

GLENDALE JR/SR HIGH SCHOOL

COURSE SELECTIONS

2022-2023



GLENDALE JUNIOR-SENIOR HIGH SCHOOL

The Glendale School District non-discrimination statement is...

The Glendale School District recognizes its responsibility to all students and employees and hereby affirms that all educational programs, activities, and employment practices will be handled without discrimination based on sex, race, color, religion, national origin, or disability. For information regarding civil rights, grievance procedures, services, activities and facilities that are accessible to and usable by handicapped persons, contact the Title IX Section 504 Coordinator for Glendale School District:

**Brian Stacey
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Flinton, PA 16640-9496**

Glendale Jr.-Sr. High School

**Mr. Brian Stacey, Principal
Mr. Rick Kozak, Assistant Principal
Mr. Richard Magulick, Supervisor of Special Education
Mrs. Kimberly Kozak, School Counselor
Mrs. Brenda Wilson, Secretary
Mrs. Christy Braniff, Secretary/PIMS**

Junior and Senior High School telephone number (814) 687-4261

Introduction

This Program of Studies Booklet has been prepared for your understanding of the courses that are offered to students in grades 7-12 at Glendale Jr.-Sr. High School. It is our hope that you and your parents will examine the contents of this booklet and evaluate the courses that will prepare you to pursue further education or to enter the world of work. The program of studies has been developed to provide students with an education that will help them fulfill their career expectation. The Glendale High School desires to provide each student with the comprehensive educational skills necessary to survive in our complex society.

When making your selection for the coming year, may we suggest that you and your parents carefully evaluate your abilities, interests, aptitudes and educational requirements. When making your selections, please do not hesitate to ask Mrs. Kozak for help. Our major goal is to help you in arriving at a wise decision with respect to your abilities and personal requirements.

Students should avail themselves of the opportunity to enrich their school curriculum through the scheduling of elective classes. Every attempt will be made to schedule the individual student into every chosen class. However, at times conflicts do arise. When such conflicts arise, the student will be scheduled into another similar class. All students must schedule at least 35 of 40 class periods.

Please be prompt in returning the course selection page. Failure to do so or to not follow directions will hinder the student's scheduling for next year. The high school office staff will then prepare the student's schedule. If you have questions about the courses offered or your schedule, please contact Mrs. Kozak.

GRADUATION/PROMOTION REQUIREMENTS

1. To be eligible for graduation, a student must earn 25.25 Academic credits **and complete 10 hours of community service, receive a passing grade on their senior project and pass the appropriate Keystone Exams or complete an alternative pathway to graduation.**
2. For graduation, all students must earn the following number of minimum credits in each area: English – 4 credits; Mathematics (these are required) Algebra I, Algebra II and Geometry/Science (these are required) Biology, Environmental Science – total of 7, either combination of 4 and 3; Social Studies – (these are required) Civics, US History and World History - 3 credits; Health and Physical Education - 2.25 credits, and elective courses – 9 credits.
3. Promotion requirements to the next grade level are from grade 9 to 10 – 6.0 credits: from grade 10 to 11 – 13 credits, from grade 11 to 12 – 19.0 credits and for graduation – 25.25 credits. Student placement in grade level and homeroom is based on credits accumulated.
4. Students in grades 7 and 8 will be required to repeat the entire grade if they fail: two majors and one minor subject, or three major subjects are failed, or four minor subjects are failed or one major and three minors are failed.

Scheduling Procedures:

Students are advised to plan their course schedule in relation to their interests, abilities, and career aspirations. Students should follow school counselor and teacher recommendations for course level placement and select courses appropriate to their post high school plans. Also, they should seek the advice of their parents. If parents have any concerns regarding courses, they should contact Mr. Stacey or Mrs. Kozak.

Students and parents should carefully select courses for the student's schedule because it is often impossible to implement changes once the administration and guidance department has completed the master schedule.

Academic planning for the coming school year begins in January and is completed by the end of July.

Completed schedules will be sent by mail to each student, usually in mid-July. Requests for schedule changes will be honored for a two-week period following that mailing.

Every attempt will be made to honor all schedule change requests but not all requests may be possible due to scheduling conflicts, maximum class size, limited availability or staff or student does not meet prerequisite requirements.

Schedule change requests made so that a student can be with friends will NOT be considered.

