# LOYALSOCK TOWNSHIP HIGH SCHOOL

# 2025-2026
# Course Descriptions

**Courses by Department**

# Art

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| 3D Art | 1.0 | 9-12 | None | 1 |
| Drawing & Painting I | 1.0 | 9-12 | None | 1 |
| Drawing & Painting II | 1.0 | 9-12 | Drawing & Painting I | 1 |
| Honors Drawing & Painting III | 1.04 | 10-12 | 90 or higher in Drawing & Painting II OR Portfolio Review | 1 |
| Ceramics & Glass I | 1.0 | 9-12 | None | 1 |
| Honors Ceramics & Glass II | 1.04 | 10-12 | 90 or higher in Ceramics & Glass I | 1 |
| Photography | 1.0 | 9-12 | None | 1 |
| Honors Portfolio Development | 1.04 | 11-12 | Those needing Portfolio for College Admissions or upon teacher approval | 1 |
| Fiber Arts | 1.0 | 9-12 | None | 1 |

**DRAWING & PAINTING I** 1.0 Credit

Foundation of Visual Arts is an introductory course where students are given a sampling of various 2-D mediums. The principles of art and design are stressed with each project.

**DRAWING AND PAINTING II** 1.0 Credit

This is an intermediate course for those students who wish to improve their drawing skills and explore a variety of painting techniques and styles. An emphasis will be placed on the rules of design, composition, and student imagination. Students will explore advanced perspective, portraiture, scratchboard, and stipple-drawing.

**HONORS DRAWING AND PAINTING III** 1.0 Credit

This is an advanced course for those students who wish to further improve their drawing skills and explore a variety of painting techniques and styles. An emphasis will be placed on the rules of design, composition, and student imagination. Students will explore advanced perspective, portraiture, print-making, and pointillism.

**HONORS PORTFOLIO DEVELOPMENT** 1.0 Credit

For students pursuing a degree in Art in their post-secondary studies, the Portfolio Development course helps students increase both the inventive and expressive portions of their artistic portfolio. Students develop skills and work habits which will build confidence in their artistic development. Students will gain a better sense of their strengths as an artist. The Portfolio Development course offers insight into building a portfolio for higher education and the art school admissions process.

**FIBER ARTS** 1.0 Credit

This course will give students an overview introduction of fiber work using natural and man-made materials.Using fiber and textile media and techniques, students will create works that focus on both two and three-dimensional artworks. Fiber and textile processes may include: weaving, fabric printing, papermaking, embroidery, batik, and mixed media. Cultural, historic, and aesthetic aspects of these processes will be incorporated, as well as experiences in art criticism. Emphasis will be placed on creative design concepts, craftsmanship, and skillful and imaginative use of materials.

**PHOTOGRAPHY** 1.0 Credit

Photography will be an exploration of the art and science of photography. This course will look at the many facets of photography from art, science, commercial, fashion, portrait, documentary, and journalistic approaches. We will focus on the capturing, adjustment, and alteration of digitally captured images. The principles of art and design are stressed with each project. Students will be evaluated on technique, creativity, effort, and critical responses.

**3D ART** 1.0 Credit

Open to grades 9-12, 3D Art is an introductory course where students create various 3D pieces of art. Students develop original arts by considering the length, width and depth of a 3D piece. This class focuses on working with a variety of materials including found objects, paper, clay, foam, plaster and a variety of repurposed objects.

**CERAMICS AND GLASS I** 1.0 Credit

Ceramics and Glass is an intermediate course that focuses on the heated transformation of raw materials into functional and sculptural forms. The principles of design, ergonomics, and utility are stressed with each project. This course is excellent for visual and kinetic learners who are good with their hands and are not afraid to get dirty. Sample projects include, but are not limited to: cups/tumblers, tea-bowls, mugs, tiles, stained glass, and fused glass. **Long and/or fake fingernails are not permitted and hair must be pulled back during class.**

**HONORS CERAMICS AND GLASS II** 1.0 Credit

This is an advanced art course for those students who wish to seriously explore hand-built and wheel-thrown forms. Students will learn to create various sculptures including, but not limited to: boxes, roasters, teapots as well as human and animal forms. They will also learn to create vases, perforated forms, covered jars, pitchers, goblets, teapots and other utilitarian forms. **Long and/or fake fingernails are not permitted and hair must be pulled back during class.**

## Business, Computer and Information Technology

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Accounting I | 1.0 | 9-12 | None | 1 |
| Accounting II | 1.0 | 10-12 | 75 or higher in Accounting I | 1 |
| Financial Literacy and Planning | 1.0 | 11-12 | None | 1 |
| Marketing I | 1.0 | 9-12 | None | 1 |
| Marketing II | 1.0 | 10-12 | Marketing I | 1 |

| | | | | |
|---|---|---|---|---|
| Introduction to Business | 1.0 | 9-12 | None | 1 |
| Entrepreneurship | 1.0 | 9-12 | None | 1 |
| Digital Information Technology I* | 1.0 | 9-12 | None | 1 |
| Digital Information Technology II* | 1.0 | 10-12 | Digital Information Technology I OR teacher approval | 1 |
| Computer Science I * | 1.0 | 9-12 | None | 1 |
| Computer Science II * | 1.0 | 10-12 | Computer Science I | 1 |
| Computer Science III* | 1.0 | 11-12 | Computer Science II | 1 |
| Video Game Design* | 1.0 | 9-12 | None | 1 |
| Web Design* | 1.0 | 9-12 | None | 1 |

*** TECHNOLOGY REQUIREMENT OPTIONS**

**DIGITAL INFORMATION TECHNOLOGY I** 1.0 Credit

In this course students will complete a series of micro units to cover a variety of digital literacy topics and preview topics covered in detail in our other technology courses. Students will have a better understanding of how information is represented digitally and sent over the internet. Students will learn some basic fundamentals of JavaScript and web design as well as general skills in a variety of application software. With a focus on creativity, problem solving and project-based learning, Digital Information Technology will give students the opportunity to explore several important topics and continue to develop skills to further endeavors in any career field.

**DIGITAL INFORMATION TECHNOLOGY II** 1.0 Credit

In this hands-on intermediate/advanced course students will go beyond the basic operations of commonly used application software (Microsoft Office, iWorks, Google Suite). This course will build on student's prior knowledge and experience with personal uses of computers/technology to include various business and industrial use at a higher level in order to prepare for college or the workforce. Students will continue to examine some of the social and ethical implications of computers in our society as well as a variety of current trends in computer security, and digital citizenship.

**VIDEO GAME DESIGN IN UNITY** 1.0 Credit

The Video Game Design in Unity course teaches the fundamentals of designing a video game using the most widely accessed and preferred editing engine in the world. The intent of this course is to prepare high school students with the industry related skills needed for the workplace and higher learning environments. Students illustrate comprehension of game design skills and apply their knowledge using the Unity game engine. Students will create their games and configure scripts using C# in Visual Basic Studio and the Unity game engine. By the end of this course, they will understand the design planning process, be knowledgeable of industry related careers, and be able to navigate the Unity environment in order to create 3D games.

**WEB DESIGN** 1.0 Credit

In this project-based course students will learn HTML and CSS programming languages, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain

how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multi page websites. Students will learn the foundations of user interface design, rapid prototyping and user testing, and will work together to create professional, mobile responsive websites. In today's world, web pages are the most common medium for sharing ideas and information. Learning to design websites is an incredibly useful skill for any career path.

**ENTREPRENEURSHIP** 1.0 Credit

Entrepreneurship focuses on recognizing a business opportunity, starting a business, operating, managing and maintaining a business. Students will be exposed to the development of critical thinking, problem solving, and innovation in this course as they will either be the business owner or individuals working in a competitive job market in the future. In the United States small businesses make up close to 90% of all businesses. Integration of accounting, finance, marketing, business management, legal and economic environments will be developed throughout projects in this course. Students will work to develop a business plan that includes structuring the organization, financing the organization, and managing information, operations, marketing, and human resources. Through various projects, team building activities and lessons students will be engaged in the creation and management of a business and the challenges of being a small business owner. Various forms of technologies will be used to expose students to resources and application of business principles for starting, operating and maintaining a business. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry.

**ACCOUNTING I** 1.0 Credit

Accounting I provide a valuable skill for all students who are college bound, and who are entering the field of self-employment, or who intend to seek employment in the business world. Students are encouraged to take this course if they plan to take the advanced course in Accounting. Students will learn accounting applications for a service business as well as for a merchandising business. Emphasis is on the basic principles, concepts, and procedures of accounting which will ensure all students' maximum opportunity when entering the world of business. While following GAAP(Generally Accepted Accounting Procedures, areas of concentration include:

- Completion of the accounting cycle using double entry accounting for a sole proprietorship
- Reconciling bank statements
- Money and banking applications
- Preparation of financial reports
- Preparation of a payroll

**ACCOUNTING II** 1.0 Credit

Accounting II is a recommended subject for all students who have satisfactorily completed and earned 75 or above in Accounting I. Completed as an Independent Study, this course is designed to give the students a brief review of Accounting I concepts and procedures. These concepts include the accounting cycle for a merchandising business, preparation of a payroll, money and banking applications and financial statements. After a review of concepts learned in Accounting I this course will concentrate on (1) analyzing problems involving partnership and departmental accounting applications, (2) analyzing problems using automated accounting software, (3) utilizing the computer for weekly corporate news reports and preparation of summary analysis, (4) preparing Federal and State income tax forms, and (5) analyzing corporate annual reports.

