered will include fiction and nonfiction texts, essay writing, grammar conventions, analyzing others' ideas and sharing their own, and working collaboratively with their peers.

213081 ADVANCED ENGLISH
213082 ADVANCED ENGLISH
Semester 0.5 credit 9, 10, 11, 12
This course is designed to build upon and advance skills acquired in Intermediate English. Students will continue to develop their understanding of the English language through reading, writing, listening, and speaking. Topics covered will include: reading and analyzing fiction and nonfiction texts; writing using evidence to support claims and ideas; using appropriate grammar and conventions when writing in English; speaking with confidence in both formal and informal settings on a variety of topics; and listening with the intent to respond.

FAMILY AND CONSUMER SCIENCES

211000 LIFE AND SCHOOL
Semester 0.5 credit 9, 10
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Human Services
Career Cluster: Counseling and Personal Care
Through a significant number of blended experiences, you will develop skills to help you navigate the school experience. You will learn about your strengths, learning styles, and personality and how these relate to your life and possible career choices. Other topics include communication and peer relationships, understanding consumer rights and responsibilities, and how nutrition is important to health, wellness, and learning in school.

211001 LIFE AND INDEPENDENCE
Semester 0.5 credit 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Human Services
Career Cluster: Counseling and Personal Care
Through a significant number of blended experiences, this course will help to develop clear goals and objectives for successfully completing high school and preparing you for living and working in today's world. You will learn to build strong transferable employee skills and balance personal, educational, and career responsibilities. You will learn to gain knowledge of how to balance personal income, manage future finances, and develop wise consumer strategies.

211004 CHILD DEVELOPMENT
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Literacy, Collaboration, Accountability
Career Pathway: Human Services
Career Cluster: Education
What does it take to be a great caregiver? It is the hardest job one could ever have and the most rewarding. It takes readiness, commitment, nurturing, and love. Experience what it is like to be the parent of a newborn baby. Our computerized babies need to be fed, burped, rocked, and diapered. Learn how to help children develop physically, intellectually, emotionally, and socially. This is an excellent class for those interested in careers in teaching, health, or human services or anyone who plans to be a parent someday.

211005 HOUSING AND DESIGN
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Leadership, Accountability
Career Pathway: Science Technology Engineering and Math
Career Cluster: Construction and Architecture
You will learn what makes up a community. What is zoning? What are the advantages and disadvantages of renting or buying housing? How is housing acquired? What are the different types of housing? How do you tell one style of house from another? You will learn how a house is constructed. Through various projects, you will create living spaces that meet the needs of individuals or families. You will draw floor plans, create space plans, select furniture, fabrics, lighting, and accessories, and determine a color palette for your design. Take this class if you are interested in a career in construction, architecture, design, or real estate.

211006 TEXTILES AND CLOTHING I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Career Pathway: Arts A/V Technology and Communications

Career Cluster: Visual Arts
In this class, you will learn to operate a sewing machine and use a commercial pattern to create a garment you can wear. You will learn valuable sewing skills such as how to sew on a button and hem by hand. Learn about different fibers that are made into yarns and threads, which are then made into different fabrics that are either woven or knitted. Create original fashion designs on croquis (pre-drawn figures). If you have an interest in a career in fashion design or merchandising, textile design, tailoring, or just want to be able to make your own clothes, this class is for you. Each student must provide his/her own material for the class.

211007 TEXTILE AND CLOTHING II
211008 TEXTILE AND CLOTHING II
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Core Knowledge, Critical Thinking, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Visual Arts
Prerequisite: Textiles and Clothing I.
This course is intended for students with a desire to learn about fashion history and current fashion trends. Students will advance their knowledge of fabric use and clothing construction. Learning activities will include hands-on experience using more advanced fabric and construction techniques. It will prepare those students interested in a career in fashion and fashion design, fashion merchandising, retail management, tailoring, or textile science.

211020 BAKING
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Health Services
Career Cluster: Agriculture Food and Natural Resources
Experience in food preparation encourages lifelong success and pleasure in cooking and eating. Plan, prepare, and evaluate bakery food products—egg foam and milk-based desserts, quick breads, yeast breads, pies, cakes, and cookies. In addition to practical lab experiences, you will use classroom reference materials to understand and reinforce the theories of various food preparation activities. Learning activities also include videotaped and real-life demonstrations. Elect Baking if you are planning a career in the food service industry, restaurants, or bakeries.