No changes in a student's schedule will be made after the allotted time period in July, with the following exceptions:

- An error was made in course assignment
- The student lacks a necessary prerequisite for a selected class
- The student earned credit(s) in summer school
- Other extreme extenuating circumstances

All students must schedule 35 periods of classes with a maximum of 5 periods of study halls. Students not meeting this requirement will be assigned with additional classes.

COURSE OFFERINGS

The Glendale Junior-Senior High School will offer students in grades 9 through 12 instruction in four curricula leading to graduation; namely honors, college prep, academic and career and technical. Each of the curricula has a specific purpose. It is to the student's advantage to choose one that is suited to his or her personal needs and abilities.

Honors courses are designed to bring together our best and brightest students to provide them with a challenging and enriching curriculum.

Advanced Placement (AP) courses are offered for English and History. A student can qualify for one or both AP courses by meeting the following criteria:

- A 90% overall average
- A 94% average in English and/or History from 9th grade through the current academic year

To ensure course rigor students will be required to take the AP exam and are responsible for the testing fee.

Dual Enrollment classes are offered to students who are interested in taking classes for college credit. These classes offer curriculum and credit from Penn Highlands Community College.

All other classes are designed to prepare students for college, technical or trade school, enter the military or go directly into the workforce.

The Career and Technical curriculum is offered in conjunction with the Greater Altoona Career and Technology Center. Students choosing this curriculum will obtain training in specific areas related to their career plan. **CTC eligibility: Students attending the GACTC are expected to stay on track for graduation. If a CTC student fails one or more required courses, he/she will not be eligible to attend the GACTC until the course(s) are passed at an approved summer school program.**

Course Selection for Grade 12

	Honors	College Prep	Academic	CTC
1	English 12	English 12	English 12	English 12
2	P.E.	P.E.	P.E.	P.E.
3	Calculus	Advanced Algebra & Trigonometry	Science	US History
4	Physics Honors	Science	Consumer Math	World History
5	Elective	Elective	Elective	GACTC
6	Elective	Elective	Elective	GACTC
7	Elective	Elective	Elective	GACTC
8	Elective	Elective	Elective	GACTC

Course Selection for Grade 11

	Honors	College Prep	Academic	CTC
1	English 11	English 11	English 11	English 11
2	P.E. Health Word Processing	P.E. Health Word Processing	P.E. Health Word Processing	P.E. Health Word Processing
3	Pre-Calculus	Geometry	Geometry	Geometry
4	AP History	US History	US History	Unified or Engineering Design & Development
5	Chemistry	Chemistry	Unified Science or Engineering Design & Development	GACTC
6	Chem Lab	Chem Lab	Elective	GACTC
7	Elective	Elective	Elective	GACTC
8	Elective	Elective	Elective	GACTC

Course Selection for Grade 10

	Honors	College Prep	Academic	CTC
1	Geometry	Algebra 2	Elective	Algebra 2
2	P.E. Driver Ed Finance	P.E. Driver Ed Finance	P.E. Driver Ed Finance	P.E. Driver Ed Finance
3	Biology	Biology	Biology	Biology
4	English 10	English 10	English 10	English 10
5	World History	World History	World History	GACTC
6	Algebra 2	Elective	Algebra 2	GACTC
7	Spanish II	Spanish II	Elective	GACTC
8	Elective	Elective	Elective	GACTC

Course Selection for Grade 9

	Honors	College Prep	Academic
1	English 9	English 9	English 9
2	P.E. Computer Apps. Positive Behavior	P.E. Computer Apps. Positive Behavior	P.E. Computer Apps. Positive Behavior
3	Algebra 1	Algebra 1	Algebra 1
4	Algebra 1	Algebra 1	Algebra 1
5	Civics	Civics	Civics
6	Environmental Science	Environmental Science	Environmental Science
7	Spanish I	Spanish I	Reading 9
8	Band/Chorus OR Family & Consumer Sci. (1) Tech Ed (1) STEM (1) US Geography	Band/Chorus OR Family & Consumer Sci. (1) Tech Ed (1) STEM (1) US Geography	Band/Chorus OR Family & Consumer Sci. (1) Tech Ed (1) STEM (1) US Geography

Course Selection for Grade 8

	There are 3 Sections: 8A, 8B, 8C
1	Language Arts
2	Reading
3	Math
4	American/PA History
5	Science
6	Career Awareness Tech Ed (1) STEM (1) Intro to Computers
7	Health P.E.
8	Band/Chorus Study Skills

Course Selection for Grade 7

	There are 3 Sections: 7A, 7B, 7C
1	Language Arts
2	Reading
3	Math
4	World Geography
5	Science
6	Library Music Art Ancient History
7	P.E. Positive Behavior Management Keyboarding
8	Band/Chorus Study Skills

LANGUAGE ARTS

01035 Language Arts (grade 7)

Courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing (TDAs, argumentatives, narratives), speaking (through debate/ personal narratives) and, and listening. Beyond emphasizing different uses for language, this course also includes using language (particularly written text) to construct meaning and connections.