**FINANCIAL LITERACY AND PLANNING** 1.0 Credit

This is a mandatory capstone course for all students. This course will set students up for success once they graduate. Students will explore and thoroughly plan and prepare for life after high school. The law portion of the course will provide an in-depth and extensive study in consumer law, civil law, criminal law, and court structure,

rights/duties of minors and parents, explore real world court cases and attend the Lycoming County Courthouse to see a trial. The investment portion of the course will emphasize financial planning, as well as developing an understanding of retirement accounts, stocks, bonds, mutual funds, investment terminology and provide students with an attainable understanding of how they can invest. The financial portion of the course will cover financial responsibility, budgets, loans, credit, insurance, and provides students with the knowledge needed for financial success in their future. In the education section, students will participate in college preparation, such as researching appropriate colleges and majors, creating a Common Application, exploring the FAFSA, applying for scholarships, finalizing resumes, and participating in the mock interview process. Students whose goals do not include a university pathway will conduct similar work in exploring branches of the military or career fields not requiring postsecondary education. This course is designed to provide the student with practical knowledge which will not only benefit them in everyday life situations, but will also provide a valuable foundation for their future**..** May fulfill a math credit requirement towards graduation, with administration approval. **This course is required for graduation**

**INTRODUCTION TO BUSINESS** 1.0 Credit

Introduction to Business will introduce the student to the world of business and will help prepare you for the economic roles of consumer, worker, and citizen. Some of the topics covered include: economic systems, decisions, resources and supply/demand; entrepreneurship, global economy, social responsibility, and finance. This course will also serve as a background for other business courses offered in high school and in college, assist you with consumer decision making, prepare you for future employment, and help you effectively perform your responsibilities as a citizen.

**MARKETING I** 1.0 Credit

Marketing will focus on providing students with a foundation in basic marketing principles. Students will discover how businesses convince customers to buy their products. This knowledge is beneficial for not only someone selling goods and services, but for the everyday consumer to understand how they are being targeted by companies all the time. Students will explore topics such as the marketing concept, global marketplace, technology and marketing, advertising, product branding, social media marketing and marketing plans within various industries.

**MARKETING II** 1.0 Credit

In Marketing II, students will take all the content learned in Marketing I and apply it in a fully hands on project based way. They will use their knowledge of consumer behavior, product management, pricing, advertising, social media marketing, and more to successfully manage our school store, the Maroon Market. Students will be responsible for all of the behind the scenes work that goes into operating the Maroon Market. Some of the duties will include deciding merchandise to be sold, pricing merchandise, creating merchandise displays, creating social media campaigns, handling money, and restocking products. Students must be proficient in and will utilize Google Docs, Google Sheets, Gmail, Canva and various other software applications while conducting the business of the Maroon Market. Any student in Marketing II is required to to be a member of Future Business Leaders of America (FBLA), due to the direct partnership of FBLA and the Maroon Market.

**COMPUTER SCIENCE I** 1.0 Credit

This introduction to computer science course teaches the foundations of computer science and basic programming in JavaScript, with an emphasis on helping students develop logical thinking and problem solving skills. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. At the completion of Introduction to Computer Science students will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript.

**COMPUTER SCIENCE II** 1.0 Credit

Computer Science II is a continuation of concepts presented in Introduction to Computer Science. It is a rigorous, hands-on, project-based course that will allow students to continue to build their foundations of modern computing and programming skills. Students will have an opportunity to select the type of programming language they would like to study, to build on their knowledge and understanding of current programming concepts. The skills learned in this course will help to adequately prepare students with both the knowledge and skills to live and meaningfully participate in our increasingly digital society, economy, and culture.

**COMPUTER SCIENCE III** 1.0 Credit

Computer Science III is a capstone for the computer science courses. It is a rigorous, hands-on, project-based course that will allow students to continue to build their foundations of modern computing and programming skills. Students will have an opportunity to select the type of programming language, or computer science discipline that they would like to study. This will build on their knowledge and understanding of current programming concepts. Reflection and application will be key focuses in this capstone course. Students will conclude the course by completing a detailed and comprehensive analysis of a specific computer science topic and a reflection on how the skills and knowledge they learned will apply to their future career pathway.

## Career Readiness

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Internship | 1.0 | 12 | Progress towards graduation confirmed by counselor | 1 |

**INTERNSHIP** 1.0 Credit

The internship program is structured as a course, requiring students to complete a minimum of 120 hours of combined instructional and workplace placement hours. The course begins with an introduction of in-class instruction, followed by a placement in a local business or organization.

Students must meet graduation requirements and adhere to program expectations outlined in the student code of conduct. They are required to maintain professionalism, attend all scheduled activities, and complete assigned tasks.

1. Uphold standards noted in the Code of Expectations for Student Interns
2. Active Participation: Student interns are expected to actively engage in both school and workplace experiences.
3. Development of Learning Objectives: Interns are required to develop meaningful learning objectives in collaboration with their teacher-coordinators and worksite supervisors.
4. Participation in Reflection Activities: Interns should participate in reflection activities designed to help them process and articulate their learning experiences.
5. Orientation to Workplace: Students must undergo thorough orientations to the world of work and to their specific workplace environment, ensuring they understand workplace expectations and safety protocols.

Students will be required to apply. Please see the Internship Manual for more information on goals, objectives and course requirements.

## English

Four credits in English are required for graduation. One credit must be taken at each grade level, nine through twelve (9-12). Students are encouraged to consult with their present English teacher for guidance in selecting the proper course and course level for next year. Except in rare cases, such as remediation or AP, students may not accumulate more than one (1) English credit per year. Students repeating English classes must enroll in the same or a lower level of English when rescheduling for remediation.

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Academic English 9 | 1.0 | 9 | None | 1 |
| Honors English 9 | 1.04 | 9 | 90% average or above in 8th grade reading and 8th grade language arts, satisfactory completion of a summer reading assignment. | 1 |
| Academic English 10 | 1.0 | 10 | Successful completion of English 9 | 1 |
| Honors English 10 | 1.04 | 10 | 90% average or above in Academic English 9, or 80% average or above in Honors English 9 | 1 |
| AP Seminar | 1.08 | 10 | 90% average or above in Honors English 9 and an English teacher recommendation | 1 |
| Academic English 11 | 1.0 | 11 | Successful completion of English 10 | 1 |
| Honors English 11 | 1.04 | 11 | 90% average or above in Academic English 10, or 80% average or above in Honors English 10 | 1 |
| AP English Literature and Composition | 1.08 | 12 | 90% average or above in an English 10 and/or 11 course, and no previous high school English failures, satisfactory completion of a summer reading assignment | 1 |
| Academic English 12 | 1.0 | 12 | Successful completion of English 11 | 1 |
| AP English Language and Composition | 1.08 | 11-12 | 90% average or above in an English 11 course, and no previous high school English failures, satisfactory completion of a summer reading assignment | 1 |
| Honors English 12 | 1.04 | 12 | 90% average or above in Academic English 11, or 80% average or above in Honors English 11 | 1 |
| Yearbook and Media Journalism I | 1.0 | 9-12 | Completion of an application assignment and satisfactory attendance and discipline records | 1 |
| Yearbook and Media Journalism II | 1.0 | 11-12 | Completion of Yearbook and Media Journalism I with 80% average or above | 1 |
| Yearbook and Media Journalism III | 1.0 | 12 | Completion of Yearbook and Media Journalism II with 80% average or above | 1 |
| Creative Writing I | 1.0 | 9-12 | None | 1 |
| Creative Writing II | 1.0 | 10-12 | Completion of Creative Writing I with 80% average or above | 1 |
| Speech & Drama | 1.0 | 9-12 | None | 1 |

**ACADEMIC ENGLISH 9** 1.0 Credit

Ninth-grade English class provides a foundation for language-arts learning that students can build upon throughout the rest of their high school years. This is a standards-based course designed to build reading, writing, and vocabulary skills. Reading will focus on comprehension, vocabulary, inference, elements of literature, and literary

devices (such as simile and allusion). Students will read a selection of short stories, novels, poetry, and a play by William Shakespeare. Mechanics of grammar will be reviewed -- including capitalization, run-ons, and fragments -- and writing will be studied at the paragraph and essay level. There will be regular vocabulary practice and quizzes through Membean.com. There will also be a brief unit on using Latin prefixes.

**HONORS ENGLISH 9** 1.0 Credit

This is an intensive reading and writing course. In addition to providing a foundation for future English classes, this course prepares students for honors work in higher grades and for high-level work in college. In reading the stories, novels, and plays, students will be expected to demonstrate thorough comprehension and to use evidence from the text to make assertions about the author's purpose. We will review grammar, including capitalization and run-ons, and will work on writing at the paragraph and essay level. Honors students will cover a variety of extended material, collaboratively participate, and will be expected to work at a much quicker pace than academic students. Honors students will be required to complete a summer reading assignment, with an assessment within the first week of class.

**ACADEMIC ENGLISH 10** 1.0 Credit

Academic English 10 is a standards-based course designed to enhance the skills necessary for success in a career, college, or any postsecondary training the student chooses to pursue. The year contains a review of the mechanics of the language—capitalization, punctuation, usage, and grammar. These will be addressed through the student's writing and in as-needed mini-lessons. In literature, students study poetry, short stories, the novel, and drama as a part of theme-based units. Specifically, students study the themes of The American Dream, Moral Struggle, Coming-of-Age, and Innocence to Experience. In addition, students read four independent novels over the course of the semester. During this semester, students are required to take weekly vocabulary quizzes using Membean, an online, interactive program. Students also will be exposed to Latin, with weekly cumulative quizzes. Vocabulary and Latin lessons are designed to improve students' vocabulary skills with the intent to improve SAT scores and reading comprehension. Students will complete multiple writing assignments, ranging from speeches to analytical essays as a part of this course. Students will also participate in Keystone Exam targeted preparation designed to ensure their success on the Keystone Exam. Students will also engage in weekly writing assignments, ranging from creative to research-based.

