



# Shippensburg Area Senior High School

## Program of Studies

### 2026 – 2027

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#### Mission

Our mission is to design engaging and intellectually demanding work that empowers all learners to define their talents, exercise effective collaboration, practice skillful communication, and develop their critical thinking skills in order to lead them to success.

#### Vision

Prepared to contribute; Prepared to succeed.

The Shippensburg Area School District is an equal opportunity education institution and will not discriminate on the basis of race, color, age, creed, religion, gender identity, pregnancy, sexual orientation, parental status, ancestry, national origin, marital status, veteran status, political affiliation, or handicap/disability in activities, programs or employment practices as required by Title VI, Title IX, Section 504, the Americans with Disabilities Act, the Age Discrimination Act of 1975, and all other applicable state and federal laws.

For information regarding civil rights or grievance procedures or for information regarding services, activities and facilities that are accessible to an useable by handicapped persons, contact Mrs. Leslee DeLong, Assistant Superintendent and Title IX Coordinator at the District Office at 317 North Morris Street, Shippensburg, PA 17257 or at (717) 530-2700; or to the Director, Office for Civil Rights, Education Department, Washington, DC 20201; or to the U.S. Equal Employment Opportunity Commission, (800) 669-4000 (toll-free) or (800) 669-6820 (toll-free TTY number for individuals with hearing impairments).

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## Welcome

Dear SASHS Families:

The Mission Statement of the Shippensburg Area School District is “Our mission is to design engaging and intellectually demanding work that empowers all learners to define their talents, exercise effective collaboration, practice skillful communication, and develop their critical thinking skills in order to lead them to success.”. The Program of Studies provides information for students and parents on the different educational programs we offer at Shippensburg Area Senior High School in order for us to prepare our students to compete in this global society.

The Pennsylvania Department of Education has encouraged all school districts to emphasize career awareness and career planning from kindergarten through 12<sup>th</sup> grade. All students at SASHS are participating in career exploration and career study using the SMART futures database and activities. These resources will allow students to make better course selections based upon their career goals and aspirations.

Please carefully review all the different courses and choose courses based upon your interests, abilities, and goals. We encourage all students to push themselves to their highest educational potential.

The master schedule for the entire school is based upon the selections you make now and, therefore, no schedule changes will be made except for the reasons listed.

*Students:* Please take this course selection process seriously. You know the direction that you want to go in life, so please choose your program carefully. We have expanded the course offerings in many areas, we continue to offer online courses, we have cooperative education for students to learn career skills on the job site while still in high school, and we have Ship Start as an option for college-level classes for students at Shippensburg University while still in high school. Please look at all the varied programs and choices before you make your selections

*Parents:* Please meet and discuss these course selections with your son/daughter. Pay close attention to the credit requirements and the course requirements that your son/daughter needs to graduate.

Helping our students be successful is very important to our faculty and administration here at Shippensburg Area Senior High School. If I can help you in that process in any way, please call me at 530-2730, and I will make every attempt to help you choose correctly from our Program of Studies.

As always, our wishes are for continued success for all of our Greyhounds!

**Blake Fritz, Principal**

### **HIGH SCHOOL: 717-530-2730**

Principal: Blake Fritz ~ [Blake.fritz@ship.k12.pa.us](mailto:Blake.fritz@ship.k12.pa.us)

9th/ 10th Grade Assistant Principal: Bryan Watkins ~ [Bryan.watkins@ship.k12.pa.us](mailto:Bryan.watkins@ship.k12.pa.us)

11th/ 12th Grade Assistant Principal: Matthew Flohr ~ [Matthew.Flohr@ship.k12.pa.us](mailto:Matthew.Flohr@ship.k12.pa.us)

Counselors:

Erica M. Frontino (Last Names A to Ha) ~ [Erica.Frontino@ship.k12.pa.us](mailto:Erica.Frontino@ship.k12.pa.us)

David J. Lindenmuth (Last Names He to Mo) ~ [David.Lindenmuth@ship.k12.pa.us](mailto:David.Lindenmuth@ship.k12.pa.us)

Rachel Debias (Mu to Z) ~ [Rachel.Debias@ship.k12.pa.us](mailto:Rachel.Debias@ship.k12.pa.us)

## **SCHEDULING TIMELINE**

Helping students enroll in courses that align with their interests, strengths, and future academic or career goals is an ongoing process throughout the year.

In late January or early February, the Program of Studies is introduced and made available online. Teacher recommendations and sequencing are generated, if a student would like to take a class that was not recommended or does not meet the prerequisites, a course waiver form would need to be completed and signed by student and parent. Additionally, all student schedules will be created to eliminate study halls.

During February and March, School Counselors meet with students in both group settings and one-on-one planning sessions to review and discuss course selection for the upcoming school year. Students are highly encouraged to include their parents or guardians in these decisions.

After students submit their course choices, the process of adjusting the Master Schedule is complete by April to address the current demands of the school.

By May, the Master Schedule is completed. At this stage, making changes becomes more challenging due to the allocation of teachers, materials, classroom space, and class sizes based on the initial student requests.

Over the summer months, School Counselors and Administrators continue to finalize individual student schedules, taking into account specific academic needs such as dual enrollment, cooperative education programs, and IEP accommodations. Because of this, schedule changes are limited and only granted for legitimate academic reasons.

All requests to change schedules should be submitted before the start of the school year, and even then, changes are not guaranteed. Students and families are encouraged to make their selections thoughtfully. Please note a student must take 4 credits a year at Shippensburg Area Senior High School.

When school resumes in the fall, School Counselors again begin meeting with students—both in groups and individually—to explore and reassess their current academic interests and career goals.

## **EARLY GRADUATION REQUIREMENTS**

If a student completes all required coursework, projects, and other graduation requirements before their scheduled graduation year or semester, they may be allowed to graduate early, pending the Superintendent's recommendation and approval by the School Board.

Students who wish to graduate early from high school must put their request in writing to the high school principal. That written request must include the following:

1. Statement requesting to graduate early.
2. Reason(s) for requesting to graduate early, this would include an acceptance letter.
3. Signature & letter from a parent/guardian that shows support of the request.
4. Signature & letter from the student requesting to graduate early.
5. Indication of interest to participate in commencement ceremonies in June.

It should be noted that students who elect to graduate at the end of the first semester of their senior year may not participate in any school activities (i.e. clubs/athletics, prom, etc.) or musical program beyond that date.

Students may choose to graduate prior to the normal commencement date for their class at one (1) of the following times:

1. By the end of the second semester of the junior year.
2. At the conclusion of an approved summer course work following the junior year.
3. By the end of the first semester of the senior year.

## **GRADUATION CREDIT REQUIREMENTS**

Students are required to earn a specific amount of credits in order to graduate. All students will need 28 credits to graduate. All students begin to earn credits toward graduation beginning in ninth grade. In addition to the total amount of required credits, courses in the following subjects are required:

	<b>SASHS Full Time</b>	<b>FCCTC &amp; JROTC</b>
<b>ENGLISH</b>	4 credits ( <i>One per year</i> )	4 credits
<b>MATH</b>	4 credits **	3 - 4 credits **
<b>SOCIAL STUDIES</b>	3 credits	3
<b>SCIENCE</b>	3 credits	3
<b>HEALTH/ PHYSICAL EDUCATION</b>	2 credits	2 credits
<b>HUMANITIES</b>	1 credit	
<b>PRACTICAL ARTS</b>	1 credit	0.5 credit
<b>PERSONAL FINANCE</b>	0.5 credit	0.5 credit
<b>ECONOMICS</b>	0.5 credit	0.5 credit
<b>TECHNOLOGY EDUCATION</b>	0.5 credit	
<b>ELECTIVES</b>	8.5 credits	12.5 or 13.5 credits
<b>TOTAL</b>	28 credits	28 credits

PDE requires each 11<sup>th</sup> grader to complete eight (8) articles of career readiness preparation utilized by the SMART futures database.

\*\*Must complete Geometry

### **Required Courses**

<b>Humanities</b> <i>Select an elective from the art, music, or world languages course options.</i>	<b>Practical Arts</b> <i>Students must take a credit in either business, family consumer science, and/or Agriculture.</i>	<b>English</b> English 9 English 10 English 11 or AP Language & Comp English 12 or AP Literature & Comp	<b>Social Studies</b> Government World History US History
<b>Tech ED</b> <i>Select an elective from the technology education course options.</i>	<b>Math</b> Must complete Geometry	<b>Science</b> Environmental Science Biology	<b>Personal Finance &amp; Economics</b> <i>Students must take the 0.5 credit personal finance course &amp; must take the 0.5 credit economics course.</i>

## **STUDENT GRADING SYSTEM**

During the marking period, student academic progress will be communicated as an “earned percentage” accessed by password at the district website ([www.shipk12.org](http://www.shipk12.org)). At the end of each quarter, the student’s earned percentage in each course will be transferred to the student’s report card.

The student’s earned percentage at each marking period will be averaged to determine the final percentage for the course.

- Students earning a grade below 50 percent in any marking period will receive a 50% on their report card, except the final marking period.
- Final averaged percentage grades that have a decimal equaling .5 and greater will be rounded to the next highest percentage.

### **GRADING SCALE**

<u>Percentage Range</u>	<u>Letter Grade</u>	<u>Percentage Range</u>	<u>Letter Grade</u>
93-100	A	73-76	C
90-92	A-	70-72	C-
87-89	B+	67-69	D+
83-86	B	63-66	D
80-82	B-	60-62	D-
77-79	C+	59 & below	F

### **GRADE POINT AVERAGE**

For the purpose of computing grade point averages, the following quality point values will be applied to the earned percentage ranges at each marking period. Grade point average will be computed at each quarter and adjusted by the credit attempted (for the year) and the “weight” of the course.

<u>Percentage Range</u>	<u>Quality Point</u>	<u>Percentage Range</u>	<u>Quality Point</u>
93-100	4.00	73-76	2.00
90-92	3.70	70-72	1.67
87-89	3.33	67-69	1.33
83-86	3.00	63-66	1.00
80-82	2.67	60-62	.67
77-79	2.33	59 & below	0

## WEIGHTED GRADING

A system of weighted grading is used in the high school because class rank is an important part of college entrance requirements. This system rewards students for selecting and achieving in more courses that are difficult. Each course is converted by a factor of 1.15 for advanced placement courses and college courses (generally 200 level or above), and 1.10 for honor courses or college classes (generally mid 150 level courses). Therefore, an "A" would earn 4.6 quality points in the advanced placement or college course (level 200 or above), 4.4 quality points in an honor course or college course (level 150) and 4.0 quality points in a regular course each marking period. A complete list of weighted courses varies by university. Questions regarding weighting can be directed to the principal or dual enrollment coordinator. Similar distributions are calculated for the other letter grades. Class rank and cumulative grade point average will be recalculated each nine weeks.