211021 EVERYDAY FOODS
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Health Services
Career Cluster: Agriculture Food and Natural Resources
Discover the many different ways food can be prepared for optimal health and enjoyment. Plan weekly food preparation activities by selecting recipes for grains, vegetables, fruits, dairy products, and meat dishes. The course content includes an exploration of the dietary guidelines in addition to daily food intake planning. Elect this course if you are considering a career in food service or nutrition-related fields.

211022 SPORTS NUTRITION AND WELLNESS
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Health Services
Career Cluster: Agriculture Food and Natural Resources
Want to feel and perform your best? Not just for athletes, Sports Nutrition will provide students with the knowledge needed to construct individualized approaches to nutrition for all levels of performance by learning to use food as fuel. Students will learn about the importance of eating the correct proportions of nutrients, the

timing of meals, as well as the importance of snacks and hydration. Students will learn to prepare a variety of foods to improve performance and promote physical and emotional wellness.

211023 FOOD AND CULTURES
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Health Services
Career Cluster: Agriculture Food and Natural Resources
Would you like to prepare and sample a wide variety of appetizing foods as you learn to appreciate the cultures of other countries and ethnic groups? Are you interested in health and wellness? Food and Cultures is a course designed for you. It will be valuable to you if you are considering a career in social work, international business, nutrition, or the food service industry. There will be a significant number of blended experiences offered throughout this course.

211025 HOSPITALITY AND TOURISM
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Problem Solving, Initiative, Attention to Detail
Career Pathway: Hospitality and Tourism
Career Cluster: Food Services; Travel and Tourism
Do you enjoy dining in restaurants, traveling, and visiting attractions both near and far? If so, then perhaps a career in hospitality and tourism is for you! In this course, you will learn about the five segments of the hospitality industry—food and beverage, lodging, travel, tourism, and recreation. The business aspects of these areas are also covered, including hospitality management, human resources, accounting, sales, and marketing.

211010 EARLY CHILDHOOD I
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Problem Solving, Attention to Detail, Time Management
Career Pathway: Education and Training
Career Cluster: Teaching/Training
Prerequisite: Child Development and teacher recommendation.
This course introduces students to child-related careers through on-site lab experiences in our AGHS preschool! Coursework will be an in-depth study of the growth and development of the preschool child, with a special emphasis on supporting literacy and social skills. Students will be required to create and execute evidence-based, developmentally appropriate mini-lessons to be used in the preschool class. This course is designed for students interested in careers in childcare, early childhood education, elementary education, and careers working with young children in any capacity.

HEALTH AND PHYSICAL EDUCATION

Physical Education Overview

The purpose of physical education is to develop and educate students to become integrated individuals—physically, mentally, socially, and emotionally.

The AGHS H/PE Department is committed to teaching students the value of physical activity in promoting fitness and giving them the opportunity to increase their fitness levels through a variety of activities. Students have the opportunity to succeed at their own level, which provides many psychological benefits contributing to a greater sense of well-being, positive self-esteem, and personally rewarding experiences. A combination of team and individual activities provides a balance of traditional and non-traditional programs. The emphasis is on mastery of skills, strategies, and safety procedures as they relate to each activity, equipment, and program.

Each Physical Education course is required and a semester in length. All students must complete 2 credits of Physical Education to fulfill graduation requirements. Students may take two Physical Education classes in a single year provided that they are taken in the appropriate sequence (PE 1, PE 2, PE 3, and PE 4).

210612 PHYSICAL EDUCATION 1
Semester 0.5 credit 9, 10
Top 3 Competencies: Health & Advocacy, Collaboration, Resilience
This course is concerned with basic skill development, physical fitness, and social development. Emphasis is placed on basic skills and rules. Team sports offer the opportunity for the development of teamwork, leadership, and cooperation. Individual activities offer the opportunity for self-motivation, creative expression, and personal goal-setting.

210622 PHYSICAL EDUCATION 2
Semester 0.5 credit 9, 10, 11
Top 3 Competencies: Health & Advocacy, Collaboration, Resilience
This course is designed to develop and refine the skills introduced in PE 1. Emphasis is placed on increased levels of performance in team and individual sports. Wellness and fitness will be consistent themes throughout the curriculum.