**HONORS ENGLISH 10** 1.0 Credit

Honors English 10 introduces British literature beginning with the Anglo-Saxon period and *Beowulf* and progressing through the Age of Reason in England. Big ideas addressed through this course are the changing religious and cultural values in England, evidenced in the literature. Key literary works/authors will include *Beowulf, The Canterbury Tales*, the Arthurian Legend, and Shakespeare (drama and poetry). In addition to an intensive literary focus, students will begin a two-year study of Latin, combined with weekly Membean.com vocabulary, both of which are designed to help prepare students for the Keystone Exam, the PSAT, and the SAT. Students will also work extensively with both writing and speaking. Writings will include creative, analytical, and research-based compositions. Speech topics will also range from creative assignments to research-based topics. Honors English 10 and Honors English 11 are sequential courses, covering the beginnings of British and American literature and progressing through the modern period. The English department recommends that Honors students take both courses in order to truly appreciate the literature of the two countries.

**AP SEMINAR** 1.0 Credit

AP Seminar is a college-level course that allows students to investigate and explore real-world topics and issues by analyzing a variety of different perspectives. Using an inquiry framework, students will practice reading and analyzing novels, articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students will learn to synthesize information from multiple sources, develop their own perspectives in written essays, and

design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, students will learn to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

**ACADEMIC ENGLISH 11** 1.0 Credit

Academic English 11 is a total program of English literature, Membean and Latin vocabulary, grammar, formal composition, and a required research project. The study of literary works is theme-based, focusing on survival, identity, and bias. Students will have exposure to fiction and non-fiction works, ranging from Shakespeare to more contemporary novels, poems, and podcasts. Through the writing process, elements of grammar, usage, and punctuation will be covered on an individual, as-needed basis. The writing program encourages students to write effectively about personal experiences and critically about literature. Academic English 11 also develops college and career readiness through extensive career exploration, including an ASVAB reflection and independent research via the I-Search essay.

**HONORS ENGLISH 11** 1.0 Credit

Honors English 11 continues where Honors English 10 ended. Literature will resume with the Age of Reason in England and America and move into the modern era. Key authors include Shakespeare, the Romantic Poets, Modernists, and Harlem Renaissance authors. Students will continue their study of Latin and Membean vocabulary and will improve their public speaking skills through various presentations and speeches. This is a writing intensive course, with students writing creative, analytical, and research-based compositions. Honors English 11 also develops college and career readiness through extensive career exploration, including an ASVAB reflection and independent research via the I-Search essay.

**AP LITERATURE AND COMPOSITION** 1.0 Credit

AP English Literature and Composition is a college-level reading and writing course in which students will examine the search for life's meaning in a variety of literary works from all eras spanning the classical period to the present day. This will include short stories, poems, novels, memoirs, theatrical plays, and selected films. Students will read approximately 15 major works, answer complex analytical questions about the reading, participate in extensive discussions, give individual and group presentations, and complete numerous in-class writing assignments. This course will also prepare students for the College Board's Advanced Placement Examination in Literature and Composition through multiple choice practice tests, in-class discussion, timed writings, and course specific vocabulary lists. Students earning a score of "3" or higher may qualify for up to one year's credit in English and/or exemption from freshman English in college. Students signing up for this course must see the instructor before the end of sophomore/junior year to get the required summer assignment. Completion of this course fulfills an 11th or 12th grade English requirement.

**ACADEMIC ENGLISH 12** 1.0 Credit

Academic English 12 is a comprehensive reading and writing course in which students will examine a variety of poems, short stories, novels, plays, and nonfiction materials. Through class discussion and personal reflection, students will respond critically, personally and collaboratively to a variety of archetypal themes, examining storytelling and its connection to human nature across cultures and time periods. Comprehensive units on Greek mythology and theater, Shakespearean tragedy and media literacy will be studied. Connections will be drawn between current events and the literature being read and students will research a variety of issues and ideas to supplement assigned readings. As a capstone experience, students will write and deliver a personal legacy speech. In addition, students will expand their vocabulary through the use of Membean and Greek root study, complete personal essays, and explore a variety of ways research and language is used in professional practice. Methods of assessment include, but are not limited to, projects, writings, tests, quizzes, presentations and journals.

**HONORS ENGLISH 12** 1.0 Credit

The course comprises various thematic units, including archetypes and storytelling, Greek mythology, Shakespearean tragedy, and media literacy, while adding a focus on satire, allegory, rhetoric, and analyzing nonfiction text. Students will explore storytelling forms and meaning across various cultures and time periods through research and comparative analysis while moving through our fiction units, and will switch to a focus on nonfiction text, current media, and college preparatory writing for the second half of the semester. Students will continue to use our self-paced vocabulary platform, Membean, while also learning about Greek roots as a word decoding strategy. Students will also complete a Legacy Speech as a capstone project for the course.

**AP LANGUAGE AND COMPOSITION** 1.0 Credit

AP English Language and Composition is a college-level reading and writing course that engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. The emphasis on reading and writing will cause students to become aware of the interactions among a writer, his/her purpose, the subject, and audience expectations. Students will also gain an understanding of the way genre conventions, writing style, and the resources of language contribute to effectiveness and style in writing.

**CREATIVE WRITING I** 1.0 Credit

This elective class is designed for anyone who loves to read and write. In this class, students will learn to identify and use elements that characterize good writing and storytelling. You will write narratives, news articles, poetry, and pieces within several fiction subgenres (fairy tales, gothic fiction, dystopia, modern fiction, and more). You will also keep an online blog as well as a daily writing journal. *This is a writing intensive course*! That means that you can expect to write 1-2 pages PER DAY at a minimum.

**CREATIVE WRITING II** 1.0 Credit

This elective class is designed for any student who completed Creative Writing 1 and wants to delve deeper into their creative ability while taking on a leadership role. Students in this class will continue to improve writing skills while exploring new genres and techniques. They will have the opportunity to assume leadership positions as peer mentors (mentors are required to check in weekly with Creative Writing 1 mentees). Creative Writing 2 students will work on peer editing, modeling of genre/structure, and keeping a portfolio of work, including a self-analysis of writing, blog posts, and mentorship. Additionally, when working on the literary magazine, Creative Writing 2 students will take on active leadership roles and will be responsible for managing and editing. Just like Creative Writing 1, this is a *writing intensive course*! That means that you can expect to write 1-2 pages PER DAY at a minimum.

**SPEECH & DRAMA** 1.0 Credit

This elective is meant for those who want to sharpen their overall communication and performance skills. Speech & Drama is heavily rooted in class participation and learning how to put yourself out there. The course begins with an overview of speaking, communication styles and techniques, and just overall getting comfortable with speaking with and in front of others. Speeches, presentations and debates will be used to help with public speaking skills. The second part of the course is focused on theater, including a history and analysis of plays, stage terminology and acting techniques. This part of the course culminates with the full process of casting, preparing, and performing a one-act play.

**YEARBOOK AND MEDIA JOURNALISM I** 1.0 Credit

*Yearbook and Media Journalism* is designed to offer students (grades 9-11) an experience in photography, graphic design, journalism, technology integration, and business management. Students will explore the art of storytelling without words through photography and photojournalism. Likewise, students will uncover the elements of journalistic writing by developing an understanding of reporting, writing, editing, publishing, and promoting news while publishing the APALACO yearbook. While developing as leaders in a global community, students will embrace

the challenge of learning more about the use of 21st century technology and tools with publication. Lastly, students will manage communication and networking, timelines and deadlines, advertisements and budgets, and continue to strive to become forward-thinkers with problem solving. Level I staff members should plan to attend an extracurricular event for photography coverage each month, as well as contribute to business incentives each marking period. Staff members should budget approximately two additional hours of work time outside the typical school day each marking period.

**YEARBOOK AND MEDIA JOURNALISM II** 1.0 Credit

Yearbook & Media Journalism II is designed as a year-long course to offer students (primarily grade 10 and 11) an experience in photography, journalism, technology integration, and business management. The design and publication of the APALACO yearbook is the primary responsibility for level II students. Students will uncover the elements of journalistic writing by offering readers a look into the greater-Williamsport area through the inclusion of feature articles, and writing yearbook copy articles for assigned sections. While developing as leaders in a global community, students will embrace the challenge of learning more about the use of 21st century technology and publication tools. Lastly, students will manage communication and networking, timelines and deadlines, advertisements and budgets, and continue to strive to become forward-thinkers with problem solving. Level II staff members have the opportunity to assume leadership positions as section editors. Responsibilities also include: covering school events, completing business incentives, and keeping a portfolio of his/her work, including a self-analysis of writing, design, and involvement. Students are responsible for assuring fact/source credibility, peer-editing and motivating/managing section staff to meet deadlines.

**YEARBOOK AND MEDIA JOURNALISM III** 1.0 Credit

Yearbook & Media Journalism III is designed as a year-long course to offer students (primarily grade 12) an experience in photography, journalism, technology integration, and business management. Level III staff members will assume the role of team leader and/or section editor. The layout and design of the APALACO yearbook is the primary responsibility for editors. It is the responsibility of level III students to initiate communication and networking, set staff timelines and deadlines, implement advertisements and budgets, and mentor other staff members with task completion and problem solving. Responsibilities also include: covering school events, attending editor meetings, planning weekly for staff responsibilities, and keeping a portfolio of his/her work and progress. Level III leaders and editors will also take on the responsibility of planning and facilitating the summer journalism workshop.