## NATIONAL HONORS SOCIETY

The National Honor Society recognizes academic excellence, service to the school and community, leadership, and good character. The purpose of this organization is to promote excellence and to practice excellence in four specific areas as defined by the Constitution of the National Honor Society and the guidelines of the National Association of Secondary School Principals. These areas are academia, school and community service, leadership, and personal character. Membership into the NHS is acquired through the following process:

- a. All students who attain a 3.80 grade point average or higher at the end of the 10th grade or 11th grade school year shall be informed by a faculty council member or individual letter of their eligibility. This average remains fixed as a minimum level. The minimal GPA must be maintained. If a student receives an "F" for any marking period, that student will be put on NHS Probation.
- b. A faculty advisory committee will review and evaluate each student's application based on scholarship, leadership, character, and service.
- c. Leadership criteria include consideration of offices a student has held in school and community organizations and verifiable leadership outside of elected positions in varying activities.

## SHIPPENSBURG VIRTUAL GREYHOUND ACADEMY

Our district is utilizing CAOLA to offer online courses. This initiative will enable us to offer courses that we might not otherwise be able to offer. We will be offering Advanced Placement, Non-Standard World Languages, and other courses that will use state-of-the-art technology and online learning methods for our students.

Here is a link to the Virtual Greyhound Academy Handbook -

<https://content.myconnectsuite.com/api/documents/fe99fe06efce4cea95c8d5f8f28abdb7>

## ACT 158 PENNSYLVANIA GRADUATION PATHWAYS

**Overview:** Students have the opportunity to follow one of five different pathways to meet graduation requirements set forth by the state of Pennsylvania. The five options are outlined below.

### Keystone Proficiency Pathway

A student scores proficient or advanced on each Keystone Exam – Algebra 1, Biology, and Literature (1500 or above)

### Keystone Composite Score Pathway

Earning a composite score of 4452 on the Algebra 1, Literature, and biology Keystone Exams.  
(While achieving at least a proficient score on at least of the three exams and no less than a basic score on the remaining two)

Keystone Exam	Below Basic	Basic	Proficient	Advanced
Algebra	1200-1438	1439-1499	1500-1545	1546-1800
Biology	1200-1459	1460-1499	1500-1548	1549-1800
Literature	1200-1443	1444-1499	1500-1583	1584-1800

**Note:** Under Act 55 of 2022, a student may also graduate via this pathway if they:

- Earned a non-numeric Proficient in a Keystone Exam pursuant to Act 136 of 2020;
- Successfully completed locally established, grade-based requirements for academic content associated with each Keystone Exam in which the student does not have a numeric or non-numeric score of Proficient/ Advanced; and
- Achieved a Keystone Composite score of 2939 or greater for two of the three Keystone Exams (calculated using the highest numerical scores attained by the student, neither of which may be Below Basic and at least one of which must be Proficient or better).

### Alternative Assessment Pathway

1. Successful completion of grade-based requirements for academic content associated with non-proficient Keystone, AND
2. One of the following:
  - a. AP (3) or IB (4) Exam related to non-proficient Keystone
  - b. SAT (1010), PSAT (970), ACT (21), ASVAB (31)
  - c. Gold Level on ACT WorkKeys Assessment
  - d. Successful completion of a pre-apprenticeship program (registered with PA Apprenticeship and Training Council)
  - e. Acceptance into four-year accredited non-profit institution and ability to enroll in college-level work
  - f. Successful completion of a concurrent enrollment course in an academic content area associated with each Keystone Exam in which the student did not achieve at least proficiency.



## Evidence - Based Pathway

1. Successful completion of grade-based requirements for academic content associated with non-proficient Keystone, AND
2. Three pieces of evidence related to students' goals and career plans following tier specifications below:
  - a. Tier One (at least one)
    - i. ACT WorkKeys Assessment (Silver), SAT (630), AP Exam (3), IB Exam (3)
    - ii. Acceptance to an accredited non-profit institution of high education other than a four-year institution and evidence of the ability to enroll in college-level coursework
    - iii. Attainment of industry-recognized credential
    - iv. Complete with a passing grade a Dual-Enrollment course or post-secondary course
  - b. Tier Two (two from this list or more from above)
    - i. Completion of a Service Learning Project
    - ii. Proficiency on a Keystone Exam (1500)
    - iii. Letter guaranteeing full-time employment
    - iv. Certificate of completion of internship or Co-Op Program
    - v. Compliance with NCAA core courses for college student-athletes with a minimum 2.0 GPA

## Career Technology Education (CTE) Pathway

- For Career and Technical Education (CTE) Concentrators, successful completion of locally established grade-based requirements for academic content areas associated with each Keystone Exam on which the student did not receive proficiency and attainment of an industry-based competency certification related to the CTE Concentrator's program of study or demonstration of a high likelihood of success on an approved industry-based competency assessment or readiness for continued meaningful engagement in the DTC Concentrator's program of study.
- See Act 6 of 2017 for more information.

## COURSE LEVELS

Modified Courses	Courses	Academic Courses	Honors Courses
These courses are offered to students with documented educational needs.	These courses are for students that are reaching for proficiency.	These courses are for students that have demonstrated proficiency in the subject area.	These courses are for students that have demonstrated advanced or above grade level work.

## AGRICULTURE ~

### AG100 Agriculture Science (0.50 credit)

This course, designed primarily for ninth and tenth grade students, will provide basic knowledge and skills in FFA leadership, defining agriculture, safety in agriculture, animal science, plant science, technologies in agriculture, and careers in agriculture. Students are encouraged to develop a hands-on approach to agricultural technology through experimentation and critical thinking.

### AG101 Agricultural Mechanics (0.50 credit)

This course will involve the laboratory application of Agriculture Mechanics, including the use of all power tools used within an agriculture shop. At the end of the marking period, the students will show their proficiency within the shop setting by completing a shop project. All students will incur personal expenses for this project.

### AG110 Introduction to Horticulture (0.50 credit)

This course develops all aspects of the horticulture industry. Students will learn about soil science, plant propagation, greenhouse production, and landscape management. Students will produce a crop through their work in the greenhouse.

### AG120 Companion Animal Science I (0.50 credit)

This course is designed for those students wishing an in-depth study of the companion animal field. Students will identify companion animal characteristics, nutrition, reproduction, housing and equipment, and proper handling techniques. Units that will be covered in this introductory course include introduction to companion animal care, safety with animals, animal rights and welfare, canines, felines, rattus and mus. This course will include a required dissection.

### AG121 Companion Animal Science II (0.50 credit)

This course is designed for those students wishing to continue their knowledge from Companion Animal Science I. Students will identify companion animal characteristics, nutrition, reproduction, housing and equipment, and proper handling techniques. Units that will be covered in this secondary course include careers in the field of companion animal care, lagomorphs, small Mammalia, reptilian, avian and aquatics.

### AG125 Production Animal Science (0.50 credit)

This course is designed for those students wishing an in-depth study of animal science biology, practical application of science, evaluation of animals, quality milk production, nutrition management and alternative agriculture. Species covered in this course include dairy and beef cattle, sheep, swine, goats, and poultry.

### AG130 Equine Studies (0.50 credit)

This course is an intensive study of the principles and practices dealing with the Equine species. This class will include an introduction to equine management, history of the horse, breeds, colors and markings, anatomy, reproduction, digestion and nutrition of horses, as well as the proper care and handling techniques.

### AG135 Wildlife Management (0.50 credit)

This course will investigate species of Pennsylvania and the United States, such as common mammals, songbirds, and fish. We will also look at the habitats that the different species live in, and how to maintain or improve their habitats. This course will also investigate wildlife management techniques, such as counting populations, over harvesting, and carrying capacities. Lastly, the course will look at the effect that invasive species have on our environment.

### AG200 Veterinary Science and Technology (0.50 credit)

*Prerequisite: AG120 - Companion Animal Care or AG230 - Production Animal Science*

The course will introduce the students to the equipment, practices and procedures encountered in a post-high school vet tech program and career. Animal welfare issues will be addressed along with the proper care and 15 handling of small and large animals.

#### AG210 Agricultural Leadership Development (1 credit)

This course is open to all sophomore, junior and senior students and is required for FFA Chapter Officers and highly recommended for Committee Chairpersons. Using the FFA as a course model, the students will develop their leadership skills through public speaking and parliamentary procedure activities. Other areas of focus in the course will include group dynamics and team building, problem solving and decision-making, and goal setting and planning for success. All class members are required to deliver both a persuasive and an instructional speech in class, prepare a resume or college application, and demonstrate proficiency in parliamentary law.

#### AG240 Small Gas Engines (0.5 credit)

This course involves technical training, instruction, and hands-on shop work covering the application of small gasoline engines to agricultural power systems. Students are expected to overhaul or repair a small gasoline engine as part of the shop work.

#### AG500 Supervised Agricultural Experience (1 credit)

##### *Independent Study*

Students will maintain an out of school supervised career development project for this course. The students must be enrolled in at least one in school agriculture class to enroll in the SAE program. The agricultural instructor will supervise the project and the class grade will be assigned by grading of the students' project records and teacher visitation to the project site. Students must take this course and maintain FFA membership if they wish to exhibit a project in FFA competition. The intent of this course is for students to expand upon their knowledge and experience by being responsible for this practical program.

#### AG300 Agribusiness Management (0.5 credit)

This course includes a comparison of agriculture and agribusiness, agribusiness types, organizations, planning and operation, agribusiness inputs and outputs, and sales and marketing. There is also an examination of agribusiness involved with post-production processing of agricultural products

#### AG### Welding I (0.5 credit)

This course expands skills learned in Agriculture Mechanics and gives students hands-on practice. Welding I reintroduces you to the basics of welding and shop safety. You will learn how to safely use welding tools and equipment while practicing three major welding processes: SMAW (stick), MIG, and TIG. You'll also learn how to measure, cut, and prepare metal for simple projects. This course follows AFNR standards and helps you build the foundational skills needed for Welding 2.

## **ART -**

#### ART100 Design (0.5 credit)

Design is a foundation course recommended for anyone with an interest in art. Students will develop their understanding of visual communication through study of the elements and Principles of Design in a variety of activities including printmaking, computer graphic design, and three-dimensional design.

#### ART110 Drawing (0.5 credit)

Drawing is a foundation course recommended for all students interested in art. Students will investigate a variety of drawing techniques and materials using both observation and imagination. Art production in combination with the studies of elements and Principles of Design, art history and aesthetics will broaden a sense of context.

#### ART120 Media Arts (0.5 credit)

Media Arts addresses the changing nature of art in the 21st Century. This class provides opportunities for visual problem solving combining digital media and traditional artistic tools. In this student-driven course, artists will design, propose, execute, and assess their own digitally based art projects.

### ART200 Painting I (0.5 credit)

*Prerequisite: Drawing*

Students are introduced to painting media including watercolor and acrylic. Skills from basic drawing are used to improve observational skills to create landscape, portraiture and still life compositions. Students learn about brush stroke, color mixing and the differences between painting media. The historical and cultural aspects of painting are also explored

### ART210 Advanced Design (0.5 credit)

*Prerequisite: Design*

Advanced Design builds upon the concepts from Design, providing opportunities for more sophisticated creative problem solving in printmaking, digital graphic design (including an introduction to Adobe Photoshop), and 3-D design.