01036 Language Arts (grade 8)

Courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing (TDAs, argumentatives, narratives), speaking (through debate, personal narratives and creative monologues) and, and listening. Beyond emphasizing different uses for language, this course also includes using language (particularly written text) to construct meaning and connections.

01001 English/Language Arts I (9th grade)

English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

01002 English/Language Arts II (10th grade)

English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

01003 English/Language Arts III (11th grade)

English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students begin to examine with close analysis primary source documents, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

01004 English/Language Arts IV (12th grade)

English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

01066 Critical Reading (Grade 7 Reading)

Strategic Reading courses are intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. Although these courses typically emphasize works of fiction, they may also include works of nonfiction (including textbooks). Strategic Reading courses often have a time-management focus, offering strategies for note-taking or for understanding and evaluating the important points of a text.

01053 Literature (Grade 8 Reading)

Literature courses offer the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Oral discussion is an integral part of literature courses, and written compositions are often required. Literature courses may survey representative works, reflect a particular genre or a specific theme, or survey works of a particular time or people.

01067 Assisted Reading (Grade 9 Reading)

Assisted Reading courses offer students the opportunity to focus on their reading skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' reading comprehension up to the desired level or to develop strategies to read more efficiently.

01067 Assisted Reading (Grade 10 Reading)

Assisted Reading courses offer students the opportunity to focus on their reading skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' reading comprehension up to the desired level or to develop strategies to tackle grade-level texts more effectively. Students focus on developing strategies for reading and understanding literary and nonfiction texts, including but not limited to: short stories, novels, and articles.

AP Literature and Composition

The AP English Literature and Composition course engages students in the careful reading and critical analysis of comprehensive literary works. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and purpose. As they read, students consider a work's structure, style and themes, as well as elements as the use of figurative language, imagery, symbolism and tone. Students are responsible for in and out of class writing, all reading assignments, all homework, and weekly vocabulary tests. This class will help the students with college level time management. Students should know that this class moves at a fast pace and students are expected to do the work and keep up. During the first week of May, students will pay for and take the AP Literature and Composition exam. If they successfully pass this exam, meeting their chosen secondary school's requirements, they have a chance and gaining college credits prior to the entrance to college.

Creative Writing

Is aimed towards students who want to explore writing in various genres through the study of mentor texts, sharing, and discussion. Creative Writing will encompass modes of writing that are covered with less depth in previous general English classes, including but not limited to: narrative (fiction/creative nonfiction), poetry, critical and argumentative writing. This is a writing-intensive class that also includes a significant amount of reading. The course sequence will also include a drama/theatre component, as well as opportunities to create content/writing in various media (e.g., podcast, video). Students will be generating smaller pieces of writing on a weekly basis, as well as working on drafting, revising, workshopping, and editing longer multi-week projects.

Public Speaking

Speech Class is taught at a college level. That being said, it is a slowed down version of college. The focus of the class is to prepare the student for what they will encounter in college by introducing them to college level tests and study skills. This introduction is done slowly at first and then more aggressively as the students gain the understanding of what is expected of them. This class is designed to help the college bound student excel in his/her class. During the class students will be writing and delivering speeches in order to the students to better organize their thoughts and ideas. Colleges are now requiring more and more presentations, this class prepares the student for presenting in front of people. It will also review interview skills and job searches. It enables the student to better define his/herself to a potential employer and to potential colleges.

MATHEMATICS

02002 (General Math) – Math 7

General Math courses reinforce and expand students' foundational math skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities. This course is designed to prepare students for the PSSA Grade 7 exam.

02051 (Pre-Algebra) – Math 8

Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities. This course is designed to prepare students for the PSSA Grade 8 exam.

02052 Algebra I

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations. This course is schedule in a block of two periods to allow adequate time for concept coverage and preparation for the Keystone Algebra I exam.