***NOTE: Yearbook & Media I, II, & III sections all meet during the same period in the same classroom.***

## Mathematics

Four credits in Mathematics are required for graduation including completion of Algebra and 1 credit in Geometry.

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Algebra IA | 1.00 | 9 | Successful completion of Math 8 | 1 |
| Algebra IB | 1.00 | 9 | Successful completion of Algebra 1A | 1 |
| Geometry | 1.00 | 9-10 | Successful completion of Algebra IB or Keystone Algebra 8 | 1 |
| Honors Geometry | 1.04 | 9-10 | Successful completion of Keystone Algebra 8 with a grade of 80% or better | 1 |

| | | | | |
|---|---|---|---|---|
| Integrated Math | 1.00 | 10-12 | Successful completion of Algebra IB OR Keystone Algebra 8 AND<br>Successful completion of Geometry OR Honors Geometry | 1 |
| Statistics | 1.00 | 11-12 | Successful completion of Algebra IB OR Keystone Algebra 8 AND successful completion of Geometry OR Honors Geometry | 1 |
| Algebra II | 1.00 | 10-12 | Successful completion of Algebra IB OR Keystone Algebra 8 AND<br>Successful completion of Geometry OR Honors Geometry<br>Proficient or Advanced on the Algebra I Keystone Exam OR<br>Successful completion of Math Analysis and/or Integrated Math | 1 |
| Honors Algebra II | 1.04 | 10-12 | Successful completion of Algebra IB with a 90% or better OR Keystone Algebra 8 with an 80% or better AND<br>Successful completion of Geometry with a 90% or better OR Honors Geometry with an 80% or better and Proficient or Advanced on the Algebra I Keystone Exam | 1 |
| Advanced Trigonometry | 1.06 | 10-12 | Successful completion of Algebra II with a 90% or better OR Honors Algebra II with an 80% or better | 1 |
| Academic Trigonometry | 1.0 | 10-12 | Successful completion of Algebra II with an 80% or better OR successful completion of Honors Algebra II | 1 |
| Honors Calculus | 1.04 | 11-12 | Successful completion of Advanced Trigonometry with an 80% or better OR, with teacher recommendation. | 1 |
| AP Calculus AB | 1.08 | 11-12 | Successful completion of Honors Calculus with a 90% or better | 1 |
| AP Calculus BC | 1.08 | 11-12 | Successful completion of AP Calculus AB with 80% or better | 1 |

**ALGEBRA 1A** 1.0 Credit

CC Algebra 1A continues the algebraic concepts learned in 8th grade mathematics. Topics include solving linear equations and inequalities, graphing linear equations and inequalities, functions and their absolute value equations and inequalities, systems of equations and inequalities, exponents, polynomials, applications, and reasoning.

**ALGEBRA 1B** 1.0 Credit

CC Algebra IB reviews and extends the concepts of CC Algebra 1A. The concept of the real number system is extended through rational, irrational, real numbers, and complex numbers. Students continue to learn the techniques and applications (models) of a variety of topics including factoring, simplifying radicals and rational expressions, solving rational equations, systems of equations and inequalities including linear programming, a review and extension of probability and statistics, and arithmetic and geometric sequences and series, and basic quadratic equations.

**GEOMETRY** 1.0 Credit

The principal aim in the study of Geometry is to develop and apply the properties of points, lines, and planes and the figures they form, properties of circles, and right triangle trigonometry. The relationships of triangles,

quadrilaterals, and other polygons are extended to applications of area and volume. Inductive and deductive reasoning is stressed throughout the course.

**HONORS GEOMETRY** 1.0 Credit

This honors level course will provide a faster-paced, deeper study of the same content offered in Geometry including developing and applying the properties of points, lines, and planes and the figures they form. The relationships of triangles, quadrilaterals, and other polygons are extended to applications of area and volume. Inductive and deductive reasoning are stressed throughout the course. This honors level course will also provide more rigorous applications of Geometry to increase thinking skills and problem-solving skills.

**INTEGRATED MATH** 1.0 Credit

Integrated Mathematics is provided to engage students in the process of understanding Algebraic and Trigonometric concepts in both simple and advanced real-world context. At the end of this course, students will have the skills and abilities necessary for success in future math courses, standardized tests, and college placement exams.

**STATISTICS** 1.0 Credit

Statistics is designed to help students who anticipate entering professions such as engineering, education, psychology, social work, or business administration. Topics include measures of central tendency, measures of variability, hypothesis testing, and probability. The emphasis in each of these areas is upon giving the student enriching experiences in analysis and interpretation of data. This course has a strong emphasis on the use of technology, hands-on activities, case studies, and using real data in applications. There will be formal assessments in every unit.

**ALGEBRA II** 1.0 Credit

Algebra II is a mathematics class for students who have successfully taken either Algebra IB or Keystone Algebra 8 and either Geometry or Honors Geometry. Emphasis is placed on strengthening and extending the skills learned in previous mathematics courses. Topics covered will include:÷ factoring, exponents, radicals and radical equations, complex numbers, quadratic equations, rational exponents, polynomial identities and equations of higher order, rational expressions and equations, solving and graphing equations and inequalities of various types, polynomials, transformations across function types, and applications. Graphing calculators will be used extensively, and therefore it is strongly recommended that each student have a TI-84+ calculator for this course.

**HONORS ALGEBRA II** 1.0 Credit

Honors Algebra IB is an honors level mathematics class for students who have successfully taken either Algebra IB or Keystone Algebra 8 and either Geometry or Honors Geometry. Emphasis is placed on strengthening and extending the skills learned in these previous courses. Topics covered include: factoring, exponents, radicals and radical equations, complex numbers, quadratic equations, rational exponents, polynomial identities and equations of higher order, rational expressions and equations, solving and graphing equations and inequalities of various types, polynomials, exponential, transformations across function types, probability and applications. Due to the honors level, students should expect a faster-paced environment with more rigorous problem-solving, discussions for deeper understanding of the concepts listed above, and extended applications. Graphing calculators will be used extensively, and therefore it is strongly recommended that each student have a TI-84+ calculator for this course.

**ACADEMIC TRIGONOMETRY** 1.0 Credit

Trigonometry is the study of triangles and the functions formed by the ratio of a right triangle embedded in a circle of radius one. Topics covered include a basic introduction to trigonometric functions, identities, laws, and properties. There is also a focus in analyzing the graphs of the trigonometric functions and the various applications of these functions. This course has a strong emphasis on the use of technology with the learning of mathematics. This course is recommended for all college-bound students and is required for Precalculus and Honors Calculus.

**ADVANCED TRIGONOMETRY** 1.0 Credit

This advanced level course will provide a faster-paced, more rigorous course-work, and deeper study of the same content offered in the Academic Trigonometry course including the study of triangles and the functions formed by the ratio of a right triangle embedded in a circle of radius one. Topics covered in this course include trigonometric functions, identities, and applications of trigonometric functions, exponential functions, logarithmic functions, and conic sections. This course has a strong emphasis on the use of technology with the learning of mathematics. This course is recommended for all college-bound students and is required for Precalculus and Honors Calculus. *(also a Keystone College DE course - Math 1135: Trigonometry - 3 college credits)*

**HONORS CALCULUS** 1.0 Credit

Honors Calculus is an introductory course in differential and integral calculus of algebraic and trigonometric functions. Essential topics of analytic geometry are studied as are the many applications of calculus. Students completing this course would have a good foundation for progressing into AP Calculus AB, but would need further study to be successful at the exam.

**AP CALCULUS AB** 1.0 Credit

AP Calculus is designed to prepare students to take the college placement test offered by the College Entrance Examination Board. It extends the material covered in Honors Calculus to include the topics of the AP Calculus AB Syllabus. Students completing this course will be prepared to take the AP Exam in Calculus AB to obtain college credit. It is expected that students taking this course will take the AP Calculus AB exam at the end of the course. *(also a Keystone College DE course - Math 2150: Calculus - 4 credits)*

**AP CALCULUS BC** 1.0 Credit

AP Calculus BC is designed to prepare students to take the college placement test offered by the College Entrance Examination Board. It extends the material covered in AP Calculus AB to include the topics of the AP Calculus BC Syllabus.

Because of the intellectual challenges associated with the mastery of so much material and with the creative application of new ideas, students should be prepared to handle a rigorous course at a college-level. The course philosophy requires students to represent and connect calculus concepts in graphical, numerical, analytical, and verbal ways. While limits, derivatives, integrals, sequences, and series are studied individually, connections between all of them are constantly emphasized and each are used as tools to further study the others. The following types of equations are studied: polynomials, rationals, radicals, trigonometric, transcendental, parametric, polar, and vector. Applications include: tangent lines, differentials, optimization, related rates, area, volume, surface area, arc length, exponential decay, and rotational systems. A very quick pace is required in order to complete the syllabus outlined by the College Board.

Students completing this course will be prepared to take the AP Exam in Calculus BC to obtain college credit. It is expected that students taking this course will take the AP Calculus BC exam at the end of the course.

# Music

All students may elect any course for which they are qualified. A student may enroll for both Symphonic Band and Lancer Choir. Students with a combination of band and choir will attend band and choir rehearsal on alternating days and will receive one (1) credit for the combined courses.