### ART222 Photography Basics (0.5 credit) PILOT

*Prerequisite: Drawing or Media Arts*

Photography Basics introduces the art and craft of photography, blending technical skills with creative expression. Students will learn to use both standard cameras and smart device cameras effectively, compose strong images, work with light, and explore major themes in photographic art. They also gain experience in digital editing with Adobe Photoshop, printing, and preparing work for display. The course concludes with preparation of a student portfolio and a small photo exhibit.

### ART215 3-Dimensional Design (0.50 credit)

*Prerequisite: Drawing or Design*

3-D Design students investigate both the expressive and the logistical concerns of the sculptor through the creation of 3-D artwork. Developing an understanding of the relationship between space and form, student artists will create work in a variety of traditional and re-purposed materials.

### ART221 Media Arts II (0.5 credit)

*Prerequisite: Media Arts*

Media Arts II is for students with prior experience who are ready to develop their skills and creativity at an advanced level. The course explores a range of digital art-making tools and techniques through self-selected, self-directed projects such as short films, digital animation, multimedia installations, or longer-form digital works. Students research, propose, and create artworks that emphasize technical mastery and artistic sophistication while developing their own creative voice in the digital arts.

### ART225 Ceramics I (0.5 credit)

*Prerequisite: Drawing or Design*

Ceramics deals with the properties of clay as an artistic medium. Students explore the design and creation of functional and non-functional objects using hand building and wheel throwing techniques. The firing process, finishing techniques and historical and cultural aspects of ceramics are covered.

### ART230 Ceramics II (0.5 credit)

*Prerequisite: Ceramics I*

Ceramics II provides students with the opportunity to refine methods of clay construction, building on their experience from Ceramics I while developing a personal style and focus. The course will further explore glazing and firing techniques and students will apply research into specific ceramics traditions as they develop their skills.

### ART310 Advanced Drawing and Painting (0.5 credit)

*Prerequisite: Painting I*

Advanced Drawing and Painting is appropriate for students who have successfully completed both the Drawing and Painting courses. It is an enhanced course that expands upon the foundational knowledge and skills learned in the prerequisites as well as combining both drawing and painting media. Artists are expected to demonstrate artistic thinking and habits as they investigate mark-making, color, composition, and more.

#### ART320 Portfolio (0.5 credit)

*Instructor Approval Required.*

Portfolio allows students who are interested in pursuing a career in the visual arts or related fields to develop a portfolio of artwork that represents their knowledge and understanding of visual art. Work from previous art classes as well as new work created in the class is inventoried and photographed for a digital portfolio that can be used for application to art schools and colleges.

#### ART900 Advanced Placement Art and Design Studio Art (1 credit)

*Recommended: Passing a Studio Art Class*

The AP Studio Art course is for students that are interested in a rigorous and focused study in art. Students can choose between AP 2-D Art and Design, AP 3-D Art and Design, or AP Drawing to develop a quality portfolio that demonstrates a mastery of concept and execution. Students will work towards creating a body of work that demonstrates a sustained investigation, as well as selected works. Upon completing the course, students may choose to submit their completed AP Portfolio to the College Board for credit consideration. This step is optional and subject to a fee payable to the College Board.

#### ART900 Advanced Placement Art History (1 credit)

AP Art History is a college-level study of global art from prehistory to the present, focusing on how art is made, how it reflects cultural context, and how people respond to it. Students develop understanding through investigation and analysis of primary and secondary sources. This course requires strong interest in visual arts and their cultural and historical impact. Expectations include summer work, extensive reading and writing, informed discussion, and a midterm and final exam. Students may choose to take the AP Art History Exam in the spring, though it is not required.

#### ENG 511 Horror in Literature and Film (1 credit)

*Recommended: Successful completion of Academic or Honors English 9.*

In this cross-curricular semester-long course, students study horror through literature and film, tracing its development from folktales and the 18th-century Gothic novel to contemporary Horror. Students read, watch, analyze, and discuss a wide range of horror works including films, short stories, poems, and novels. Strong academic literacy and a willingness to work in groups are essential. The course concludes with a student-written and student-produced short horror film. Successful completion earns .5 English elective and .5 Art elective credits.

### **BUSINESS**

#### BUS100 Career Exploration (0.5 credit)

This course will concentrate on exploring future options such as: college, military, and the workforce. Post secondary education options including scholarships and financial aid will be discussed. Students will complete job search including writing a cover letter, resume, and interviewing. The 16 career clusters will also be explored.

#### BUS110 Computer Applications I (0.5 credit)

This introductory course will expose students to the basic features and functions of Microsoft Word, PowerPoint, and Excel.

#### BUS231 Computer Applications II (0.5 credit)

*Prerequisite: Computer Applications*

This course focuses on using advanced features of Microsoft Word, Excel, PowerPoint, and Publisher. Students will be taught additional web 2.0 and Google productivity tools.

**BUS200 Personal Finance** (0.5 credit)

*This course is taken in their 11th grade year.*

This course is designed to give students competence in areas of personal finance. Topics covered include the following: bank accounts, gross and net pay, taxes, purchasing insurance, buying a car, establishing and maintaining good credit, buying a house, and savings and investments.

**BUS210 Accounting 1** (0.5 credit)

This course is for any student interested in learning the basics of accounting for a service business owned by one person. Any student who plans on taking business after high school in a post-secondary institution should take this course to prepare them for the future.

**BUS310 Accounting II** (0.5 credit)

*Prerequisite: Accounting I*

This course is a continuation of Accounting 1 and is for the student who wants to expand their Accounting knowledge to include partnerships. Students will learn the accounting cycle for a partnership business that sells merchandise. Recommended for students who excelled in Accounting 1 and/or plan on studying business in a postsecondary setting.

**BUS311 Accounting III** (0.5 credit)

*Prerequisite: Accounting I & II*

The third Accounting course for any student who excelled in Accounting 1 and Accounting 2. This 9 week course will cover the concepts of accounting for a corporation. It will also consist of multiple large accounting projects.

**BUS220 I, BUS320 II Scroll Yearbook Production** (1 credit)

*Prerequisite: Successful completion of English 9 & Completes the Application Process*

This course is designed to construct, edit, sell and distribute the school yearbook. Students are responsible for developing a theme, designing layouts, writing copy, selecting photographs, and preparing pages using the latest publication technology.

**BUS240 Entrepreneurship** (0.5 credit)

This course will identify unique characteristics of an entrepreneur and evaluate the degree to which one possesses those characteristics. Students will study the fundamentals of a comprehensive business plan and create a business plan for a future business they would like to own.

**BUS283 Sports and Entertainment Management** (0.5 credit)

This is an introductory course designed to incorporate business and marketing principles and procedures into the sports and entertainment industries. Students will learn and integrate the concepts of marketing, the marketing matrix, public relations, career choices, profit, basic economics, staffing, and using technology to effectively run and operate marketing functions in the sports and entertainment industries. Students will work individually and 21 cooperatively to complete assignments and projects using the internet and various technologies. Students will also help to promote and develop school spirit within the Shippensburg Area School District.

**DRIVERS EDUCATION -**

**DRI200 Drivers Education** (0.5 credit)

Classroom driver's education is designed to provide an understanding of passenger vehicles. Topics include maintenance, basic driving maneuvers, the hazards of driving under the influence, procedures to acquire your driver's permit and various aspects of traffic awareness. Course work will include research on cars by

consumer reports and buyer's guides.

Note: Behind the Wheel training is optional after the student reaches 16 years of age and has obtained a learner's permit. There is a fee required for behind the wheel instruction. The students must contact the driver's education instructor for this training.

## ENGLISH -

### ENG604 English 9 - Modified (1 credit)

*This course is only offered to eligible students.*

Mastering Lit LS -9 is a study of language, literature, composition, and communication, focusing on literature and nonfiction within an appropriate level of complexity for each individual student and working on IEP goals of reading comprehension and fluency.

### ENG120 English 9 (1 credit) - NCAA Approved

English 9 is a multi-genre survey course with a concentration on composition skills. Throughout the course, several major works will be studied, but not limited to; plays, novels, short stories, and poetry selections. Because this course is a prerequisite for all required courses that follow, the selected works will reflect the concentrations of those courses.

### ENG130 Academic English 9 (1 credit) - NCAA Approved

The instructional rigor of this course is designed to prepare students for English 10. English 9 is a multi-genre survey course with a concentration on composition skills. Throughout the course, several major works will be studied, including but not limited to: plays, novels, short stories, and poetry selections. Because this course is a prerequisite for all required literature courses that follow, the selected works will reflect the concentrations of those courses (i.e., World, American, British/European, and Contemporary Literature). The composition elements of the course will include formal and informal writing for the purpose of exposition, persuasion, and narration, with an emphasis on style, tone, focus, organization, and grammatical conventions.

### ENG140 Honors English 9 (1 credit) - NCAA Approved

The instructional rigor of this course is designed to prepare students for Honors English 10. Honors English 9 is a multi-genre survey course with a concentration on composition skills. Throughout the course, several major works will be studied, including but not limited to: plays, novels, short stories, and poetry selections. Because this course is a prerequisite for all required literature courses that follow, the selected works will reflect the concentrations of those courses (i.e., World, American, British/European, and Contemporary Literature). The composition elements of the course will include formal and informal writing for the purpose of exposition, persuasion, and narration, with an emphasis on style, tone, focus, organization, and grammatical conventions.

### ENG630 English 10 - Modified (1 credit)

*This course is only offered to eligible students.*

Mastering Lit LS -10 explores various fictional and informational media, working and developing reading and writing abilities, and engaging in meaningful discussions. We will also be preparing for the Literature Keystones Exam!

### ENG220 English 10 (1 credit) - NCAA Approved

The instructional rigor of this course is designed to prepare students for English 11. English 10 is a multi-genre survey course with a concentration on literary analysis that is designed to prepare students for the Keystone Literature Exam. Throughout the course, several major works will be studied, including but not limited to literary nonfiction, plays, novels, short stories, and poetry selections. This course is a prerequisite to all required literature courses that follow. Writing pieces, presentations, and creative projects make up assessments. A research paper focusing on research, organizational, and writing skills is included.

ENG230 Academic English 10 (1 credit) - NCAA Approved

The instructional rigor of this course is designed to prepare students for Academic English 11. Academic English 10 is a multi-genre survey course with a concentration on literary analysis that is designed to prepare students for the Keystone Literature Exam. Throughout the course, several major works will be studied, including but not limited to literary nonfiction, plays, novels, short stories, and poetry selections. This course is a prerequisite for all required literature courses that follow. Writing pieces, presentations, and creative projects make up assessments. A research paper focusing on research, organizational, and writing skills is included.

ENG240 Honors English 10 (1 credit) - NCAA Approved

The instructional rigor of this course is designed to prepare students for the Keystone Literature Exam and Honors English 11. Mastering Literature 10 is a multi-genre survey course with a concentration on literary analysis. Throughout the course, several major works will be studied, including but not limited to literary nonfiction, plays, novels, short stories, poetry selections. This course is a prerequisite for all required literature courses that follow. Writing pieces, presentations, and creative projects make up assessments. A research paper focusing on research, organizational, and writing skills is included.