02056 Algebra II

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

02072 Geometry

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

02110 Pre-Calculus

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

02121 Calculus

Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

02157 Consumer Math

Consumer Math courses reinforce general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car

ownership and rental, managing personal income, and investment, college/career readiness, placement test practice and preparation.

02106 Advanced Algebra and Trigonometry

Prerequisite: Successful completion of Algebra II.

Trigonometry/Algebra courses combine trigonometry and advanced algebra topics, and are usually intended for students who have attained Algebra 1 and Geometry objectives. Topics typically include right trigonometric and circular functions, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear and quadratic equations; and properties of higher-degree equations.

SCIENCES

Science 7

The yearlong course will encompass several topics in both earth science and life science. Earth science offers exploration of the concepts and principles essential to students' understanding of the dynamics and history of the earth, as well as its geography, geology, and meteorology. Students will then transition into the basics of life science including cells, organelles, biomolecules, and DNA to build a foundation for the PSSA exam and Science 8 course.

Science 8

This course focuses on the concepts of life and physical science found on the 8th grade PSSA exam. Topics in life science will expand on those learned in Science 7 and will include, mitosis, meiosis, genetics and heredity. Topics in physical science will include concepts relating to matter, motion, forces, and energy. Special emphasis will be placed on using these concepts to explain the natural world phenomena.

Environmental Science

This course serves as an introduction to the field of scientific study known as environmental science. Students will learn about the nature of science and scientific inquiry in the context of physical, biological, and social sciences that make up environmental science. Topics that are likely to be covered include ecosystems, population studies, evolution, Earth's cycles, environmental/climate change, energy and resources, and human impact and economic/environmental policy. Special emphasis will be placed on ecological topics in preparation for the Biology Keystone.

Physics

This course serves as an introduction to the field of physics. Students will learn about the nature of science and scientific inquiry in the context of physics and the systems it attempts to describe. Topics that are likely to be covered include one and two dimensional motion, forces and laws of motion, energy, gravity, heat, sound, and electromagnetic waves. Coursework includes in-class and take home assignments and laboratory activities. Students considering this course should be willing to use Algebra and Geometry and demonstrate problem-solving abilities.

This course is designed as a full year course worth 1 credit toward graduation. Students who should be inclined to take this course are students interested in the science/engineering fields in college.

Biology

A Keystone exam is given upon completion upon this yearlong course. Topics include an in depth study of cells and cell processes as well as the continuity and unity of life. This includes the chemical basis for life, basic biological principles, homeostasis, transport, bioenergetics, cell growth, reproduction, genetics, evolution, and ecology. This is a required course for sophomores and earns you 1 science credit towards graduation.

Anatomy

Anatomy courses present an in-depth study of the human body and biological system. Students study such topics as anatomical/medical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems. This course includes dissections and labs. This course is designed as a full year course worth 1 credit toward graduation. Students who should be inclined to take this course are students interested in the science/medical fields in college. Students enrolled should have proficient or advanced in the Biology Keystone Exam.

Advanced Chemistry

This course is designed as a full year course worth 1 credit toward graduation. Students who should be inclined to take this course are students interested in the science fields in college (any science major, nurses, and doctors). It is a fast pace course designed to prepare students for their first year of chemistry in college.

The organic chemistry course provides a systematic study of the theories, principles, and techniques of chemistry. Topics include oxidation-reduction reactions, thermochemistry, molarity and molality, organic nomenclature, structure, properties, reactions, and mechanisms of hydrocarbons, alkyl halides, alcohols, and ethers; further topics include isomerization, stereochemistry, and spectroscopy. Upon completion, students should be able to demonstrate an understanding of the fundamental concepts of organic topics as needed in college. Laboratory experiments will be conducted to help further understanding of advanced chemistry.

Prerequisites for this course are: Chemistry and Pre-calculus.

Chemistry

This course is designed as a full year course worth 1 credit toward graduation. Students who should be inclined to take this course are students interested in the science. This course designed to give students knowledge about chemistry.

The conceptual chemistry course provides a systematic study of the theories, principles, and techniques of chemistry. Topics include history of the periodic table, quantum theory, chemical and physical properties, chemical reactions, chemical structures, acid-base reactions and oxidation-reduction reactions. Upon completion, students should be able to demonstrate an understanding of the fundamental concepts of chemistry.

The prerequisite for this class is Algebra II and proficiency on the Biology Keystone test.