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Symphonic Band | 1.0 | 9-12 | Proficiency on an Instrument (Director Approval if not in MS Band) | 1 |
| Concert Choir | 1.0 | 9-12 | None | 1 |
| Music for the Masses | 1.0 | 9-12 | None | 1 |
| Guitar | 1.0 | 9-12 | None | 1 |
| Modern Band | 1.0 | 9-12 | None but a background in vocals, guitar, piano, and or drumming preferred | 1 |
| Jazz Band | 1.0 | 9-12 | Currently enrolled in Symphonic Band and successful proficiency audition. Must also be scheduled for Music Theory | 0.5 |
| Master Singers | 1.0 | 9-12 | Current enrollment in Concert Choir and successful proficiency audition. Must also be scheduled for Music Theory | 0.5 |
| Music Theory | 1.0 | 9-12 | You can only enroll in this course if you are concurrently taking Master Singers or Jazz Band | 0.5 |

**SYMPHONIC BAND** 1.0 Credit

Symphonic Band is open to all students who play or are interested in learning a band instrument. Students are expected to have reached at least an intermediate level of performance on a band instrument and must possess minimum music reading skills commensurate with the level of music studied in ensemble settings. Students enrolled in Symphonic Band do so with the understanding that a portion of the grade for the course is derived from participation in performances which may take place outside of the school day. Students are also expected to make a positive contribution to rehearsals and attend regular lessons scheduled during the day. In addition to playing techniques and musical rudiments, the course covers a vast range of styles and genres, ranging from pop and rock transcriptions to the more serious and advanced music representing the core of the wind band literature. Additional units of study will include: individual and ensemble performance skills, music theory, music history, conducting, performance on secondary instruments, history of wind music, and instrumental repertoire.

**JAZZ BAND** 0.5 credit

Jazz Band emphasizes instruction in advanced techniques of jazz instrument playing. These include skills in tone, intonation, rhythm, tempo, dynamics, articulation, harmony, phrasing, style, and improvisation that is unique to the genre. The grade for this course is weighted when figured into class rank and GPA. Students must take a proficiency audition prior to enrolling for the course. Students enrolled in Jazz Band **must** also be simultaneously enrolled in Symphonic Band* (*an exception for piano/guitar can be made at the director's discretion based on audition*). The course will explore jazz literature and performance practices from various historical/cultural sources as well as provide many opportunities for music appreciation and knowledge of college/career opportunities. Through ensemble rehearsal, individual practice, and a variety of performance opportunities, the student will gain an understanding and appreciation for this great art form. Emphasis will be placed on improvisational skills, a sense of personal accountability, and musicianship as well as performance techniques. You

may **NOT** enroll in Master Singers if you are enrolled in this course. **All students in this course will also be enrolled in music theory (see course description below).**

**CONCERT CHOIR** 1.0 Credit

Lancer Choir represents the culmination of the Loyalsock Township choral experience. Available to all grade levels, students will build and develop their musicianship skills, including sight-singing, vocal technique, and knowledge of style and historical periods in music. The Lancer Choir repertoire spans the gamut from Renaissance motets and madrigals, to musical theater and pop. Performances include the annual Holiday Concert, Spring concerts, and the bi-annual All-District Concert at the Community Arts Center. In the past, the Lancer Choir has been involved with performances with the Lycoming College choir and other adult performing groups. Students in choir have many performance and enrichment opportunities, including performances in the community and a trip to see a Broadway show in the spring. Students involved with Lancer Choir have the opportunity to audition for Master Singers, which is the advanced choir.

**MASTER SINGERS** 0.5 Credit

This course provides a challenge for students who show advanced levels of skill development and vocal maturity, and who plan on continuing their musical activities at the college/conservatory level. In rehearsals, students work on the skills of blend, balance, tone quality, intonation, and proper interpretation while preparing for four major concerts yearly. Master Singers will receive an enriched curriculum that will address individual musical skills. In addition, students are eligible to audition for the PMEA festival system, which includes district, regional, state, and all-eastern choirs. You may **NOT** enroll in Jazz Band if you are enrolled in this course. **All students in this course will also be enrolled in music theory (see course description below).**

**MUSIC THEORY** 0.5 Credit

This full-year high school music theory course covers essential topics such as reading and writing musical notation, understanding rhythms and time signatures, and identifying scales and key signatures. Students will learn about intervals, chords, and chord progressions, and how to harmonize melodies. The course also includes ear training and exercises to develop aural skills and analyze musical form and structure. This course is offered to enhance the students' skills to apply to their music elective courses. **This course will be scheduled concurrently with Jazz Band or Master Singers.**

**MUSIC FOR THE MASSES** 1.0 Credit

Music is an important part of human existence; it tells a story, captures emotions, provides us with an escape, and often provides us the inspiration for our greatest triumphs and consolation for our humblest of defeats. For students with little or no training in music, this course will approach music from a variety of examples in which music is integral in every-day life and used strategically in the world we live in, including business/marketing, athletics, drama and dance, and media/TV, among many more examples. This course explores, in a nontechnical way, the basic elements of music and discusses the various cultural contexts in which music is found and how these affect the nature of the music and the listener's perception. It will provide students with a foundation for intelligent and appreciative listening and discussion of music through an understanding of the ways in which music is put together and the characteristics of various musical styles of non-classical music. Students will explore the relationships between music and other facets of society and culture (government, sport, film, fashion, dance, etc) while considering how the music we experience helps to define us as individuals and as a society. Upon the completion of this course, students will be able to thoughtfully analyze and discuss how music shapes their individual cultural identity and the profound impact of music in our society.

**GUITAR** 1.0 Credit

Get out your "ax" and come on tour! Regardless of your playing level, there is a place for you in Guitar. This course will explore the many different directions with one of the most versatile instruments. Included in this course will be song performance, chords (rock and jazz), Tablature, finger picking, scales for soloing and improvisation, small ensembles and rock/familiar chord progressions. Sign up and crank it to eleven!

**MODERN BAND** 1.0 Credit

Modern Band is open to all students in grades 9-12 who are interested in a non-traditional band experience. Students who take the modern band course will learn the basics of rock band instruments such as drums, bass, guitar, keyboard, as well as new instruments and programs which fall under music technology and production. The course gives students the opportunity and resources to explore a wide variety of popular musical styles in an authentic, real-world learning environment. The materials used for study are chosen from a large variety of levels of complexity and accepted methods for instruction on the instrument. Popular music of different time periods and cultures will be used as a vehicle to inspire the direction of various lessons and projects. There will be performance opportunities for modern band students throughout the duration of the class and consist of cover songs as well as originals written in class.

## Physical Education and Health

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Physical Education | 1.0 | 9 | None | .5 |
| Health | 1.0 | 9 | None | .5 |
| Fondations of Fitness | 1.0 | 10-12 | None | 1 |
| Competitive Team & Lifetime Sports | 1.0 | 10-12 | None | 1 |
| Net Sports | 1.0 | 10-12 | None | 1 |

**PHYSICAL EDUCATION AND HEALTH** 1.0 credit

The Physical Education course will focus on Team and Lifetime activities. The purpose of this course is to teach students the value of staying physically active and developing their athletic skills for present and future leisure pursuits. This class is structured so that the students will meet the PA State Standards for Physical Education through a variety of team and individual activities. Students will also be encouraged to maintain and improve their fitness levels. The Health course is designed to help students learn about their changing bodies, to help them sort out emotions and personal values, to aid them in maintaining optimum health as a lifelong process, and to show students how to take responsibility for making healthy decisions. Health is all about the student: topics include real-life situations for teens. The topics areas are based on teen pressures and teenage risk behaviors:

- Mental Health: dealing with stress, depression, suicide; having empathy for others; violence prevention; positive self-esteem; handling peer pressures; making decisions; anger management; communication skills; dealing with bullies; and more.
- Sexuality: understanding reproductive anatomy and related issues; preventing sexually transmitted infections (diseases) and pregnancy; benefits of abstinence; recognizing healthy and unhealthy relationships; birth control.
- Smoking/ Alcohol/ Drugs: understanding the dangers of substance use and helping them know how to be above the influence to use.
- Nutrition: balanced eating; understanding nutrients; reading food labels; the importance of exercise; the dangers of many diets and eating disorders.

**COMPETITIVE TEAM AND LIFETIME SPORTS** (Open to Grades 10 -12) 1.0 credit

This PE elective occurs in a block for the semester and will focus on Team and Individual Lifetime activities for those students who are interested in participating in a competitive environment. The purpose of this course is to teach students the value of staying physically active and developing their athletic skills for present and future leisure pursuits. The elective is open to any 10th-12th grade student who enjoys participating in team activities. This elective will provide opportunities to achieve skills, knowledge, and attitudes that will allow the individual to attain an optimal quality of life and well-being.

Only students that are interested *in being competitive in a co-ed setting* in both team and lifetime activities should take this course.

**NET SPORTS** (Open to Grades 10-12) **(New Course for 2025-2026)** 1.0 credit

Net sports are a course designed for students interested in tennis, table tennis, pickleball, badminton, handball and volleyball. This course may refer to any of several sports where a net is a standard part of the game and usually separates opponents from one side of the court to the other. The focus of this class is to enhance skill and knowledge necessary to play and enjoy a variety of these lifelong sports.