ENG641 English 11 - Modified (1 credit)

*This course is only offered to eligible students.*

In this class, students will practice writing and understanding different kinds of informative, narrative, and persuasive writing. Students will learn how to organize their ideas, use strong details, and write for a clear purpose and audience. Students are also responsible for writing a Junior Research Paper, where students will choose a topic, find reliable information, and write a well-organized paper using what they have learned. By the end of the course, students will be more confident writers and better prepared for future English classes.

ENG320 English 11 (1 credit) - NCAA Approved

English 11 is focused around American Literature and Composition which is designed to assist students in the development of critical language skills. Students will enhance their reading, writing, speaking, and listening skills by interactively analyzing fictional and nonfictional selections spanning the American experience. Students will examine the social, cultural, and political influences on a variety of literary selections to include, but not be limited to, essays (narrative, expository, and argumentative), short stories, novels, poems, and plays, thus gaining an understanding of and appreciation for the unique elements of American Literature. In addition to their critical analysis of literary selections, students will take part in a research portfolio that analyzes a literary era that has been studied throughout the course.

ENG330 Academic English 11 (1 credit) - NCAA Approved

Honors English 11 is focused around American Literature and Composition which is designed to assist students in the development of critical language skills. Students will enhance their reading, writing, speaking, and listening skills by interactively analyzing fictional and nonfictional selections spanning the American experience. Students will examine the social, cultural, and political influences on a variety of literary selections to include, but not be limited to, essays (narrative, expository, and argumentative), short stories, novels, poems, and plays, thus gaining an understanding of and appreciation for the unique elements of American Literature. In addition to their critical analysis of literary selections, students will take part in a research portfolio that analyzes a literary era that has been studied throughout the course.

ENG900 Advanced Placement Language and Composition (1 credit) - NCAA Approved

*Recommended: Received a grade of a B or higher in ENG240*

Advanced Placement Language and Composition offers a challenging college level class for highly capable high school students with a strong interest in reading and writing, with an emphasis on rhetorical analysis. College credits will be based on the AP test score and the cooperating institution. The course analyzes written, spoken, and visual rhetoric, with a correspondingly intensive writing curriculum that requires students to utilize the rhetorical devices and techniques discovered during their exploration of literary nonfiction. Students must complete an intensive summer assignment that is necessary for the academic rigor that will begin on the first day of class. Summer assignments must be completed on the specified dates



or the student will be placed in an academic English class

ENG650 English 12 - Modified (1 credit)

*This course is only offered to eligible students.*

The Contemporary Literature LS course will explore themes in both classic and contemporary literature. Students will be exposed to various elements as expressed through literature, various media, the arts, and local resources. Reading, writing, speaking, and listening skills will be emphasized throughout the course through a variety of assignments and activities. Also, preparation for the job force and life skills are developed and discussed too.

ENG400 English 12 (1 credit) - NCAA Approved

Students in English 12 will experience a course based on cultural and British literature. Cultural Literature is a rigorous culturally- enriched course in the language arts curriculum. Polishing good speaking skills through four required speeches on major artists, composers, philosophers and the social principles of religion is a major outcome of the course. One of the highlights of the course is a one day field trip to the cultural centers in Washington, D.C. Students will be expected to complete journals and cultural papers. The course also provides a survey of British literature and significant writers from the fall of the Roman Empire to the twenty-first century. It will include reading and responding to poetry, drama, essays, journals, short stories, and novels. This class may include a properly documented independent research project, formal speeches, compositions, and literature-based writing projects.

ENG410 Academic English 12 (1 credit) - NCAA Approved

Students in English 12 will experience a course based on cultural and British literature. Cultural Literature is a rigorous culturally- enriched course in the language arts curriculum. Polishing good speaking skills through four required speeches on major artists, composers, philosophers and the social principles of religion is a major outcome of the course. One of the highlights of the course is a one day field trip to the cultural centers in Washington, D.C. Students will be expected to complete journals and cultural papers. The course also provides a survey of British literature and significant writers from the fall of the Roman Empire to the twenty-first century. It will include reading and responding to poetry, drama, essays, journals, short stories, and novels. This class may include a properly documented independent research project, formal speeches, compositions, and literature-based writing projects.

ENG901 Advanced Placement English Literature & Composition (1 credit) - NCAA Approved

*Recommended: An "A" average in AP Language and Composition*

Advanced Placement English is a college-level course designed to prepare students for the AP test in English Literature and Composition. College credits will be based on the AP test score and the cooperating institution. The course involves intensive reading, writing, and critical analysis of literary works. Included in the course are units on the novel, poetry, short story, and drama followed by a chronological approach to English Literature. Students should be highly motivated and prepared to participate in class.

ENG600 & ENG601 ILS English I & II (2 credits)

*These courses are only offered to eligible students.*

This intensive reading support class is designed to provide focused, personalized instruction for students needing extra assistance to develop foundational reading skills. Through targeted strategies, multisensory activities, and individualized interventions, students will build essential decoding, comprehension, fluency, and vocabulary skills. The course aims to boost confidence and foster a love for reading, helping learners to meet grade-level expectations and succeed across all academic areas. Regular progress monitoring ensures instruction is tailored to each student's unique needs.

ENG690 Life Skills English

*This course is offered to eligible students.*

The purpose of this course is to focus on functional forms of reading and writing. The curriculum is based on the student's individual needs agreed to by the IEP team.

## ENGLISH ELECTIVES -

### ENG405 Contemporary Literature (12) .50 credit

Students who select the Contemporary Literature course will explore universal themes in contemporary literature. Students will be exposed to various cultural elements as expressed through literature, various media, the arts, and local resources. Reading, writing, speaking and listening skills will be emphasized throughout the course through a variety of assignments and activities.

### ENG513 Psychological Thriller/Crime Stories Elective (0.5 credit) - NCAA Approved

In this elective, students will be reading both fiction and nonfiction examples of Psychological Thriller stories and Crime selections. Chosen texts will allow students to examine the field of forensic science and how it is used to solve cases as well as to develop interesting plots. Students in this course should possess Academic level literacy skills since coursework will include in-depth analysis of both classic and contemporary texts. A permission slip is required to remain in the course.

### ENG500 Myths and Folktales (0.5 credit) - NCAA Approved

Students will read myths, legends, folktales, and fairy tales from around the world. The course will explore the common threads found in world myth and folklore, as well as the influences of those myths and folktales on modern culture. Students will write an original folktale.

### ENG501 Children's Literature (0.5 credit) - NCAA Approved

Students will consider the effect of children's literature on societal norms and values. Students will read and analyze various forms of children's literature. Selections will include picture books, both classic and contemporary children's novels, poetry and fairy tales. Students will write and illustrate an original children's book to be read to a child in an elementary school.

### ENG505 Dystopian Literature (0.5 credit) - NCAA Approved

In this thought-provoking literature course, students will explore the chilling visions of the future imagined by three of the 20th century's most influential dystopian writers: George Orwell's *1984*, Aldous Huxley's *Brave New World*, and Ray Bradbury's *Fahrenheit 451*. Through close reading, analytical discussion, and critical writing, students will examine how these novels depict societies shaped by totalitarian regimes, technological control, censorship, and the suppression of individuality.

### ENG507 Creative Writing (0.5 credit) - NCAA Approved

This course aims to teach students the necessary skills to write creatively across multiple genres. In this intensive writing course, students will receive various writing prompts that they will respond to and discuss with others in the class. Differing writing genres such as fictional short stories, graphic novels, and poetry will be explored. Readings across genres will be assigned and discussed for literary creativity in class based on student needs and interests.

### ENG508 Drama (0.5 credit)

Students will learn dramatic terminology of various types (Shakespearean, Greek, modern), stage terminology and acting skills. Students will read dramas of various types (multicultural, feminist, etc.). One paper and live performance required.

### ENG509 World War II Literature (0.5 credit) - NCAA Approved

Students will study a variety of literary nonfiction and fiction that are directly related to the events leading up to and continuing through the World War II period. A study of the complex historic, social, and cultural conditions surrounding the various theaters of war will provide the historical background necessary to understand the works of historical fiction and literary nonfiction that will be the focus of this curriculum. This historical study will involve student-conducted research, supplementary reading materials,

documentaries, and World War II genre movies.

#### ENG504 Journalism I (1 credit)

*Recommended: Two English teacher recommendations and an "A" or "B" in most recent English course*

The students in Journalism I are responsible for the publication of the SASHS newspaper, The Maroon and Grey Today. Students will get experience in brainstorming newsworthy story ideas, creating headlines, researching information and sources, interviewing subjects, editing and creating a final layout. Legal and ethical topics in Journalism are also taught. This is an excellent background course for students interested in pursuing Journalism as a college major or possibly a career. Experience with Canva is helpful, but not required. Students in this course will also write, report, and film the SASHS school news YouTube channel (Channel 74 news) twice a week.

#### ENG 511 Horror in Literature and Film (1 credit) – NCAA Approved

*Recommended: Successful completion of Academic or Honors English 9.*

In this cross-curricular course, students will study horror through literature and film, examining its development from folktale to a recognized genre. Students will study scriptwriting and filmmaking basics, including film production through several hands-on collaborative film projects. Students will also study short stories, poems, and novels within the Horror genre beginning with the development of the 18th Century Pre-Romantic Era Gothic novel to today's modern contemporary Horror. Students in this course should be adept in Academic level literacy skills as well as have a sincere willingness to work in many performance tasks with others. As a culminating project, students will work collaboratively to create a student-scripted, student-produced short horror film. Students who successfully complete this semester-long course will receive .5 English elective and .5 Art elective credits.

### **FAMILY CONSUMER SCIENCE –**

#### FCS100 Family Consumer Science (0.5 credit)

An overview of FCS.. Three areas of Family and Consumer Science are discussed. Students learn about managing their personal finances, strengthening the American family including child development as well as Nutrition and Safe and Sanitary food preparations.

#### FCS210 Nutrition and Foods I (0.5 credit)

*Prerequisite: Family Consumer Science*

This course will cover basic nutrition information such as the Dietary Guidelines, reading and interpreting nutrition labels, the six nutrients and dietary guidelines, energy balance and weight management. Students will also demonstrate culinary skills such as kitchen safety, sanitation, and different methods of food preparation. This course will emphasize healthy eating habits and will provide students with knowledge to help them make healthier choices both in and away from home.

#### FCS230 Child Development I (0.5 credit)

*Prerequisite: Family Consumer Science*

Students study child development from pregnancy to preschool. Topics include the healthy development of the child throughout pregnancy, infancy and preschool years. Nutrition for children, guidance techniques and Developmentally Appropriate Practices are also discussed. Students will then plan, teach and run a nursery school program. They will develop a working knowledge of the development and care of children.

#### FCS232 Child Development II (0.5 credit)

*Recommended: a "B" or higher grade in Child Development I*

Students will further investigate child development focusing on enhancing and understanding of Developmentally Appropriate Practices and how they can be applied to preschool teaching for young children. During this course, the students will be responsible for planning and teaching a nursery school day then reflecting on their teaching techniques and suggesting improvements.