Conceptual Chemistry

This course is designed as a full year course worth 1 credit toward graduation. Students who should be inclined to take this course are students interested in the science. This course designed to give students knowledge about chemistry.

The conceptual chemistry course provides a systematic study of the theories, principles, and techniques of chemistry. Topics include history of the periodic table, chemical and physical properties, chemical reactions and chemical structures. Upon completion, students should be able to demonstrate an understanding of the fundamental concepts of chemistry.

There are no prerequisites for this course.

Unified Science

This course is designed as a full year course worth 1 credit toward graduation. Students who should be inclined to take this course are students that were not successful on the biology keystone but are interested in science. This course designed to give students knowledge about biology, general science and chemistry.

The unified science course provides a systematic study of the theories, principles, and techniques of general science, biology and chemistry. Topics include organic molecules and water, properties of water, enzymes, genetics, history of the periodic table, chemical and physical properties, chemical reactions and chemical structures. Upon completion, students should be able to demonstrate an understanding of the fundamental concepts of general science, biology and chemistry.

There are no prerequisites for this course.

03064 Wildlife Management

This course is an introduction to the local habitat and how to care for it. Topics will include native plants and animals as well as the need for clean water to support habitats. Also includes a lab period.

03063 Intro to Botany, Genetics and Horticulture

This introductory course will focus on skills related to plant propagation, plant nutrition, and greenhouse management. Also includes a lab period.

Earth and Space Science

This full-year course will explore Earth, starting with close examination of the planet we inhabit and then shifting focus to our place within the solar system and the universe at large. We will then return to Earth's atmosphere and hydrosphere, how it interacts with the landscape, and our need to use it as a resource. Students will learn about the nature of science and scientific inquiry in the context of geology, astronomy, hydrology, oceanography, and meteorologic science.

8th Grade STEM Block Rotation

This course will focus on problem solving and team building skills, topics will include measurement lab, simple and compound machines, design and engineering while building a Rube Goldberg machine in teams.

9th Grade STEM Block Rotation

This course will be a hands-on experience to enhance lessons that supplement topics in life and environmental issues.

Engineering Design and Development

Course Description: Engineering Design and Development courses provide students with the opportunity to apply engineering research principles as they design and construct a solution to an engineering problem. Students typically develop and test solutions using computer simulations or models but eventually create a working prototype as part of the design solution.

SOCIAL SCIENCES AND HISTORY

04104 AP US History

AP U.S. History Following the College Board's suggested curriculum designed to parallel college-level U.S. History courses, AP U.S. History courses provide students with the analytical skills and factual knowledge necessary to address critically problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past.

04105/04102 American/PA History

State-Specific Studies State-Specific Studies courses examine the history, politics, economics, society, and/or cultures of one state in the United States. This course may focus primarily on the history of that state or may take an interdisciplinary approach to the contemporary issues affecting it.

Early U.S. History courses examine the history of the United States from the colonial period to the Civil War or Reconstruction era (some courses end after this period). Some courses include North American history before European settlement, while others may begin at the formation of the new nation. These courses typically include a historical overview of political, military, scientific, and social development

04058 Ancient History

This course primarily examines Ancient Greece and Ancient Rome. We will look at the religions, the governments and the ways of life of these civilizations. We will also look at how they rose to power and how they declined. We will also look at the people who obtained information about these ancient civilizations and how they went about getting that information. Additionally, we will study how these civilizations changed during their time and how they influenced our current society.

At the end of this course, the students will be able to describe Ancient Greece and Rome's governments, religious views, how they rose to power and how they eventually lost power and how they influenced the modern world.

04001 World Geography (Grade 7)

This course looks at the geography of the different countries of the world. Geography is the study of the world's people, places, and environments. When examining a country or region, we will look at the landscape, the climate, economic activity, a brief history of how it has developed, people, and some problems it is facing.

We will also look at the tools geographers use to gather the information they have obtained over time. We will also look at the earth itself, its different landforms, its rotation around the sun, etc.

At the end of this course, you will be able to be given a place on earth and describe its landforms, climates, and how people there make a living.

04063 Western Civilization I (Ancient Civilization)

Western Civilization I examines past cultures in order to compare their experiences and make us aware of the opportunities and limitations of modern cultures. Major political, social, economic, and culture trends and their influences on modern civilization are examined. As an introduction, this course begins in the Ancient Near East and proceeds through the Central Middle Ages.