The objectives of this class include:

- Apply skill related principals to enhance hand-eye coordination and contribute to lifelong fitness goals.
- Create positive social interaction while integrating agility, coordination, skill development, competition and sportsmanship.
- Combine knowledge of basic skill and strategies to participate successfully in the various net sports offered.
- Students will be able to explain the rules, guidelines and cognitive skills necessary for participation

**FOUNDATIONS OF FITNESS** (Open to Grades 10-12) **(New Course for 2025-2026)** 1.0 Credit

This course is designed for motivated students/athletes interested in weight/resistance training and overall athletic performance. The goal is to safely educate, inform, and assist in the growth and development of weight-training skills while improving all 5 of the components of health-related fitness (muscular strength, muscular endurance, cardiorespiratory endurance, flexibility, and body composition). Performance and fitness will be benchmarked and measured throughout the semester, aiming to allow students to reach their goals. Classes will be held in both the classroom and the weight room. It is IMPERATIVE that students who sign up for this elective are willing to train each day of the course (athletic events will not exempt you from class participation).

## Science

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Earth & Environment | 1.0 | 9 | None | 1 |
| Honors Earth & Environment | 1.04 | 9 | 90% or better in 8th Grade Science class | 1 |
| Biology | 1.0 | 10 | None | 1 |
| Honors Biology | 1.04 | 10 | 90% or better in Earth & Environment<br>85% or better in Honors Earth & Environment | 1 |
| Chemistry | 1.0 | 11-12 | Proficient or better on the Biology and Algebra I Keystone Exams<br>Completion of at least Algebra 1 | 1 |
| Honors Chemistry | 1.04 | 11-12 | Successful completion of Algebra II or taking Algebra II concurrently<br>90% or better in Biology or 85% or better in Honors Biology<br>Proficient or better on the Biology and Algebra I Keystone Exams | 1 |
| AP Chemistry | 1.08 | 11-12 | Successful completion of Honors Chemistry with a grade of 85% or better<br>Successful completion of Algebra II or higher<br>Advanced on the Biology and Algebra I Keystone Exams *recommended* | 1 |
| Physics | 1.0 | 11-12 | Completion or are concurrently enrolled in College Prep Math or higher.<br>Proficient or better on the Biology and Algebra I Keystone Exams | 1 |
| Honors Physics | 1.04 | 11-12 | Successful completion of Algebra II<br>90% or better in Chemistry or 80% or better in Honors Chemistry<br>Strongly recommended that students are concurrently enrolled in Trigonometry or higher<br>Proficient or better on the Biology and Algebra I Keystone Exams | 1 |
| AP Physics | 1.08 | 11-12 | Successful completion of Honors Physics with a grade of 85% or better<br>Successful completion of Trigonometry or Advanced Trigonometry<br>Successful completion of Honors Calculus with grade of 85% or better | 1 |
| Integrated Physical Science | 1.0 | 11-12 | Successful completion of Earth & Environment and Biology<br>*Intended for those students pursuing a technical/vocational pathway.* | 1 |
| Honors Human Anatomy & Physiology | 1.04 | 11-12 | Successful completion of Biology with at 80% or better | 1 |
| Forensic Science | 1.0 | 10-12 | Successful completion of Earth & Environment<br>Successful completion of Biology or Honors Biology OR concurrently enrolled in Honors Biology | 1 |

**EARTH AND THE ENVIRONMENT** 1.0 Credit

This course is designed to give students a sound foundation in Earth systems and environmental science. Students will use a variety of resources including lab investigations, computer models, computer applications, research projects, and field studies to enhance their environmental awareness and scientific understanding of the Earth and environment. Topics to be investigated include ecology, evolution, the natural forces that affect the earth, hydrology ecosystems, population dynamics, sustainability, and alternative energy resources.

**HONORS EARTH AND THE ENVIRONMENT** 1.0 Credit

In this class, introductory principles of Earth systems and environmental science, including plate tectonics, energy, biogeochemical cycles, the atmosphere, weather, climate, evolution, ecology and Pennsylvania topography. Students enrolled in this course analyze and describe Earth's interconnected systems and how they are changing due to natural processes and human influence. Students will evaluate evidence from experiments and technology used by scientists to understand the nature of the Earth and the human impact on the environment. Students will also explore and evaluate sustainability concerns, including alternatives to the existing environmental conditions in terms of scientific or technological feasibility, cost, the effect on the economy, and the quality of life in the community.

**BIOLOGY** 1.0 Credit

Biology is designed to teach students the unifying principles that consume the study of life. The subject matter focuses on common life processes. The course traces biological organization from the cellular level to the entire organism. The course gives students a solid understanding of the common themes associated with the many fields within the biological sciences. Students will use a variety of resources including laboratory investigations, computer applications, and research projects to enhance their understanding of biology. All nine benchmark topics will be covered and reviewed in preparation for the Biology Keystone, which will occur at the end of the semester.

**HONORS BIOLOGY** 1.0 Credit

Honors Biology is designed to teach students the unifying principles that consume the study of life **at a deeper level and faster pace than Biology.** The subject matter focuses on common life processes. The course traces biological organization from the cellular level to the entire organism. **Students will be asked to analyze and synthesize with critical thinking skills**. All nine benchmark topics will be covered and reviewed in preparation for the Biology Keystone, which will occur at the end of the semester. **Laboratory investigations will include formal lab reports in addition to the core labs that will be run throughout the semester.**

**INTEGRATED PHYSICAL SCIENCE** 1.0 Credit

***This course is intended for those students pursuing a technical/vocational pathway.***
Physical Science is a course that explores the relationship between matter, energy, and motion. The student will investigate the following: force and motion, structure and properties of matter, interactions of matter and energy. It is the expectation that students will experience the content of Physical Science through inquiry learning. Hands-on laboratory investigations, individual studies, and group activities will be emphasized throughout the learning experience. Using available technology, students will investigate forces and motion, the chemical and physical properties of matter, the ways in which matter and energy interact within the natural world and the forms and properties of energy. Conservation of matter and energy is an underlying theme throughout the entire course. Physical Science will provide the knowledge, prerequisite skills, and habits of mind needed for problem solving and ethical decision-making about matters of scientific and technological concern. Students planning collegiate studies after graduation should plan to enroll in Chemistry/Physics.

**CHEMISTRY** 1.0 Credit

***This course is intended for those students NOT planning to continue their education in a science-related field.***

Chemistry is often referred to as the 'central science', because to understand the living and material world a person must have a basic understanding of chemical principles. This course will expose all students to the basics of measurement, composition and structure of matter, as well as the changes that matter undergoes. Through the study of how and why these changes occur, students will be able to describe a predicted outcome and understand the application of this knowledge to the real world. Hands-on laboratory activities will be performed to reinforce the content being presented in the course. Safety, ability to follow directions and work independently, as well as proper recording of data will be stressed. Students will be exposed to basic problem solving and math skills that are required for the handling, application, and display of data. Students should successfully complete a first-year algebra course prior to taking any Chemistry course.

**HONORS CHEMISTRY** 1.0 Credit

***This course is intended for students who are college bound with plans to major in a science related field and/or prepare for the AP Chemistry course.***

Chemistry is often referred to as the 'central science', because to understand the living and material world a person must have a basic understanding of chemical principles. This course will expose students to the basics of measurement, composition and structure of matter, as well as the changes that matter undergoes. Through the study of how and why these changes occur, students will be able to qualitatively and quantitatively predict outcomes and understand the application of this knowledge to the real world. Laboratory activities will be done to reinforce understanding and to test predictions. There will be an emphasis on the collection and recording of data, mathematical manipulation of data to evaluate the results of experiments, and the reporting of these results in a scientific context. Experimental design, multi-step problem solving, and the use of mathematical models in understanding and predicting observed results will be stressed throughout the semester.

**AP CHEMISTRY** *(also a Keystone College DE course*) 1.0 Credit

***The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year.***

For some students, this course enables them to undertake, as freshmen, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. AP Chemistry should meet the objectives of a good general chemistry course. Students in such a course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic.

Time Allocations: At least five hours a week in unsupervised individual study.

**PHYSICS** 1.0 Credit

***This academic level course is intended for those students NOT planning to continue their education in a science-related field.***

Physics is the study of the physical phenomena that we encounter in our daily lives. It will attempt to explain the puzzling nature of such things as automobile crashes, projectiles moving through the air, and how fundamental quantities like momentum and energy get transferred. Students work with the instructor to learn Physics through a method of engagement, exploration, and explanation. The course is intended to fulfill a physical science prerequisite for those students preparing for a technical school education or for those students who wish an elementary knowledge of physics. Mathematics will be limited to the use of arithmetic, algebra, and graphs. An emphasis will be placed on verbal and written explanations of physical events. Laboratory activities will be prevalent. Students wishing for a more in-depth study of mechanics and other physical principles, in preparation for future scientific study (including any medical, dental, engineering, chemical, biological, environmental, or physiological field), should choose Honors Physics.

**HONORS PHYSICS** 1.0 Credit

***This course is intended for academic students who are college-bound with interest or plans to major in a science related field and/or prepare for the AP Physics course.***

Honors Physics is the study of the physical phenomena that we encounter in our daily lives. Honors Physics is a "mathematical science" that gives students an opportunity to use many of the mathematical concepts that they have acquired over their years of education. Physics is a fascinating study of the characteristics of matter and energy and their relationship to each other. It emphasizes the application of mathematics as a tool to model the physical universe that surrounds us. The course will focus on Mechanics (as opposed to Electricity and Magnetism) and includes the traditional study of Newtonian mechanics, linear and multi-dimensional kinematics, and periodic motion. The concepts are presented at a level that requires an understanding of algebra, plane geometry, graphing techniques and basic right-triangle trigonometry. Students work in teams and with the instructor to learn Physics through a method of engagement and exploration. This course is intended for students interested in math or science or planning to pursue any science- or math-related field at the collegiate level.