#### FCS310 Nutrition and Foods II (0.5 credit)

#### *Recommended Nutrition and Foods I with an A or B*

This course will expand on the topics covered in Nutrition and Foods I. Along with more advanced food preparation, this course will offer a more in depth look at vitamins and minerals, and introduce new topics. Culinary skills will be expanded with an emphasis on creativity through activities such as cake decorating and full meal preparation.

#### FCS200 Adult Roles & Responsibilities (0.5 credit)

In this course, students will explore the complexities and responsibilities associated with being an adult. Topics of study include developing and maintaining a professional wardrobe, personal finances, communicating effectively using interpersonal skills and building healthy relationships including responsible parenting skills.

### **HEALTH & PHYSICAL EDUCATION -**

#### HPE100 Health and Physical Education 9 (0.5 credit)

This required coeducational course for all grade 9 students includes fitness activities and health-related topics for teenagers. The fitness portion will include a variety of individual, dual (partner), team, and health-related fitness and lifelong activities.

#### HPE200 Health and Physical Education 10 (0.5 credit)

This required coeducational course for all grade 10 students includes fitness activities and health-related topics for teenagers. The fitness portion will include a variety of individual, dual (partner), team, and health related fitness and lifelong activities.

#### HPE300 Health and Physical Education 11 (0.5 credit)

This is a required coeducational course for all 11th grade students. The health portion of the course will focus on personal wellbeing, nutrition, human sexuality, substance abuse. The P.E. portion of the class provides students with instruction and participation in individual, dual and lifelong activities.

#### HPE400 Health and Physical Education 12 (0.5 credit)

This coeducational course for 12th grade. Students will evaluate, analyze, and examine current health issues relating to fitness components, CPR/First Aid/AED, Mental and Emotional health, drugs, alcohol and vape use, and Domestic Violence information. Students will engage in fitness activities that include a variety of individual, dual (partner), team building, rhythmic, aquatic, adventure, team sports, and health related lifelong activities.

#### WF504 Sports and Health Issues (0.5 credit)

*Prerequisite: Health and Physical Education 9*

This is a project-based course in which students examine and discuss topics and trends in health and sports. In addition, a key component of the course involves working alongside the students with Special Needs to design inclusive physical activities that promote engagement and wellbeing.

#### WF510 Creative Movements (0.5 credit)

*Prerequisite: Health and Physical Education 9*

Students will be completing Zumba, Square Dance, Line Dance, CrossFit, Yoga, Mixed Martial Arts and Safety classes. Students will be following along with the instructor to complete tasks, completing personal exercise workout plans for CrossFitness and Interval/Speed/Agility Training plans, and creating their own dance routines. Different outside community instructors will be visiting to help lead yoga classes and mixed martial arts.

WF514 Lifetime Sports (0.5 credit)

*Prerequisite: Health and Physical Education 9*

Students will participate and teach various activities, including tennis, badminton, softball, frisbee games, basketball shooting games, pickleball, golf, table tennis, bowling, backyard games, running/walking, swimming, and yoga. This course is focused on individual and dual activities that promote lifelong fitness, recreation, and well-being. Students will be required to learn, teach, and play a variety of lifetime sports.

WF513 Water Safety & Sports (0.5 credit)

*Prerequisite: Health and Physical Education 9 & passing our mandatory swimming performance exam*

Students will be completing advanced swim strokes, water polo, kayaking, paddle boarding, Synchronized swimming, Basic Water safety components, Lifeguard basic saving techniques. The goal is to have students who love aquatics get physical activity through different pool sports and gain information or certifications in aquatics.

WF511 Team Sports I (0.5 credit)

*Prerequisite: Health and Physical Education 9*

Students will get to play some of their favorite team sports like Floorball, Basketball, Frisbee. Students will learn how to play the games by the rules and learn strategies to help their team win. Students will get opportunities to coach their peers in each sport and be a referee for the games in the class.

WF512 Team Sports II (0.5 credit)

*Prerequisite: Team Sports I*

Students will build on what they have learned in Team Sport 1 to more advanced coaching and team strategies. The main sports in this class are Volleyball, Flag Football, Tchoukball. Students will coach and referee all games in this class.

**JROTC -**

JROTC LEADERSHIP I (1 credit)

JROTC I is for students in their first year of the JROTC Program. Enrollment is open to students in grades 9-12 who desire to build a foundation of leadership, character and organizational skills. Curriculum includes an introduction to JROTC, basic military courtesies and customs, wear and care of the JROTC uniform, personal hygiene, military rank and insignia. Maximum JROTC I Enrollment is 100 students.

JROTC II/III (1 credit)

JROTC II/III is for students in their second and third years of the NJROTC Program. Enrollment is open to students in grades 10-12 who have previously completed JROTC I. JROTC II/III is an 8 marking period program that is taught on a two-year schedule. JROTC II/III may be taken for one or both years. The JROTC II/III curriculum will further develop the traits of citizenship and leadership while introducing Cadets to the technical areas of naval science and the role of the U. S. Navy in maritime history.

JROTC IV ADVANCED LEADERSHIP STUDIES 1 (1 credit)

JROTC IV Advanced Leadership Studies is for selected students in their 4th year of enrollment. Enrollment in JROTC IV is restricted to seniors who have completed JROTC I and both years of JROTC II/III AND are specifically recommended by the Senior Naval Science Instructor. Recommendation will be based on a cumulative assessment of the Cadet's progress and performance in JROTC over the preceding 3 years. Selection criteria will include overall academic standing (including graduation progress), JROTC aptitude, military appearance and bearing, physical fitness progress and results and building disciplinary record. Cadets not recommended for JROTC IV may enroll in the program in a JROTC III section. JROTC IV will provide an opportunity for 4th year students to expand their leadership experience by assisting instructors in the administration of the JROTC I and JROTC II/III curricula. The intent is to build an understanding of leadership by putting Cadets in positions of authority, under supervision, then helping them analyze the

reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Students are mentored/guided in their preparation for life after high school to include college preparation, scholarship applications, and the variety of career choices that are available to them.

## **LIBRARY SCIENCE -**

### MED100 Media literacy (0.5 credit)

This course is designed to encourage students to inquire, include, collaborate, curate, explore and engage; foundations to the American Association of School Librarians. Students in this course will develop an informed and critical understanding of the nature of an expanding mass media, exploring media as information sources, as entertainment, and as an industry. Students will examine, interpret, and evaluate the messages contained within media, and its social, cultural and political implications. This course exposes students to the base complexities of media literacy, develop critical thinking skills, and provides the methods of analysis necessary to interpret media content as well as methods of critical writing appropriate to media analysis.

## **MATHEMATICS -**

*Note: One credit of computer science may be counted as a math credit.*

### MATH010 Pre-Algebra (0.5 credit)

The curriculum of this course covers the foundations for mathematics learning throughout high school. Topics include: integers, order of operations, algebraic expressions, one and two-step equations, proportions, percent's, probability, geometry, and linear equations. The focus of this course is on getting students comfortable with variables and manipulating algebraic expressions so that they will be successful in future mathematics courses. The course is ideal for students who have not yet been successful in previous math courses and for those who require a gradual transition from foundation level courses to Linear and Quadratic Algebra. There is a strong focus on arithmetic and algebraic manipulations, solving equations, and graphing throughout this course.

### MATH106 Algebra I – Linear Equations (1 credit) - NCAA Approved 0.5 credit

This course is the basis for Module 2 of the Keystone exam. Topics covered include solving equations, functions, proportional reasoning and linear equations. Graphing calculators will be used extensively.

### MATH107 Algebra I – Quadratic Equations (1 credit) - NCAA Approved 0.5 credit

This course is the basis for Module 1 of the Keystone exam. Topics covered include inequalities, systems of equations, exploring polynomials, factoring and quadratic equations. Graphing calculators will be used extensively.

### MATH200 Geometry (1 credit) - NCAA Approved

*Prerequisite: Algebra I*

This course will cover measurement systems and constructions using those systems. The course investigates various types of reasoning and proof techniques. It covers two and three-dimensional figures and the properties and formulas associated with these figures. It also includes long-term investigations and activities to model geometric applications.

### MATH115 Honors Geometry (1 credit) - NCAA Approved

*Recommended: Received an A or B in Algebra I*

This demanding course investigates various types of reasoning patterns with a focus on proofs using a variety of techniques. It covers two and three- dimensional figures and their properties, formulas and measurements and constructions. This course includes long-term investigations and activities to model geometric applications. It contains applications in graph theory, non-Euclidean geometry and coordinate geometry.

MATH201 Algebra II (1 credit) – NCAA Approved

*Prerequisite: Algebra I*

This course is a continuation of Algebra I. It develops the student's ability to apply abstract concepts to solutions of problems using matrices, functions, and graphs. Students will learn how to use the quadratic equations to solve application problems.

MATH125 Honors Algebra II (1 credit) – NCAA Approved

*Prerequisite: Algebra I*

This rigorous course will be extending the skills that were taught in the Algebra I course. Students will lengthen their learning of linear equations and systems of equations. Students will study matrices, functions, quadratic equations, logarithms, and complex numbers.

MATH280 College Algebra (1 credit) – NCAA Approved

*Prerequisite: Algebra II and Geometry*

This course is for students who wish to pursue higher mathematics, either in preparation for college or the SAT. This course would strengthen algebra skills for a student who wishes to pursue higher mathematics. It will focus on the Alg. II standards, skills in geometric thinking/reasoning, with a concentration on problem-solving skills. Students who have completed Honors Pre-Calculus or a higher-level math course are not eligible to enroll.

MATH301 Pre-Calculus (1 credit) – NCAA Approved

*Prerequisite: Algebra II*

After a review of essential topics from Algebra II, this course includes theory and use of coordinate geometry, functions, and complex numbers. Students who are considering college or technical school should take this course to 34 to be prepared for math placement testing.

MATH300 Honors Pre-Calculus (1 credit) – NCAA Approved

*Prerequisite: Honors Algebra II and Honors Geometry*

This course is designed for the student who wishes to take A. P. Calculus in high school or Calculus in college. The content is a study of all types of elementary functions, analytic geometry, and trigonometry.

MATH310 Applied Calculus (1 credit) – NCAA Approved

*Prerequisite: Pre-Calculus*

This course will contain a brief review of pre-calculus and will cover the calculus concepts of limit, differentiation, and applications of the derivative. (Students who plan to major in engineering, mathematics, or science should plan to take the AP calculus course.)

MATH405 Applied Mathematics (1 credit) – NCAA Approved

*Prerequisite: Geometry or Algebra 2*

In this course, students will use mathematics to model real-world situations and make predictions about how systems behave. Students will explore examples everyday contexts while learning how math connects to the world around them. The course emphasizes problem-solving, critical thinking, and applying math to real-life scenarios. This course is an alternative to Algebra 2 and is not recommended for college-bound students.

MATH302 Probability & Statistics (1 credit) – NCAA Approved

*Recommended: Algebra II and Geometry Grade "C" or higher in both*

This course will be the study of how to collect, organize, analyze, and interpret numerical information from data. This course will also examine different types of distributions and their applications. Students will use algebraic formulas, calculators and computer software programs. A considerable amount of time is spent writing and analyzing documents containing mathematical information. This class is recommended for any students planning to major in psychology, sociology, criminal justice, nursing or political science.