04258 Introduction to Sociology

This is an introductory course that will familiarize the student with the basic principles and theories associated with sociology. This course will prepare students to look critically at a variety of social issues. Critical thinking is emphasized as students are provided thought provoking opportunities in challenging them to examine their diverse world.

04151 US Government (Civics)

U.S. Government—Comprehensive U.S. Government—Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

12103 Finance

FINANCE- Finance courses are similar to Banking and Finance courses, but they focus specifically on finance, addressing how businesses raise, distribute, and use financial resources while managing risk. Course content typically involves modeling financial decisions (such as borrowing, selling equity or stock, lending or investing) typically undertaken by businesses.

04103 US History

Modern U.S. History courses examine the history of the United States from the Civil War or Reconstruction era (some courses begin at a later period) through the present time. These courses typically include a historical review of political, military, scientific, and social developments.

04053 Modern World History (World History)

Modern World History courses provide an overview of the history of human society in the past few centuries—from the Renaissance period, or later, to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

Modern History

This course addresses the social, economic, political, and military aspects of the United States from the end of the World War II to the present. The course will emphasize the important people, issues, and events of the latter half of the 20th century through our present day.

04005 U.S. Geography 9

U.S. Geography courses provide an overview of the geography of the United States. Topics typically include the physical environment, the political landscape, the relationship between people and the land, and economic production and development.

FINE AND PERFORMING ARTS**05101 General Band**

General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles).

Middle School Chorus

Middle School Chorus courses provide the opportunity for grade 7-9 singers a variety of choral literature styles for men's and/or women's voices, and are designed to develop vocal techniques and the ability to sing parts.

High School Chorus

High School Chorus courses continue to provide the opportunity to sing for students in grades 10-12. Singers perform a variety of choral literature styles for men's and/or women's voices and are designed to continue developing vocal techniques and part reading.

05113 Music Theory

Music Theory courses provide students in grades 10-12 with an understanding of the fundamentals of music and include one or more of the following topics: composition, arrangement, analysis, aural development, and sight reading/singing.

Contemporary Band

Contemporary Band courses provide students in grades 10-12 with the opportunity to further develop their instrumental proficiency by playing solo literature on their primary instrument as well as in a small ensemble setting with other students.

05116 General Music /Appreciation (7th grade Music block)

General Music/Appreciation surveys the basics of music theory, notational skills, aural skills, ear training, and basic musical understanding. The course helps build an appreciation of various musical genres, as well as exploring various cultures.

05155 Creative Art—Drawing/Painting (Art Elective)

Creative Art—Drawing/Painting courses cover the same topics as Creative Art—Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

05199 Visual Art (7th grade Visual Art Block)

These courses offers an in-depth exploration into a variety of art media, with activities developed upon the foundation skills learned in the elementary art classes. In order to understand and appreciate how Visual Art communicates life experiences, all students will not only be able to produce, but also discuss, interpret, and evaluate works of art in a variety of 2D and 3D media. Experiences involving aesthetics, art criticism and art history are explored as part of media projects and/or separate content/lesson activities.

FOREIGN LANGUAGE

06101 Spanish I

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

06102 Spanish II

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

06103 Spanish III

Spanish III courses focus on having student's express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

06104 Spanish IV

Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

PHYSICAL, HEALTH, AND SAFETY EDUCATION

08001 Physical Education

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

08051 Health Education

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

08151 Drivers' Education—Classroom Only

Drivers' Education—Classroom Only courses provide students with the knowledge to become safe drivers on America's roadways. Topics in these courses include legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs).

BUSINESS, COMPUTER, AND INFORMATION TECHNOLOGY COURSES

10001 Introduction to Computers (8th grade Block)

Introduction to Computer courses introduce students to computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, possible applications of computers, and occupations related to computer hardware and software. These courses typically explore legal and ethical issues associated with computer use, as well as how computers influence modern society. Students may also be required to perform some computer operations.

Accounting

Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process. **This can be taking as a Dual Enrollment course through Penn Highlands Community College (3 CREDITS)**

Advanced Computer Applications:

This hands-on course introduces the student to the more popular microcomputer software packages available including Windows, word processing, spreadsheets, and presentations. This course provides students with a working knowledge of these software packages to accomplish the more common tasks. The Microsoft Office suit, including MS Word, MS Excel, and MS PowerPoint are used. **This can be taking as a Dual Enrollment course through Penn Highlands Community College (3 CREDITS)**

Computer Applications (9th Grade Block)

In Computer Applications courses, students acquire knowledge of an experience in the proper and efficient use of previously written software packages. This course explores a wide range of applications including (but not limited to) word-processing, spreadsheet, graphics, and database programs. It may also cover the use of electronic mail and desktop publishing if time permits.