210628 STRENGTH AND CONDITIONING
Semester 0.5 credit 11, 12
Top 3 Competencies: Growth Mindset, Health & Advocacy, Critical Thinking
Prerequisite: PE 1, PE 2, and PE 3.
This course is designed to teach students advanced weight training techniques in the areas of multi-joint movements and a variety of conditioning techniques specific to the students goals. We will explore various types of training, including Olympic lifting, powerlifting, KB training, calisthenics, and other popular training methods. The class will build strong students that are engaged, educated, equipped, and empowered to develop and implement their own training program that will translate to improved performance and health. This will lead to a lifetime of wellness through Strength and Conditioning.

210632 PHYSICAL EDUCATION 3
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Health & Advocacy, Collaboration, Resilience
This program provides the opportunity to engage in team sports and individual lifetime activities that have carry-over value into adult life. Basic skills and basic rules of recreational-type activities are introduced. Wellness and fitness will be consistent themes throughout. Cooperative learning and group activities will be presented in

an adventure-based, non-traditional curriculum. Our indoor climbing facility will be used to culminate the learning experience.

210633 ADVANCED PHYSICAL EDUCATION
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Health & Advocacy, Collaboration, Resilience
Prerequisite: PE 1 and PE 2.
This course is designed for students with a strong interest in physical education, recreation, and related fields. Students are challenged to learn more about individual and team activities and explore topics not covered in the traditional physical education program. Students will participate in higher-level and faster-paced activities that will enhance their fitness and foster a physically and mentally competitive environment in both individual and team-based activities. Opportunities for planning activities, teaching peers, as well as coaching and strategizing will be included.

210635 FITNESS FOR LIFE
Semester 0.5 credit 10, 11, 12
Top 3 Competencies: Health & Advocacy, Collaboration, Resilience
Prerequisite: PE 1 and PE 2.
Throughout this course, students will experience a variety of sports and activities geared toward individual fitness and participation across a lifetime. Students will learn how to optimize their fitness in areas of muscular strength/endurance, flexibility, and cardiovascular fitness. Additionally, students will have the opportunity to learn strategies in some of the most popular individual lifetime sports. At the end of this course, students will be equipped with the confidence and knowledge necessary to create individualized goals, design their own workout plan, and engage in a variety of life-long activities.

210642 PHYSICAL EDUCATION 4
Semester 0.5 credit 11, 12
Top 3 Competencies: Health & Advocacy, Collaboration, Resilience
This program provides for additional lifetime sports involvement. More advanced development in team and individual sports is encouraged. Students are given the opportunity to develop personal goals of physical fitness for lifetime performance. A community CPR certificate course will also be included at this level.

Health Overview

Health is a graded semester course of 0.5 credits offered in the sophomore year and is required for graduation. The curriculum is designed to involve students in educational activities to promote and emphasize wellness and improve the overall quality of life. Helping to reduce and prevent morbidity and mortality rates is a primary concern. The program will emphasize the mental, social, and physical aspects of health. Within each subject area, activities will be designed to promote the idea of optimal health and wellness for the individual, family, and community. Concepts in health education are taught using multimedia presentations, and assignments are designed to evoke critical thinking about various health topics.

10625 HEALTH EDUCATION
Semester 0.5 credit 10
Top 3 Competencies: Health & Advocacy, Communication, Resilience
This sophomore course is concerned with the topics listed in the State Guidelines for Health Education. Emphasis is placed on the areas of human sexuality, social diseases, mental hygiene, substance abuse, human relationships, and nutrition.

MUSIC

212000 CONCERT BAND
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
Prerequisite: Must play a band instrument; incoming freshmen and newcomers must pass an entrance audition.
The Concert Band is open to those students who have attained a minimal high school level of proficiency on their instrument as determined by the entrance audition. Students in Concert Band, combined with those in Wind Ensemble, will comprise the Marching Band. The Marching Band begins in the spring before the new school year and performs in parades and festivals throughout the area in the fall. The Concert Band presents public concerts at Christmas, in February, and in the spring.

212001 WIND ENSEMBLE
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
The Wind Ensemble is a select performance group of limited instrumentation made up of the most advanced players in the high school band program. Students in Wind Ensemble receive instruction in more advanced Wind and Percussion techniques and perform more complex literature. Students are frequently the only ones playing their particular part and have an increased expectation of learning their music outside of rehearsals. The Wind Ensemble presents public concerts in the winter and spring, as well as in adjudicated performances and trips. Opportunities exist for outstanding students to participate in PMEA District, Region, and All State events.