MATH900 Advanced Placement Calculus AB (1 credit) – NCAA Approved

*Prerequisite: Honors Pre- Calculus*

AB Calculus is a study of change containing two major sections including the differentiation and integration of algebraic, inverse, trigonometric, and exponential functions and their applications to the sciences, business, and economics. It also contains both limit theory and analysis of curves. This is a rigorous course that requires a minimum of 1.5 to 2 hours of homework per night.

MATH901 Advanced Placement Calculus BC (1 credit) - NCAA Approved

*Prerequisite: Advanced Placement Calculus – AB*

This continuation of Calculus AB, which requires the student to complete additional work in analysis of curves, differentiation and integration in functions expressed in parametric, polar, and vector form, differential equations, Euler's method, improper integrals, logistic curves, sequences, series, Taylor approximations, and Lagrange error. As with Calculus AB, a significant amount of time will be required for work outside the school day.

MATH270 Trigonometry (0.5 credit)

The primary objective of this course is to develop a full understanding of the fundamental concepts of trigonometry and to show how trigonometry can be used to model real-life problems. This course covers trigonometric functions, their basic properties and graphs, identities, inverse trigonometric functions, solving trigonometric equations, and solutions of triangles.

MATH275 Financial Mathematics (0.5 credit)

*Recommended: Algebra II and Geometry*

Financial Mathematics is a course that is designed to offer an engaging curriculum that builds a great foundation for lifelong financial competence and understanding. Topics covered in this course will include simple interest, compounding interest, and various investments including retirement savings and stocks. Students will also learn about the various types of taxes and how they are calculated. This course is 0.5 credits and will count toward the required 4 credits of math for graduation

MATH640 Foundational Mathematics (1 credit)

*This course is offered to eligible students.*

The purpose of this course is to develop the foundations of students' mathematical understanding. Topics in this course include: number sense (factors, negative numbers, and fractions); patterns and algebra; linear functions; measurement (perimeter, area, and volume); and coordinate geometry. Topics and schedules will be adjusted as necessary to meet the needs of the students as they become apparent throughout the course.

MATH645 Consumer Mathematics (1 credit)

*This course is offered to eligible students.*

Consumer Math focuses on basic, practical math skills used in everyday life at home and at school. Students will learn how to apply math to real-world situations such as shopping, basic budgeting, food and nutritional concepts, and managing simple finances. This course helps students build confidence in using math for daily living and personal responsibility. This course is only offered to eligible students.

MATH620B Algebra 1 Essentials I (1 credit)

*This course is offered to eligible students.*

Algebra Essentials 1 introduces students to the foundational concepts of algebra needed for success. Students will learn the basics of sequences, variables, expressions, equations, and problem-solving strategies. This course focuses on building essential skills and confidence in understanding and applying basic algebraic thinking and knowledge. This course is only offered to eligible students.

MATH630 Algebra 1 Essentials 2 (1 credit)

*This course is offered to eligible students.*



Algebra Essentials 2 builds upon the foundational skills learned in Algebra Essentials 1 to expand students' understanding of key algebraic concepts. Students will learn about graphing, slope, probability, inequality symbols, and more. This course strengthens essential algebra skills and continues to build upon prior knowledge. This course is only offered to eligible students.

#### MATH### Financial Math – Modified (1 credit)

*This course is offered to eligible students.*

Personal Finance teaches students essential money management skills to help them make smart financial decisions in everyday life. Students will learn about budgeting, understanding bank accounts, distinguishing between wants and needs, credit cards, wages and salary, interest, and more. This course builds practical financial knowledge to prepare students for real-world success. This course is only offered to eligible students.

#### MATH600 & MATH601 ILS Math 1 & 2 (2 credits)

*This course is offered to eligible students.*

This course is designed to provide targeted, personalized support to students who need extra help mastering fundamental math concepts and skills. Through focused instruction, practice, and collaborative learning, students will strengthen their understanding of key topics such as basic fact fluency, pre-algebra, geometry, and problem-solving strategies. The intensive format ensures accelerated progress by addressing individual learning needs, building confidence, and fostering a positive attitude toward math.

#### MATH690 Life Skills

*This course is offered to eligible students.*

The purpose of this course is to focus on math skills used in daily living. Sample topics include creating a balanced budget, reading and recording receipts, determining the “next dollar up” for an item cost, learning to tell time. The curriculum is based on the student’s individual needs agreed to by the IEP team.

### **MUSIC –**

#### MUS401 Orchestra (1 credit)

Meets 1st and 2nd semesters.

Students may enroll in either semester of both. The first semester orchestra prepares for a holiday concert. The second semester orchestra prepares for a spring concert usually scheduled in May. Attendance is mandatory. Second semester students in grade 9-11 are also required to perform at the graduation ceremony. During class, the student is provided opportunities to develop higher instrument playing skills and to enhance knowledge of music as applied to an orchestral setting.

#### MUS501 Music History & Appreciation (0.5 credit)

Ever wondered how music from the past connects to the songs we hear today? This course takes students on a journey through the history of Western music, from ancient chants to modern styles. You'll discover the stories behind famous composers and explore how history, culture, and society shaped the music of each era. Through listening to exciting and memorable musical examples, you'll sharpen your listening skills and learn how music works by exploring melody, harmony, rhythm, form, tone color, and expression. No performing required—just an open mind, curious ears, and a love of discovering new sounds.

#### MUS202 Chorus (1 credit)

Love to sing? Join Chorus! This class is open to any student who is interested in singing and receives approval from the director. Throughout the year, students rehearse together to prepare for two major performances—a festive Holiday Concert in December and a Spring Concert in May. In class, you'll build your singing voice, strengthen your music-reading and sight-singing skills, and learn how to work as part of a team. You'll perform exciting and challenging choral music from many different time periods and styles while

developing confidence, musicianship, and strong rehearsal habits. Students also have the chance to audition for county, district, regional, and state honor choirs, making Chorus a great opportunity to grow, perform, and shine!

MUS406 Marching Band & MUS407 Marching Band & Chorus (1 credit)

This first-semester ensemble is all about school spirit, teamwork, and high-energy performances! Marching Band students rehearse and perform at all football games, parades, and select exhibition shows throughout the season. Students who wish to participate must attend band camp, which is typically held in late July or early August—attendance at band camp is required. Performance attendance is an essential part of the course and is outlined in the marching band grading policy. When the football and marching season ends, the ensemble transitions into a concert band, with a required concert scheduled near the end of the first semester. Marching Band students will also participate in two Memorial Day parades held in May. This course offers an exciting opportunity to perform, represent the school, and grow as a musician.

MUS410 Concert Band (1 credit)

Meets second semester. Students will rehearse music geared toward the ability level of the group. During the class, the student is provided opportunities to develop higher instrumental playing skills and to enhance knowledge of music as applied to a concert band setting. One concert is scheduled near the end of the school year, usually in May. Attendance at this concert is mandatory.

MUS305 Music Theory (0.5 credit)

Curious about how music is created? This beginner-friendly course is your chance to unlock the building blocks of music! Designed for students with little or no prior experience, you'll dive into the basics of reading and writing music—learning about notes, rhythms, intervals, scales, and chords. Through hands-on activities and listening examples that connect directly to what you're studying, you'll start to see (and hear!) how music fits together. Whether you want to understand the music you love or build a foundation for future music classes, this course is a great place to start!

MUS405 Advanced Music Theory (0.5 credit)

*Prerequisite: Music Theory*

Ready to take your music knowledge to the next level? This course builds on the skills learned in Music Theory MUS305 and is recommended for students who want a deeper understanding of how music works—especially those considering a future in music. You'll explore more advanced topics such as chord inversions, non-traditional scales and modes, musical form and structure, and accurate identification and labeling of musical elements. Through challenging lessons and applied listening, this class will sharpen your analytical skills and help you think like a musician and composer.

MUS250 Intro to Musical Theater (0.5 credit)

Dive into the exciting world of Broadway! This course explores both the history of the Broadway musical and how musicals are produced. You'll learn about everything from Minstrel Shows, Vaudeville, and Operettas to Rock Musicals, Mega Musicals, Jukebox Musicals, and Revivals—through videos, recordings, scripts, and live performances. You'll also get a behind-the-scenes look at how musicals are made, studying acting, singing, directing, producing, writing, set and costume design, publicity, and financing. Students will have hands-on opportunities to perform scenes and songs, write and direct musical numbers, create publicity materials and budgets, and design and produce sets and costumes. Whether you love performing, creating, or just exploring the magic of Broadway, this course has something for everyone!

MUS251 Music in Film (0.5 credit)

Ever wondered how music makes movies so powerful? This course explores the history and purpose of music in film—from early silent black-and-white films to today's blockbuster scores using original music and classical masterpieces. Students will get hands-on experience by scoring and producing music for their own short film, learning how music helps define characters, sets the mood, and syncs perfectly with on-screen action. You'll also explore techniques like dubbing and sound effects to see how music and sound bring movies to life.

### MUS 252 Intro to Piano (0.5 credit)

Want to learn to play the piano? This beginner-friendly course is perfect for students with little or no piano experience. You'll work at your own pace, both individually and in groups, using acoustic and digital pianos. Students will learn to read and perform music, accompany songs with chords and patterns, and even improvise and compose their own pieces. You'll explore a variety of musical styles, from classical to folk to popular music. By the end of the course, you'll have the confidence and skills to practice and play on your own—making music for fun anytime you want!

### MUS253 Piano II (0.5 credit) **PILOT**

*Prerequisite: Piano I*

Ready to take your piano skills to the next level? This course is for beginning to intermediate players who have completed Intro to Piano or have teacher approval. You'll work at your own pace, both individually and in groups, using acoustic and digital pianos. Learn to read and perform music, accompany songs with chords and patterns, improvise, and compose your own pieces. Explore a variety of styles, from classical to folk to popular music, while building the confidence and skills to play independently for fun—during class and long after!

### MUS254 Intro to Percussion (0.5 credit)

This course is open to all who are interested in learning percussion. Performs one concert per year in the Spring. This class will develop students interested in drums or keyboard mallet instruments in to well-rounded musicians.

### MUS255 Jazz Improvisation (0.5 credit)

*Prerequisites: Students must play an instrument at a basic level and read music at a basic level.*

Students will learn the ins and outs of playing jazz music including jazz improvisation. This is an extension to prepare students for jazz bands and jazz studies.

## SCIENCE -

### SCI210 Biology (1 credit) - NCAA Approved

Biology is the study of the living world. Students will study life beginning with cells and the cell theory, gain an understanding of genetic principles, and examine ecological relationships among organisms.

### SCI102 Honors Biology (1 credit) - NCAA Approved

This course is designed for the college preparatory students that have a specific interest in the field of science. This academic path's biology curriculum covers the same units as the regular biology curriculum; however, the concepts are covered in greater detail with emphasis placed upon integrating the fields of chemistry and mathematics. (Placement into this course is based on PSSA scores & 8th grade Science performance.)

### SCI600 Environmental Science - Modified (1 credit)

*This course is only offered to eligible students.*

Environmental Science introduces students to the world around them and how people, animals, plants, and the Earth's systems are connected. Students learn about topics like land, water, air, weather, and living things in simple, hands-on ways. The class focuses on helping students understand how the environment works, why it's important to take care of it, and how it affects daily life.