**AP PHYSICS** *(also a Keystone College DE course*) 1.0 Credit

***The AP Physics course is designed to be the equivalent of the Mechanical Physics course usually taken during the first college year.***

AP Physics is intended for those students with interest in high-level scientific study, or who plan to major in the physical sciences, mathematics, engineering, or medical field and who plan on taking the AP Physics C – Mechanics Exam. AP Physics is a continuation of the Honors Physics course with specific emphasis on integration of the calculus underpinnings of the field. This class is intended to be representative of a common college- or university-level Physics class including mechanics and dynamics (as opposed to electricity and magnetism). The main emphasis of AP Physics at LTHS is to develop the students' abilities to read, understand, and interpret physical information in a verbal, mathematical, and graphical context. Additionally, students will be expected to describe and explain the sequence of steps in the analysis of a particular physical phenomenon or problem. Students will need to use significant mathematical reasoning including arithmetic, algebraic, geometric, trigonometric, and calculus principles. Students will be prepared for the Advanced Placement Level C-Mechanics Examination.

**HONORS HUMAN ANATOMY & PHYSIOLOGY** 1.0 Credit

Honors Human Anatomy and Physiology is an elective course in science that studies body structures, functions, pathologies, and homeostasis. Knowledge from such a study makes it possible to predict how a cell, organ, or organ system will respond to various stimuli, and how this response affects the whole person. These studies are essential for anyone who plans to pursue a career in the health sciences, psychology, or physical education. In addition, the student's ability to evaluate her/his own physiological activities, understand recommended treatments, critically evaluate advertisements and reports in popular literature, and interact with health professionals is improved with this background. The student can expect to study the major body systems with emphasis on cytology, system dissections, nutrition, and genetics. **Dissection** will be a **mandatory** part of this course.

**FORENSIC SCIENCE** 1.0 credit

This hands-on, investigative course introduces students to the scientific principles and techniques used to solve real-world crimes. Through a combination of lectures, lab experiments, and case studies, students will explore key areas of forensic science, including crime scene investigation, fingerprint analysis, DNA profiling, toxicology, ballistics, and trace evidence. Emphasis will be placed on critical thinking, attention to detail, and teamwork as students analyze evidence, gather data, and draw conclusions. By the end of the course, students will gain an understanding of the role forensic science plays in the criminal justice system, as well as the ethical and legal issues associated with forensic investigations.

# Social Studies

Students are required to earn four (4) credits within the Social Studies department before graduation. Each student will need to pass the three (3) core courses plus one (1) elective. See below for the department sequence and electives list.

| Core (Required) Courses | | | | |
|---|---|---|---|---|
| **Course Titles** | **Weight** | **Grades** | **Prerequisites** | **Credit** |
| Modern American History | 1.0 | 9 | None | 1 |
| World History/AP World History | 1.0 | 10 | None | 1 |
| Civics | 1.0 | 11 | Modern American History, World History | 1 |
| **4th Requirement Options/Electives Choices** | | | | |
| **Course Titles** | **Weight** | **Grades** | **Prerequisites** | **Credit** |
| Introduction to Social Sciences | 1.0 | 9-12 | None | 1 |
| American Pop Culture | 1.0 | 9-12 | None | 1 |
| Perspectives | 1.0 | 9-12 | None | 1 |
| World Cultures | 1.0 | 9-12 | None | 1 |
| Honors Sociology | 1.04 | 10-12 | Successful completion of Intro to Social Sciences with a 85% or higher | 1 |
| AP World | 1.08 | 11-12 | 90% in Modern American History | 1 |
| STAR Leadership | 1.0 | 9-12 | None | 1 |

**MODERN AMERICAN HISTORY (9th Grade Requirement)** 1.0 Credit

Modern American History will look at how the United States transformed into a global superpower. The course will begin with the Spanish-American War and continue through the end of the Cold War. Major course themes will include cooperation and competition amongst social groups, foreign and domestic policy, political changes, and geopolitics.

**WORLD HISTORY (10th Grade Requirement)** 1.0 Credit

World History is designed to build on the freshmen Modern American History course. The course will begin with Absolutism in Europe and how the Enlightenment influenced political and religious movements around the world. There will also be a focus on how competition and cooperation amongst the world's nations helped to shape the world we live in today. The course will conclude with the end of the Cold War.

**AP WORLD HISTORY:Modern - (New for 2025-2026)** 1.0 Credit

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and

technology and innovation. May be used as an elective option or 4th Social Studies requirement option for 11th and 12th grades, assuming the student has earned their World History credit.

**CIVICS (11th Grade Requirement)** 1.0 Credit

The course work of Civics is designed to introduce students to various aspects of American Citizenship. This class will address the foundations, philosophies, structure, and interplay between and amongst levels of government of the United States. Through the study of the Constitution, students will become familiar with the Legislative, Executive, and Judiciary process. Students will also become familiar with how governments serve their constituents, state and local concepts. A consideration of the complexities of municipal governments and their immediate problems may be addressed. This course will culminate in a commonwealth mandated assessment including a mix of traditional assessment and community service. Open to 11th and 12th grade students only. ***All students must demonstrate proficiency on a state-mandated Civics examination at the conclusion of the course.***

## 4th REQUIREMENT OPTIONS/ELECTIVE CHOICES

**INTRODUCTION TO SOCIAL SCIENCES** 1.0 Credit

Throughout the survey course, students will examine distinct areas of three social sciences; these areas include Psychology, Sociology, Economics, and Philosophy. Students will learn, and apply, the basic principles and theories of each field of study. Collectively, the course content helps students to develop critical thinking skills and enhances one's understanding of the social sciences. Finally, the course acts as a prerequisite for both Honors Sociology and AP Psychology.

**JUNIOR ROTC: S.T.A.R. Leadership** (New for 2025-2026) 1.0 Credit

The S.T.A.R. Program formalizes a partnership between US Army recruiting units and their local high school and provides students instruction and leadership, citizenship, and character development. The program leverages the expertise and resources of local US Army Soldiers to help students develop skills that will enable and encourage them to take active roles in their own lives, within their own families, their school and community, with the ultimate goal of graduating high school and creating enriching postsecondary options. Additionally, students will study of the nine forms of offensive engagement within the modern United States military. Course topics include the study of various wars, leaders within wars, Sun Zi's "Art of War," and tactical analyses of battlefields from World War I to present day.

**AMERICAN POPULAR CULTURE** 1.0 Credit

Students will examine American History through the lens of American Popular Culture. The course will begin with a brief introduction to culture; then go decade-by-decade starting in the 1920s and ending in the early 2000s. Each unit will start with a brief historical overview of major domestic and world events that impacted American society. Students will explore American culture through movies, music, fashion, literature, trends, and other mediums.

**WORLD CULTURES** 1.0 Credit

Students will study various cultures from around the world and how they interact with societies around them. Students will learn about cultural conflicts both past and present as well as how different cultures have learned to cooperate in the modern world. The class begins with learning about the five main world religions and the study of different cultural groups such as the Aboriginal culture in Australia and the Hindu culture in India. The second half of the course focuses on the history of genocide, specifically the study of the Armenian Genocide, the Holocaust, the Cambodian Genocide and some case studies of genocide today. Finally, the course ends with the study of current events as it relates to cultural conflict and cooperation, such as the war in Ukraine and the Israeli-Palestinian conflict.

**PERSPECTIVES** 1.0 Credit

Students will be analyzing and evaluating primary source documents based on significant individuals, organizations, and events that explain the experiences of African Americans and Women throughout American history. The goal of this course is to allow students to deepen their historical understanding of the unique and inspiring perspectives of those who have fought for their rights and established the culture we embrace today in our society. Students will be working individually, in pairs, and with groups of three or more to create presentations and collaborative projects that demonstrate their understanding and interpretations of the studied material. The course will be split into two semesters: The first semester will cover African American History, starting with a brief introduction to African culture and its transition from Africa to the Americas, followed by life in America throughout the nineteenth, twentieth, and twenty-first centuries. The second semester will cover Women's history, starting with a brief introduction to the concept of feminism, and how women's studies are largely rooted in the feminist movement, followed by reviewing revolutionary women and events throughout the nineteenth, twentieth, and twenty-first centuries.

**HONORS SOCIOLOGY** 1.0 Credit

This honors-level class is designed to introduce students to the theories, principles, and concepts in Sociology. We will focus on the systematic understanding of social interaction, social organization, social institutions, and social change. The study includes society's impact on human behavior and consciousness as well as how individuals and groups affect cultures and their social structures. Understanding sociology helps discover and explain social patterns and see how such patterns change over time and in different settings. As an Honors course, there is particular emphasis on the interpretation of texts, writing, class discussion, and research.

## Technology Education

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Pre Engineering & CAD* | 1.0 | 9-12 | None | 1 |
| Graphic Design* | 1.0 | 9-12 | None | 1 |
| Multimedia I * | 1.0 | 9-12 | None | 1 |
| Multimedia II | 1.0 | 10-12 | Grade of 80% or better in Multimedia I | 1 |
| Honors Architectural/Civil Engineering | 1.04 | 9-12 | Pre Engineering & CAD | 1 |
| Honors Engineering | 1.04 | 9-12 | Pre Engineering & CAD | 1 |
| Manufacturing/Woodworking* | 1.0 | 9-12 | None | 1 |
| Manufacturing Design Production* | 1.0 | 9-12 | None | 1 |

*** TECHNOLOGY REQUIREMENT OPTION**

**GRAPHIC DESIGN** 1.0 Credit

This course centers on computer generated graphics and gives the student the opportunity to learn industry-standard software programs. Design, problem solving, and creativity are concepts that students will learn through instruction and hands-on design problems. Students planning careers in desktop publishing, web design, advertising art, and graphic design should take this course.