Digital Media

This hands-on course introduces the student to the Adobe package. This course provides students with the working knowledge of Adobe to accomplish various digital tasks. Students will learn how to edit photos, use the selection tools and shortcut keys, work with layers, drawing and painting with color, enhancing and repairing photos, and apply filters and patterns in Photoshop. In Illustrator, we will go over the basic drawing tools, symbols, effects, arranging, group objects, working with layers, using a grid, typing on a path, and using the different brushes. In Dreamweaver, we will be creating websites from the ground up and if time permits, we will work on various Flash projects. We will be using Photoshop, Illustrator, Dreamweaver, and Flash from the Adobe CS5.5 Suite.

Interactive Media

Interactive Media is a semester long class that teaches students the fundamentals of computer programming, which unblocks the ability to make rich, interactive apps. We will use JavaScript as the programming language and App Lab through Code.org as the programming environment to build apps; however, the concepts learners will span all programming languages and tools. We will also discuss public policy, law, ethics, and societal impact.

Introduction to Business

This course examines the social, legal, ethical, economic, and political interactions of business and society. This is a basic foundation for the student who will specialize in some aspect of business and will also provide the opportunity for non-business majors to learn about the relationship and impact of business to a society in which they are citizens, consumers, and producers. The class includes such topics as economic systems, government and business, ethics and law, social responsibility, globalization and international business concepts, principles and practices. **This can be taken as a Dual Enrollment course through Penn Highlands Community College (3 CREDITS)**

Journalism/Yearbook

Journalism courses emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included. Student will complete a monthly article for the school newspaper (Viking Voyager). They will work on their proofreading and writing skills throughout the year. Students will also design and create the yearbook using the programs through Jostens. Staff members may be required to attend events to take pictures. Students in this class must have an 85% or higher in their English classes.

Keyboarding (7th grade Keyboarding Block)

Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

Personal Finance

Personal Finance will cover topics that you will use in everyday life after graduation. The class may include topics such as managing careers and money, managing credit, managing resources, and providing financial security. This class will cover topics on payroll, taxes, checking and banking, and saving for the future. As a class, we will cover credit records and laws, the cost of using credit, and typical problem associated with credit. We will discuss how to make personal budgets, renting vs buying, and buying and owning a vehicle. If time permits, we will discuss investing for the future such as investing in stocks, bonds, mutual funds, real estate, and retirement.

Sports and Entertainment Marketing

Sports and Entertainment Marketing courses introduce students to and help them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment.

Word Processing (11th grade Block)

Word Processing courses introduce students to automated document production using one or more software packages. These courses may introduce keyboarding techniques or may require prior experience; in either case, speed and accuracy are emphasized. A parallel focus is placed on the use of software commands and functions to create, edit, format, and manipulate documents, capitalizing on the power offered by word processing software programs. These courses may also cover file and disk management and other computer-related skills. Students will mostly using Microsoft Publisher.

MANUFACTURING

11154

Commercial Graphic Design

Semester Class

Course Description: Commercial Graphic Design courses teach students to use artistic techniques to effectively communicate ideas and information to business and customer audiences via illustration and other forms of digital or printed media. Topics covered may include concept design, layout, and techniques such as engraving, etching, silkscreen, offset, drawing and cartooning, painting, collage and computer graphics.

Course Goals: Students will be instructed on the use of graphic design software (CorelDraw). Students will use the graphic design software to layout, design, and produce different graphics/projects. Students will have an understanding and ability to program both the laser engraver, and vinyl machine to complete teacher assigned projects.

8th Grade Technology

This 9-week course is required for all 8th grade students offering an exploration and introduction to woodworking tools and processes. In addition the students will learn communication and problem solving skills while building a shelf.

9th Grade Technology

This 9-week course is required for all 9th grade students offering an introduction to basic cabinetmaking tools and skills. Students will learn basic woodworking processes and concepts, while reinforcing their knowledge of scale and design. The class will create a Clock.