### SCI104 Environmental Science (0.5 credit) - NCAA Approved

This course is intended for students with an interest in the environmental health of the earth. Topics include ecology, air quality, water quality, waste management and land use planning.

### SCI105 Honors Environmental Science (0.5 credit) - NCAA Approved

This course is designed for the college preparatory student interested in a science career. This course is

intended for students with an interest in the environmental health of the earth. Topics include ecology, air quality, water quality, waste management and land use planning.

SCI106 Earth Science (0.5 credit) – NCAA Approved

Earth Science will review basic matter concepts that will assist students when they take Biology. The main focus of the course is on Geology. Students will study rocks and minerals; learning how they form, how they are classified, and how society uses them. In addition, students will learn about the Theory of Plate Tectonics and the features that are created on the surface by plate movement (mountains, volcanoes and earthquakes). Many lab activities will be used to demonstrate student knowledge of the concepts learned in the course.

SCI220 Chemistry in the Physical World (0.5 credit) – NCAA Approved

Chemistry in the Physical World will focus on the study of matter, starting with atoms and ending with exploring how chemical reactions occur and are quantified. Students will learn basic laboratory skills, an understanding of the usefulness of the periodic table, and how chemical reactions apply to everyday life. Many lab activities will be used to demonstrate student knowledge of the concepts learned in the course.

SCI221 Chemistry (1 credit) – NCAA Approved

*Recommended: Completion of Algebra II with a minimum final grade of a "B" average or Algebra I Quadratic with a final grade of a "B".*

Content emphasis placed on understanding the composition, properties and reactions of matter, chemical nomenclature, stoichiometry and chemical equations, the periodic table, the atomic structure of matter, energy transformations, and chemical bonding. Laboratory experiments are an integral component of the course. This class will require less mathematical modeling than SCI22.

SCI222 Honors Chemistry (1 credit) – NCAA Approved

*Recommended: Completion of Algebra II with a minimum final grade of a "B" average or Algebra I Quadratic with a final grade of a "B".*

Content emphasis placed on understanding the composition, properties and reactions of matter, chemical nomenclature, stoichiometry and chemical equations, the periodic table, the atomic structure of matter, energy transformations, and chemical bonding. Laboratory experiments and strong algebraic skills are integral components of the course. This class will require more mathematical modeling than SCI221.

SCI601 Life Science- Modified (1 credit)

*This course is only offered to eligible students.*

In this class, students will explore how the human body works and how to take care of it. Topics include the body systems, personal hygiene, healthy relationships, and managing stress. Students will learn how different body systems work together to keep us healthy, why good hygiene is important, and how to make positive choices for both body and mind. Through hands-on activities, discussions, and projects, students will discover how science connects to their daily lives and how to build healthy habits that last a lifetime.

SCI305 Anatomy and Physiology (1 credit) – NCAA Approved

*Recommended: Biology ("A" or "B") and Chemistry ("A" or "B")*

This course will focus on the structure (anatomy) and function (physiology) of the human body. Our study will begin at the microscopic level with cells, then work our way to tissues, organs, and the organ systems. Human growth and development will also be discussed. This course should be of interest to students who are interested in a career in the medical or healthcare field.

SCI351 Physics (1 credit) – NCAA Approved

*Recommended: Algebra II with a minimum of a "C" average*

The fundamental relationships of energy and matter to modern society's technological environment are studied through problem solving and experimentation. Students have the opportunity to discover and explore first hand some of the basic principles that have molded and continue to shape our technological world of today.

SCI352 Honors Physics (1 credit) – NCAA Approved

*Recommended: Algebra II with an “A” average*

The fundamental relationships of energy and matter to modern society’s technological environment are studied through problem solving and experimentation. Students have the opportunity to discover and explore first hand some of the basic principles that have molded and continue to shape our technological world of today. This class will require more mathematical modeling than SCI351.

SCI336 Plants and Animals of Pennsylvania (0.5 credit) – NCAA Approved

In this course students will study the plants and animals that inhabit Pennsylvania. We will look at the anatomy of both plants and animals, as well as the conditions that Pennsylvania species need to survive. Identification of plants and animals will be a key component of the course, along with the role that these plants and animals play in the ecosystems of Pennsylvania.

SCI310 Planetary Science (0.5 credit) – NCAA Approved

This course is designed for students who are interested in learning more about the solar system, the discovery of exoplanetary systems beyond our solar system, and the conditions necessary for a planet to support life. Course work will include research on bodies of the solar system and exoplanetary systems, Kepler and Newton’s Laws, and an analysis of the past, present, and future habitability of planets in these systems.

SCI311 Astronomy (0.5 credit) – NCAA Approved

This course is designed for students who are interested in learning more about the universe and its formation. Course work will include stellar evolution, nucleosynthesis, the Big Bang, and methods of astronomical observation including naked eye astronomy and the threat of light pollution.

SCI320 Forensics (0.5 credit)

*Recommended: Chemistry or Physics*

This introductory course in Forensics is to give students a very basic understanding of forensic science and how it is used in criminal cases, by using published works and case examples.

SCI325 Dinosaurs and Mass Extinctions (0.5 credit) – NCAA Approved

This course is designed for students who are interested in learning more about Earth’s past with a focus on the Mesozoic Era and the Dinosaurs. Course work will include the biological classification and evolution of dinosaurs, research methods used in paleontology, the ecologies of North America in the Mesozoic Era, and Earth’s mass extinction events and their causes.

SCI335 Climate & Weather (0.5 credit) – NCAA Approved

This course is intended to lead students to a better understanding of the earth’s atmosphere, weather, and the climatic conditions it causes. Requirements will include work with weather instruments, forecasting and maps. SCI340 Introduction to Geographic Information Systems (GIS) .50 credit This course is an introduction to the concepts and uses of GIS. Lecture topics include history of GIS, GIS data structures and sources of data, GIS tools, vendors and software, applications, and resources. Exercises include spatial data display and query, map generation, and simple spatial analysis using ArcGIS software.

SCI345 Experimental Design (0.5 credit) – NCAA Approved

Experimental design is the process of planning a study to meet specified objectives. Planning an experiment properly is very important in order to ensure that the right type of data is available to answer the research questions of interest as clearly and efficiently as possible. Students will study the concepts of experimental design and then determine their own area of interest to study, develop their experimental question, and design the experimental process and ultimately complete their own research. Research results may be shared at appropriate conferences outside of the school environment.

SCI400 Honors Organic Chemistry (1 credit) – NCAA Approved

*Prerequisites: AP Chemistry or AP Biology (NCAA Approved)*

Organic Chemistry is intended for students interested in pursuing careers in the fields of science, medicine, and/or engineering. This course serves as an introduction for the study of the chemistry of carbon compounds by applying principles rooted in general chemistry. Topics of study include: bonding in organic molecules, organic nomenclature, functional groups, organic synthesis, laboratory applications, and bio-organic chemistry.

SCI900 Advanced Placement Biology (1 credit) - NCAA Approved

*Recommended: An "A" average in Chemistry ("B" average with teacher approval)*

This weighted course is intended for students majoring in biology related fields in college. This course is equivalent to a beginning college level biology course and like all advanced placement courses will require more time, energy, and effort from the student.

SCI901 Advanced Placement Chemistry 1 (1 credit) - NCAA Approved

*Recommended: An "A" average in Chemistry ("B" average with teacher approval)*

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students will attain a depth of understanding of fundamentals and a competence in dealing with chemical problems. They will develop their ability to think clearly and express their ideas orally and in writing with clarity and logic. Emphasis is placed on chemical calculations and mathematical formulation of principles through extensive laboratory work. These topics include structure of matter, chemical/molecular bonding, states of matter, solutions, gasses, oxidation-reduction, acids and bases, equilibria, thermodynamics, kinetics, electrochemistry and qualitative analysis. Summer assignments are required. Students taking this course are encouraged to take the Advanced Placement exam.

SCI903 Advanced Placement Physics (1 credit) - NCAA Approved

*Recommended: An "A" average in Physics ("B" average with teacher approval)*

This comprehensive physics course will focus mainly on optics, light, D.C. and A.C. electricity, heat & thermo, radiation, magnetism and fluids. This course is designed to prepare students for the A.P. Physics 2 test.

SCI902 Advanced Placement Environmental Science (1 credit) - NCAA Approved

*Required: Two lab-based sciences (Biology, Chemistry or Physics)*

The goal of the AP Environmental Science course will cover the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

## **SOCIAL STUDIES -**

SS600 Government - Modified (1 credit)

*This course is offered to eligible students.*

In this class, students will learn about different types of government around the world and explore how governments make decisions. They will study the basics of the U.S. government, including the roles of the branches, and learn how laws and legislation have shaped our country over time. Through discussions, activities, and projects, students will gain a better understanding of how the government affects their lives and how citizens can participate in making their voices heard.

SS100 Government (1 credit) - NCAA Approved

A required course for freshmen, Government is the study of our American governmental, political, and economic systems with units of study dealing with the foundations, branches, and powers of our government and the Pennsylvania state legal system.

SS101 Academic Government (1 credit) - NCAA Approved

A required course for freshmen, Government is the study of our American governmental, political, and economic systems with units of study dealing with the foundations, branches, and powers of our government and the Pennsylvania state legal system.

SS107 Honors Government (1 credit) – NCAA Approved

A required course for freshmen, Government is the study of our American governmental, political, and economic systems with units of study dealing with the foundations, branches, and powers of our government and the Pennsylvania state legal system.

SS604 World History – Modified (1 credit)

*This course is offered to eligible students.*

In this class, students will learn about civilizations from Europe, Africa, and the Americas, both past and present. The course focuses on culture, geography, food, and history, giving students a chance to understand how people lived, what they valued, and how their environments shaped their societies.

SS201 World History (1 credit) – NCAA Approved

A required course for grade 10 students concerning the culture, geography, and history of Australia, Canada, Central and South America, China, Europe, Japan, the Middle East, South Asia, Southeast Asia, and Sub-Saharan Africa. Emphasis is placed upon the common unifying elements found in any culture and shared by all people; regardless of race, religion, socio-economic status, or geographic environment. Projects are required to successfully complete the course.

SS203 Academic World History (1 credit) – NCAA Approved

A required course for grade 10 students concerning the culture, geography, and history of Australia, Canada, Central and South America, China, Europe, Japan, the Middle East, South Asia, Southeast Asia, and Sub-Saharan Africa. Emphasis is placed upon the common unifying elements found in any culture and shared by all people; regardless of race, religion, socio-economic status, or geographic environment. Projects are required to successfully complete the course.

SS904 Advanced Placement World History (1 credit) – NCAA Approved

AP World History is a rigorous, college level course designed to explore human history from 1200 B.C.E. to the present. The course will emphasize and focus on the development of analytical and writing skills necessary for success at the collegiate level. This will be done, at least partly, through the critical evaluation of primary and secondary sources and analysis of historiographical arguments. The course will require significant amounts of 48 reading and assignments completed outside of class time. AP World History is designed for 10th graders as a substitute for general World History, but upperclassmen can schedule the class as a Social Studies elective, if they choose.