212020 CONCERT CHOIR
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
Prerequisite: Audition required.
The Concert Choir is open to tenor and bass voice singers in grades 9–12 and treble Voice singers in grades 11–12. Concert Choir will prepare and perform a variety of repertoire of different periods, styles, and languages as well as study vocal technique, music theory, and sight singing. Performances will include the winter and spring concerts, the adjudication festival on the Music Department spring trip, and other community performances. Students will attend a small group lesson once or twice per month in rotation, in addition to daily rehearsals. Rehearsals and concert performances outside of the school day are required.

212021 AVON GROVE CHORALE
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
Prerequisite: Audition required.
Students are selected for this choir based on an audition for the director and audition panel. Auditions are held in spring for the following school year. Mid-year transfers must wait until the end of the school year to audition for the next year. Chorale will prepare and perform a variety of repertoire of different periods, styles, and languages, as well as study more advanced vocal technique, music theory, and sight singing. Performances include school events, the winter and spring concerts, the adjudication festival on the Music Department spring

trip, and other community performances. Students will attend a small group lesson once or twice per month in rotation, in addition to daily rehearsals. Rehearsals and concert performances outside of the school day are required.

212022 BEL CANTO
Year 1.0 credit 9, 10
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
Bel Canto is open to all Treble-Voice singers in grades 9-10. Bel Canto will prepare and perform a variety of repertoire of different periods, styles, and languages as well as study vocal technique, music theory, and sight singing. Performances will include the winter and spring concerts, the adjudication festival on the Music Department spring trip, and other community performances. Students will attend a small group lesson once or twice per month in rotation, in addition to daily rehearsals. Rehearsals and concert performances outside of the school day are required.

212030 PIANO FUNDAMENTALS
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
Learn how to read music and play the piano! In this course, you will learn beginning music theory concepts and how to apply that to simple piano music. Learn elements of music theory such as rhythm, melody, harmony, form, key signatures, notation, performance, scales, pitch, dynamics, and tempo. Students will be expected to practice to achieve keyboard proficiency and complete music theory assignments.

212031 MUSIC THEORY I
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
This course is a prerequisite for AP Music Theory. Prior to taking this course, students should have experience reading music notation as well as instrumental or vocal performance experience. In this course, a classical approach is used to help the student learn the basics of writing music from key signatures through simple harmonic and melodic writing. Students planning to continue their music education in college will benefit from this course.

212033 *AP MUSIC THEORY
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
Prerequisite: Music Theory I.
This course will develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal will be best promoted by integrated approaches to the student's development of aural skills, sight-singing skills, written skills, compositional skills, and analytical skills through listening exercises, performance exercises, written exercises, creative exercises, and analytical exercises. This course will be very valuable to students interested in majoring or minoring in music.

212040 STRING ORCHESTRA
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
Prerequisite: Must be able to play an orchestral string instrument (violin, viola, cello, double bass).
The String Orchestra is offered to students who have basic to advanced high school string proficiency. Students will explore and heighten their ensemble performance practice and individual skills through the performance of various genres of music in combination with different string techniques and exercises. The String Orchestra presents concerts in the winter and spring and has an adjudicated performance designed for the Music Department spring trip. There are also monthly pull-out lessons. Participation in the concerts is required; participation in the adjudication performance is optional but strongly encouraged; participation in lessons is required. Opportunities for small ensemble performances as well as District and Regional competitions are available.

212063 GUITAR
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Accountability
Career Pathway: Arts A/V Technology and Communications
Career Cluster: Performing Arts
Students will learn to read music and understand concepts of music theory through guitar instruction. This course is designed to provide beginning guitarists with the tools to continue their playing after the course has ended, either through private instruction from an outside source or through self-teaching. Prior playing experience and owning a guitar are not necessary to take the course.

210940 ARTS, MUSIC, AND CULTURE
Semester 0.5 credit 9, 10, 11, 12
Top 3 Competencies: Growth Mindset, Collaboration, Accountability
Career Pathway: Arts, A/V Technology, Communication
Career Cluster: Performing Arts, Visual Arts, Communication Arts
Do you have an interest in creating visual artworks or music compositions? Have you wondered about how art and music influence culture, society, and ourselves? This course offers students, regardless of previous experience, the opportunity to engage in critical thinking and creative projects in the performing and visual arts. Students explore and learn about being creators of art and music through critical thinking and creativity. We make connections with historical and contemporary artists and musicians. We create original art and compositions with varying forms of inspiration and cultural influences. We examine various art forms through the lens of identity, expression, storytelling, impact, and reaction. The course culminates in a unique student exhibition/performance at the end of each semester.