**MULTIMEDIA I** 1.0 Credit

Students will be introduced to professional production techniques and equipment used within the communications industry. Students learn how to utilize HD video cameras, professional editing software, and hardware. Another large part of this class focus will be film analysis. Students will learn the industry techniques used to create multimedia video. Students will have the opportunity to create commercials, documentaries, short films, and other projects related to the Communications industry. Students looking to seek careers in Business Marketing, Film, Communications, Journalism, or any related career would greatly benefit from this class.

**MULTIMEDIA II** 1.0 Credit

This semester course will have students continue to independently study the electronic media of television communication concentrating on producing shows. Students will be introduced to the use of audio and video mixers and other equipment used in the studio and control room. Students will complete a variety of video assignments including assisting in documentaries for the Loyalsock Township School District. Each student will be expected to produce a one half hour show that could be featured on an internet show and/or a local cable network. Students will also be encouraged to produce segments for entry in various contests for scholarship opportunities. Each student will be expected to produce a minimum of six final edited projects that total a minimum of 45 minutes. The final project assignment will be to produce a custom DVD Portfolio which includes a compilation of all work throughout the year. Students will be utilizing professional software such as Adobe After Effects and Adobe Premiere Pro. Students will learn advanced editing techniques such as: Cropping, Motion tweens, Chroma Key, lighting techniques, Computer Animation, and Key framing.

**PRE-ENGINEERING & CAD** 1.0 Credit

Pre-Engineering & CAD is designed to introduce and learn the basic concepts of electronics, coding, Computer Aided Design.. Throughout the course students will learn a variety of concepts related to Engineering. Topics included in the course will be geometric constructions, dimensioning, orthographic projections, and sectioning. Students will gain insight into related Engineering career opportunities as well as grasp a concept of industry language. Computer Aided Drafting (CAD) and C+ robotics coding will be used throughout the course. This course will be beneficial to anyone considering a career in any form of industry including: Engineering, Design, Technical Drawing, Surveying, Fashion Design, Architecture, Interior Design, and Electronics.

**HONORS ARCHITECTURAL/CIVIL ENGINEERING** 1.0 Credit

Architectural / Civil Engineering is a continuation of the study of Pre-Engineering and CAD. The course will be divided up into three sections. The first section will be further developing and reinforcing the student's skills using the CAD program, beginning with a review from Pre-Engineering and CAD while creating a set of working drawings and parametric models. The study of Architecture in residential and commercial design will be the main focus of study in the second section of the course. Students will create designs and build models to test designs. Finally, the students will be spending a good deal of time designing a BIM 3D model. This 3D model is designed with software that is industry standard for the Drafting and Architecture professions. Students will create floor plans, kitchen and bath layouts, elevation views, site plans, renderings, and video walkthroughs. Career opportunities in the Architectural and Civil Engineering fields will be the major themes in this course.

**HONORS ENGINEERING** 1.0 Credit

This course is designed to give students the opportunity to explore engineering as it relates to industrial processes and products in the areas of manufacturing, transportation, control

technology, and communication. An overview of the fields of mechanical, electrical, architectural, industrial, civil, and fluid engineering will be covered. Simple machines, measuring, CAD, design, quality control, computer control, safety and testing will be included. The students will gain an understanding of the applicable laws of physics, including Ohm's Law, Pascal's Law, Boyle's Law, and Newton's Laws. The students will have the opportunity to

create projects and/or products in the field for which they have an interest. Special emphasis will be placed on educational requirements and career opportunities for the various fields of Engineering.

**MANUFACTURING/WOODWORKING** 1.0 Credit

Woodworking is a project-oriented course in which students will be exposed to all phases of basic and advanced woodworking techniques. The knowledge of the tools, machinery, and operations used in the course are transferable to most any career in industry today. Students do not need experience with wood or woodworking machines but will need to bring self-motivation and desire to class with them. Student students will work individually (with instructor assistance) on a project made of wood which is chosen to match their interests and needs. Each student will have the opportunity to utilize the computer controlled (CNC) router to engrave clip art, words or other designs into their projects. Students will be expected to bear the cost of their chosen materials.

**MANUFACTURING DESIGN PRODUCTION** 1.0 Credit

Shadow boxes. LED wall lights. Deco boxes. Ornaments and Jewelry. Wooden puzzles and toys. You see them in Etsy, Pinterest and Hobby Lobby. Why purchase them when you can make them yourself?

In this class you will have the opportunity to design and create them yourself using computer software, laser and CNC equipment. Further, there will be a focus on individual designs, software and equipment knowledge, personalized projects, business trade skills, production, costs, and deadlines.

## World Language

All World Language courses are sequential and elective in nature. Upon completion of Spanish I, the student should consult with the instructor in order to determine proper placement for the higher-level courses.

| Course title | Weight | Open to Grades | Prerequisites | Credit |
|---|---|---|---|---|
| Spanish I | 1.0 | 9-12 | None | 1 |
| Spanish II | 1.0 | 10-12 | Successful completion of Spanish I with an 80% or higher | 1 |
| Honors Spanish III | 1.04 | 10-12 | Successful completion of Spanish II with a 85% or higher | 1 |
| Honors Spanish IV | 1.04 | 1-12 | Successful completion of Spanish II and III with a 90% or higher in Spanish II | 1 |
| Passport to Hispanic Countries | 1.0 | 9-11 | None | 0.5 |
| Spanish Exploratory | 1.0 | 9-11 | None | .05 |

**PASSPORT TO HISPANIC COUNTRIES** 0.5 Credit

The *Passport to Hispanic Cultures* course is designed to introduce high school students to the rich and diverse cultures of Spanish-speaking countries. This course provides an engaging exploration of the music, history,

traditions, and customs of Latin American nations, fostering a deep appreciation for the cultural contributions of the Hispanic world. The course is conducted in English to ensure accessibility for students who are not yet academically prepared for Spanish 1 but have a strong interest in cultural studies.Upon completion of this course, students are required to enroll in the *Spanish Exploratory* course to further develop their linguistic and cultural competencies. Admission into the course requires a prior recommendation from our middle school Spanish teacher, ensuring that students are placed in an environment where they can succeed. **All students enrolling in this course will also be required to enroll in the Spanish Exploratory course (see course description below)**.

**EXPLORATORY SPANISH (New for 2025-2026)** 0.5 Credit

This is an introductory, one-semester course designed for students who want to explore Spanish before committing to the full-year Spanish 1 course. Through engaging and interactive methods such as TPRS (Teaching Proficiency through Reading & Storytelling), CI (Comprehensible Input), and thematic units, students will gain a foundational experience in the language. This course focuses on basic vocabulary and essential communication skills in the present tense, helping students develop beginning proficiency in reading, writing, listening, and speaking. Instruction is centered around short dialogues, storytelling, songs, and cultural explorations to provide an immersive experience. Students who complete this course, and wish to continue their Spanish studies should enroll in Spanish 1 the following year.

**SPANISH I** 1.0 Credit

First year Spanish students learn high-frequency vocabulary and sentence structures through a blend of TPRS (Teaching Proficiency through Reading & Storytelling), CI (Comprehensible Input) methods, and thematic units. The focus is narration in the present tense. Students will begin to read, write, understand, and speak Spanish, while engaging in Hispanic cultural lessons. Content is taught through listening to and reading stories, songs, short biographies, etc. Cultural components are embedded into instruction. Students are expected to read a short, leveled book. Students will exit this course able to have simple conversations about likes/dislikes, personality, hobbies/activities, school, professions, family, and food as novice-high language learners, based on ACTFL Proficiency Guidelines.

**SPANISH II** 1.0 Credit

Spanish 2 is a continuation of Spanish 1. Students continue to learn high-frequency vocabulary through the TPRS, CI methods, and thematic units. The focus of instruction is on narration in the present and past tenses communicating on topics regarding daily routine, restaurant etiquette, fashion, music, and travel abroad. Cultural components are embedded into instruction. Speaking, listening, reading and writing remain the focus. Students are expected to read two leveled books, give simple presentations, act out skits, and work with authentic materials in Spanish. Students will exit this course as intermediate language learners, based on ACTFL Proficiency Guidelines.

**HONORS SPANISH III** 1.0 Credit

In Spanish 3 the vocabulary and grammar are more advanced so students are able to produce more spontaneous conversations and communicate in real life situations. Themes could include: preparing food, discussing contemporary life (culture), volunteering in the community, and expressing future goals in Spanish. By the end of this course, students will acquire a strong base of grammatical concepts. Speaking, listening, reading, and writing will remain the focus, as the course will be taught 90% in Spanish. Students will exit this course as intermediate-low language learners, based on ACTFL Proficiency Guidelines.

**HONORS SPANISH IV** 1.0 Credit

Students will reinforce grammatical concepts as they focus on miscellaneous contemporary topics of interest. Vocabulary is considerably expanded and grammatical concepts are explored in depth. Many topics strengthen and will deepen deeper level thinking skills in Spanish. The class will focus on: immigration, health, environment, Hispanic art and architecture, plus social customs and values. Students will be daily encouraged and challenged to articulate their opinions and ideas accurately in Spanish. A highlight of this course is the inclusion of a College

readiness project which all class students will complete by the end of the semester. All communicative skills, listening, reading, writing and speaking, are further developed so that students can exit as an advanced-low language learner, based on ACTFL Proficiency Guidelines. This course is equivalent to a second level college course and will be taught entirely in Spanish. Students will exit this course as intermediate-mid language learners, based off of ACTFL Proficiency Guidelines.