Wood Fabrication I

This is an 18-week course offering introductory experiences in cabinetmaking materials and processes. Emphasis will be placed on an understanding of the safe use and care of power woodworking tools and machines. Students will also learn various design and problem solving skills while participating in school improvement projects. *Class size limited to 12. Students Create their own projects.*

Wood Fabrication II

This is an 18-week course offering advanced learning in cabinetmaking materials and processes. Emphasis will be placed on the safe use and care of advanced power woodworking tools and machines. In addition the students will learn to read and develop a working set of drawings for each project constructed. Students will also apply their knowledge of construction processes to produce various school improvement projects. Students also create their own projects.

CADD I

This is an 18 week course offering advanced learning experiences in visual communications and design applications with an emphasis on solid modeling, orthographic projection, and isometric projections. This course will also offer an introduction to auto desk inventor, and architectural desktop. With an emphasis on blue print reading, residential construction and design. Students will design and complete a set of working architectural drawings using architectural desktop computer design software.

FAMILY AND CONSUMER SCIENCE

19252 Food Preparation and Health Management (formerly Food and Nutrition)

1 In this class students are introduced to food and nutrition. They learn about safety and sanitation, healthy eating, reading nutrition labels, cooking terms and equipment, time management, meal prep, baking and cooking. There are opportunities to complete cooking labs and enter food contests among classmates. There are also opportunities for student input and interest.

2 This class is a continuance of Food and Nutrition 1. There are prerequisites for this class which include: having a satisfactory completion of Food and Nutrition 1, positive behavior and participation during Food and Nutrition 1, and the teacher and principal both approve the individual student for the class. There are also opportunities for student input and interest.

19257 Life Skills (Sr. High Personal Development)

This class is designed to teach students real-world skills necessary to be a successful, contributing adult. We cover information related to healthy and unhealthy relationships and friendships, peer pressure, communication barriers, and communication styles. We cover a financial literacy unit where we write checks and balance checkbooks, learn about credit, and budgeting. Our “real-world” unit includes: purchasing a car and car insurance, renting an apartment, doing laundry, and basic sewing. There are also opportunities for student input and interest.

19255 Child Development/Parenting

This class is designed to provide students with knowledge about family systems and relationships, family planning, anatomy, fetal development, and labor. We then learn about caring for a newborn as well as the physical, emotional, and mental development of a child. We will also cover a unit of child psychology.

19260 Personal Development (POSITIVE BEHAVIOR 7TH AND 9TH- BOTVIN)

Personal Development courses emphasize strengthening self-esteem, recognizing and resisting negative peer pressure, and developing coping skills for dealing with life and career issues and changes (such as family changes). These courses include communication, conflict resolution, practical problem-solving, and decision making. They may also include building resiliency skills and asset building.

22201 Family and Consumer Science (Grade 9, A and B)

Family and Consumer Science—Comprehensive courses are inclusive studies of the knowledge and skills that are useful for the efficient and productive management of the home. Course topics typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions and personal financial management; and interpersonal relationships.

MISCELLANEOUS

22999 Miscellaneous – Library Skills (7th grade Library Block)

Library Skills course will introduce students to the library's services and the behavior expected of them in a library. The Dewey Decimal Classifications System will be reviewed and students will be expected to locate materials in the library. Students will be introduced to internet search engines and computer-based research. Reference works, both print and non-print will be examined.

02993 Mathematics— SAT Test Preparation

Mathematics—Test Preparation courses provide students with activities in analytical thinking and with the skills and strategies associated with standardized test taking (such as the PSAT, SAT, and ACT). Topics covered include strategies for arithmetic, algebra, geometry, and quantitative comparison problems as well as time management, scoring procedures and calculator usage.

SAT Test Preparation - English

The SAT Prep course concentrates on SAT reading, vocabulary and writing skills along with math practice. The course includes practice in taking the SAT test, as well as strategies for the question types (sentence completion, vocabulary, critical reading, and writing – finding errors / revision). In the Spring Semester, the course will focus on the new SAT test, using Cambridge textbooks, Khan Academy online, and classroom reading, vocabulary, grammar lessons and practice tests.

Career Awareness

This course was designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choice. Students will be made aware that there are many factors to consider before selecting a suitable career. This course will assist the students in assessing their personal strengths and weaknesses as they relate to career decisions. This course will aid the student in developing strategies to make an effective transition from school to work. The student will develop skills in this course that are generic to all occupations, such as properly preparing career documents needed to obtain employment. The student will be able to recognize that career enhancements and career changes are common and that they need to be prepared with the proper tools, resources, and guidance to make informed decisions about their career choice throughout their lifetime.