WORLD LANGUAGES

The World Language Department provides an opportunity for serious students to acquire second language skills in French, Spanish, German, and Italian. Most colleges require at least two consecutive years of foreign language high school credits. In order to begin world language study, we suggest that students possess strong English skills.

The guidelines for the continuation of study will be the successful completion of the previous course in sequence. In addition, to ensure the success of all students, a grammar evaluation assessment will be administered to incoming students transferring from a different district school or state. The results of the exam will be used to assist with the placement of students in language courses at or above level II (for that language).

Seniors interested in taking an entry-level world language must meet one of the following prerequisites: 1) have successfully completed two years of a world language with a final grade of B or better in each class prior to enrollment and 2) have not had the opportunity to take an entry-level language prior to senior year due to scheduling reasons or other special circumstances. Each request will be evaluated on a case-by-case basis by the guidance counselor, the world languages department chair, and an administrator when appropriate. Priority in scheduling entry-level world language courses will be given to students in grades 9–11 who have not yet had the opportunity to take an entry-level world language course.

210511 SPANISH I
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
This is an introduction to the Spanish language, emphasizing the skills of reading, writing, speaking, and listening. Students will also be exposed to the customs and culture of Spanish-speaking countries. This is a college preparatory language course that emphasizes grammar and spelling as well as conversational skills.

210512 SPANISH II
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: Spanish I.
This course is a continuation of Spanish I with more emphasis placed on reading and writing through grammar study. Cultural and conversational skills are expanded.

210513 SPANISH III
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: Spanish II.
This course focuses on the history, geography, and culture of Spanish-speaking countries. In an effort to increase communication and oral fluency in the language, more emphasis will be placed on reading, understanding, and oral proficiency than in level II. Advanced grammar skills are expanded.

210515 *HONORS SPANISH IV
Year 1.0 credit 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: Spanish III.
This course is designed for the advanced language student preparing for the AP Spanish course and exam. The course emphasis will be focused on improving grammar skills through the listening, speaking, reading, and writing processes. Students will also be exposed to Spanish and Latin American literature selections as a means

of discussion and self-expression in the language. Serious students will find this course most helpful in their overall Spanish language experience.

210521 FRENCH I
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
This is an introduction to the French language emphasizing the skills of listening, speaking, reading, and writing. Students will also learn about the customs and culture of France and the Francophone world.

210522 FRENCH II
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: French I.
French II is a basic study of the language emphasizing the skills of reading and writing while enhancing listening and speaking skills.

210523 FRENCH III
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: French II.
This is an intermediate level of language learning with an emphasis on vocabulary enrichment and advanced grammatical constructions. At this level, students read short stories and their first novel.

210525 *HONORS FRENCH IV
Year 1.0 credit 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: French III.
This is an advanced-level language class with a strong emphasis on improving a solid grammar base along with a variety of cultural content and literature to achieve advanced-level proficiency in listening, speaking, reading, and writing. The inclusion of an AP comprehensive section will assist the student in transitioning to level V for preparation for the College Board Exam.

210531 GERMAN I
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
This is an introduction to the German language emphasizing the skills of reading, writing, speaking, and listening. Students will also be exposed to the customs and culture of Germany. This is a college preparatory language course that emphasizes grammar and spelling and conversational skills.

210532 GERMAN II
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: German I.
In German II, students will improve and expand upon their basic skills acquired in German I. In addition, students will continue with progressive readings and speaking skills through dialogue, role-playing, and conversational exercises. German culture and history will continue to be presented.

210533 GERMAN III
Year 1.0 credit 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: German II.

This course is designed for students to continue their learning of the German language based on various cultural and historical topics. There is an emphasis placed on dialogues and reading selections that present real-life contexts in order to increase the overall understanding of German. There will be a focus and continuation of grammar structures and vocabulary in order to successfully communicate in German.

210535 *HONORS GERMAN IV
210535B *HONORS GERMAN IV (Blended Option)
Year 1.0 credit 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: German III.
Students will gain advanced proficiency in the skill areas of reading, writing, listening, and speaking. Emphasis is placed on oral communication. German history, literature, and art will be studied to help students gain a deeper understanding of the German language and culture.

210536 *HONORS ACCELERATED GERMAN II AND III
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: B+ or higher in German I.
Accelerated German 2 and 3 Honors is a one-year accelerated course that combines the content of German 2 and German 3 at an accelerated pace to prepare students for German 4 Honors and then AP German. The course content of German 2 and 3 will be condensed, which will result in potentially more homework and less review than would otherwise occur for this content.

210541 ITALIAN I
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
This is an introduction to the Italian language and culture. Vocabulary acquisition and basic grammar skills are emphasized. Students will be required to show novice mastery in all four language skills: listening, speaking, reading, and writing.

210542 ITALIAN II
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: Italian I.
This course is designed as a continuation of Italian I to improve and expand upon their basic skills. Furthermore, students will compare and contrast aspects of Italian and American culture. Students will be required to show intermediate-low mastery in all four language skills: listening, speaking, reading, and writing.

210543 ITALIAN III
Year 1.0 credit 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: Italian II.
This course focuses on more advanced grammatical constructions, greater vocabulary enrichment, and a deeper exploration of Italian culture. Students will be exposed to Italian geography and customs. They will also be able to read a chapter book in Italian. Speaking, reading, and writing are emphasized.

210545 *HONORS ITALIAN IV
Year 1.0 credit 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: Italian III.

This course is designed for intermediate-mid to intermediate-high language students. The course emphasis will be on expanding vocabulary and improving grammatical skills. Students will be exposed to and report on Italian literature, cinema, art, and music as a means to seminar-style discussion and self-expression in the language. They will also be able to read two collections of stories in Italian. Speaking and writing are emphasized. Enrichment opportunities will be offered to those students interested in taking the AP Exam in Italian Language and Culture.

210546 *HONORS ACCELERATED ITALIAN I AND II
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Literacies, Communication, Cultural Awareness
Prerequisite: B+ in ELA/English course for Romance-language speakers or A- in another world language course.
This course combines Italian 1 and 2. The scope and breadth of levels 1 and 2 include experiences from middle school, in which all students have taken both Spanish and French, other Romance languages. The course content will be condensed, which will result in potentially more homework and less review than would otherwise occur for this content.

210550 *AP SPANISH LANGUAGE
Year 1.0 credit 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Cultural Awareness
Prerequisite: Spanish IV and teacher recommendation.
This course is primarily focused on preparing the advanced language student to take the AP Spanish exam but is not exclusive to those students. This course will work to develop the student's language skills with an emphasis on vocabulary enrichment to increase their abilities in listening, speaking, reading, and writing. Students will work to increase their fluency and accuracy in both written and spoken Spanish. Students taking the AP Exam will be exempt from the course's final exam.

210551 *AP FRENCH LANGUAGE
Year 1.0 credit 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Cultural Awareness
Prerequisite: French IV and teacher recommendation.
This course is primarily focused on preparing the advanced language student to take the AP French Language Exam but is not exclusive to those students. This course will work to develop the student's language skills with an emphasis on vocabulary enrichment to increase their abilities in listening, speaking, reading, and writing. Students will work to increase their fluency and accuracy in both written and spoken French. Students taking the AP Exam will be exempt from the course's final exam.

210552 *AP SPANISH LITERATURE AND CULTURE
Year 1.0 credit 10, 11, 12
Top 3 Competencies: Growth Mindset, Critical Thinking, Cultural Awareness
This course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students continue to develop proficiencies across the full range of modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place and also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism).

210561 SPANISH FOR NATIVE SPEAKERS I
Year 1.0 credit 9, 10, 11, 12
Top 3 Competencies: Core Knowledge, Collaboration, Accountability
This course offers native speakers of Spanish the opportunity to strengthen their basic skills, focusing on Spanish reading and writing. Through the analysis and study of global themes, students' knowledge and pride in their heritage are enhanced.

210562 SPANISH FOR NATIVE SPEAKERS II

Year 1.0 credit 10, 11, 12

Top 3 Competencies: Core Knowledge, Collaboration, Accountability

Prerequisite: Spanish for Native Speakers I.

Students will continue their study of their native Spanish language, heritage, and culture. A focus on skills for analyzing and comprehending written Spanish will continue through varied types of speaking, reading, and writing exercises, as well as the use of multimedia and film to enhance the learning process. The course will use supplemental texts (novels and/or short story anthologies) to provide for students' Spanish literary and cultural awareness.