SS610 United States History – Modified (1 credit)

*This course is offered to eligible students.*

In this class, students will explore the foundations of the United States and learn about the events and people that shaped our country. Topics include major historical events from the past to the present, as well as important movements like the Progressive Era, Industrial Revolution, the Civil Rights Movement, and more. Through reading, projects, and discussions, students will learn how history has shaped the world we live in and how it continues to influence our lives today.

SS300 United States History (1 credit) – NCAA Approved

A required course covering the U.S. History from 1865 thru present day, including Pennsylvania history and U.S. /PA geography. Major topics start with Reconstruction, Western Expansion, the Rise of Industrialism, US involvement in foreign affairs from WW I to the present situation in Iraq/Afghanistan. In addition to these topics, the course will cover the cultural, social and political issues in US history. Students will also take some interesting inventories, personality assessments, and aptitude tests in this course to help with their career/college/life readiness in later grades.

SS301 Academic United States History (1 credit) – NCAA Approved

A required course covering the U.S. History from 1865 thru present day, including Pennsylvania history and

U.S. /PA geography. Major topics start with Reconstruction, Western Expansion, the Rise of Industrialism, US involvement in foreign affairs from WW I to the present situation in Iraq/Afghanistan. In addition to these topics, the course will cover the cultural, social and political issues in US history. Students will also take some interesting inventories, personality assessments, and aptitude tests in this course to help with their career/college/life readiness in later grades.

#### SS900 Advanced Placement United States History (1 credit) - NCAA Approved

*Prerequisite: Cumulative average of "B" or better in social studies courses in government and world history.*

This class is designed to provide a more detailed examination of the history of the United States as well as to provide an opportunity to develop analytical skills. Students should possess a high interest in history as an area of study. Students should be aware that considerable demands would be made on out-of- class time to meet the requirements of the course. A research project is required of all students as well as a number of supplemental readings. In addition, numerous document-based assignments will be utilized to supplement the textbook. There will be a mid-term and a final examination. Summer reading is required. Students may avail themselves of the opportunity to take the advanced placement exam in the spring of the year.

#### SS310 Psychology (0.5 credit) - NCAA Approved

Psychology helps students to better understand his/her own emotions and social adjustments, as well as to appreciate the motivating forces behind a wide variety of human behavior forms. Special emphasis will be placed on specific areas of interest in psychological research. Students will be required to participate in numerous classroom activities that will explore specific areas of psychological interest and outside readings that will focus on research and trends in the fields of psychology. Recommendation: Student performing in the A/B level in other Honor level courses.

#### SS302 Sociology (0.5 credit) - NCAA Approved

Sociology is the scientific study of human society and social life, and the social causes and consequences of human behavior. People use sociology everyday as they seek questions about their own and other's behavior. Students will seek information and collect data in an attempt to explain social behavior. Students will be required to complete numerous activities and projects that will focus on changes in their school, community, families and society.

#### SS305 Contemporary World Issues (0.5 credit) - NCAA Approved

This course will focus on current world issues. Topics will range from what is happening in the news to issues such as sweatshops, child soldiers, terrorism, landmines, and refugees around the world. Students will examine what human rights are guaranteed by the United Nations, why they are not enforced worldwide, and how that has contributed to the quality of life for people around the world. There will be an emphasis on genocide in the twentieth and twenty-first centuries. If arrangements can be made, there will be a field trip to the US Holocaust Museum in Washington, D.C.

#### SS306 Law & Society (0.5 credit) - NCAA Approved

A focus on the creation and application of laws in society. By understanding the workings of our court system, as well as how laws are actually carried out, students become more informed and responsible citizens

#### SS680 Economics – Modified (0.5 credit)

*This course is offered to eligible students.*

This teacher-recommended economics course is designed to prepare 12th grade students regarding the U.S. economic system and provide them with a foundational and practical introduction to key economic principles, specifically designed to support students who benefit from an individualized, structured, and more deliberate learning pace.

#### SS400 Economics (0.5 credit) - NCAA Approved

This required 9-week block course is designed to prepare 12th grade students to make important economic decisions in their personal lives and as citizens of a democratic society. This study of economics will enable



students to make reasoned judgments about personal finances and the economic policy decisions of the various levels of government. Understanding of how markets work and of the trade-offs involved in trying to accommodate unlimited wants with limited resources is essential for meaningful democratic dialogue. With this background, students have a better chance of achieving the American dream.

#### SS902 Advanced Placement Economics (1 credit) - NCAA Approved

Here at SASHS students are taking advanced math classes from freshman year on. AP Economics is a year-long college level economics course that encompasses both AP Microeconomics and AP Macroeconomics. Students who complete this course will be prepared to take the AP Microeconomics and AP Macroeconomics exams that are administered by the College Board in May.

In preparation for this examination, this course will be divided into two parts approximately split along semester lines: the first semester will be devoted to the study of Microeconomics in six units of three to four chapters each, while the second semester will be devoted to the study of Macroeconomics split into five units of two to three chapters each. There will be a cumulative test at the conclusion of every unit and both a Micro and Macro Review Examination.

AP Microeconomics introduces students to the cost- benefit analysis that underlies how economic decisions are made by individuals, firms, and organizational structures. Supply and Demand analysis is developed to demonstrate how market prices are determined, how those prices determine an economy's allocation of goods and services, how factors of production are allocated, and how goods and services are distributed throughout the economy. The focus of this section of the course is the actions of consumers and producers as they interact in the resource and product markets. We will evaluate decision- making by all actors, including the role of government intervention in this model.

AP Macroeconomics emphasizes economic principles as applied to the economy as a whole and includes an analysis of basic economic concepts revolving around scarcity, measurement of economic performance, national income and price determination, the financial sector, unemployment, and stabilization policies, economic growth and productivity, and international trade and finance.

Macroeconomics and Microeconomics will emphasize critical thinking skills, the use and interpretation of complex graphic representations, and writing skills.

#### SS901 Advanced Placement Comparative Government & Politics (1 credit) - NCAA Approved

AP Comparative Government and Politics is a full credit academic course, which introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The basic core of the discipline is to study different governments around the world while comparing them to the American system. This class will cover topics and test knowledge to the extent of an introductory college level class. College credit hours may be achieved by taking the Advanced Placement Exam in the spring.

#### SS905 Advanced Placement Psychology (1 credit) - NCAA Approved

This is an extensive and demanding overview of the field of psychology as well as the dominant theories that have emerged in the areas of development, personality, motivation, biology of behavior, intelligence, memory, consciousness, sensation/perception, and psychological disorders. The course follows the guidelines established by the College Board and requires multiple written assignments throughout the course. Additionally, students will be required to complete a reading and writing assignment over the summer prior to entrance in the course. While students are not required to take the exam, this course is designed with the purpose of preparing students to take the AP Psychology Exam offered in the spring.

### **TECHNOLOGY EDUCATION -**

*Note: One credit of computer science may be counted as a math credit.*

#### TE100 Engineering and Design Technology (0.5 credit)

This course is an introduction to different kinds of engineering. Students will complete projects chosen by the teacher that focus on hands-on learning, design challenges, and problem-solving. The course includes both individual and group activities. Students will also learn basic CADD skills and how to stay safe when using machines.

TE101 Home Repair and Improvement Lab (0.5 credit) **PILOT**

In the Home Repair and Improvement Lab, students will learn hands-on skills to build, fix, and improve things around the home. Over nine weeks, each student will create a functional storage bench, adding modules like a pipe maze, LED lighting, and a mosaic tile panel. Students will practice carpentry, plumbing, electrical work, painting, tiling, and home maintenance while completing their project. Students are responsible for paying for the materials they use.

TE102 Design and Prototyping (0.5 credit)

Students will use the design process model and design thinking to create 3D images of products using computer software. They will then build prototypes or models using materials like plastic, wood, or metal. Students will also take part in small challenges that test their problem-solving, teamwork, and design skills.

TE201 Design and Prototyping II (0.5 credit)

*Prerequisite - Design and Prototyping*

In this advanced course, students continue using the design process model and design thinking to create more complex products. They will refine their prototypes using materials like plastic, wood, or metal, focusing on improving their designs through iteration. Students will also take on bigger challenges that test their problem-solving, teamwork, and creative thinking skills.

TE200 CADD (0.5 credit)

In this introductory course, students explore the world of mechanical and architectural drawings. Using AutoCAD, they will create multi-view drawings, isometric sketches, and plan and elevation views. Students will get hands-on experience bringing their ideas to life on the computer, learning skills that architects and engineers use every day.

TE205 Manufacturing, Materials & Processes (1 credit)

In this class, students learn basic woodworking skills, important terms, and how to use tools and machines safely. They will explore manufacturing and production processes while completing both teacher-assigned and student-designed projects through hands-on lab work. Students are responsible for paying for the materials they use, and costs will vary based on their project design.

TE210 Mechanical Drawing (0.5 credit)

*Prerequisite: CADD*

In this course, students will create a variety of technical drawings used in engineering and design, including sections, inclines, oblique drawings, working drawings, assembly drawings, auxiliary views, and detailed part drawings. Through these projects, students gain hands-on experience building the skills that engineers and designers use to bring ideas to life.

TE225 Networking Basics I (0.5 credit)

This introductory course gives students hands-on experience with networking technologies in both the classroom and lab. Students will use simulators and real networking devices to complete activities that teach key concepts like IP addressing, the OSI model, protocols, switches, and configuring the IOS on 1600 and 2500 series routers and switches. By the end of the course, students will understand how networks work and gain practical skills used in the real world.

TE235 Architectural Drawing (0.5 credit)

*Prerequisite: CADD*

In this course, students will use AutoCAD to create detailed drawings of wall sections, floor plans, foundation plans, stair designs, and sill and floor construction. Through these projects, students will gain hands-on

experience with classroom software while learning the key elements of basic home construction. By the end of the course, they will have a stronger understanding of how homes are designed and built.

TE305 Advanced Manufacturing, Materials and Processes (1 credit)

*Prerequisite: Manufacturing Materials & Processes*

In this advanced course, students will build on their woodworking experience by learning higher-level skills in furniture design, materials, and machine safety. They will complete individually selected projects and participate in a self-chosen, school-based service project that uses their manufacturing skills to help others. Students will be responsible for paying for the materials they use, and costs will vary based on their project choices.

TE202 The Science of Robotics (0.5 credit)

In this class, students learn how robots work by exploring basic engineering and computer programming. They use VEXcode block coding to program physical VEX robots and complete hands-on design challenges. Students learn to break problems into steps, test their ideas, and improve their designs. They work together in teams to build, program, and troubleshoot their robots.

TE280 Introduction to Programming (0.5 credit)

Do you want to learn how to read and write code? This course is designed to develop both an appreciation and application for programming through web page design. Students will be exposed to various programming languages, including HTML and JavaScript, and create class led and self-guided projects. This course is for the student who would like to understand how web pages are constructed and the interactivity components behind particular website elements.

TE281 Computer Programming II (0.5 credit)

*Prerequisite: Introduction to Programming*

This course is for the student who has taken Introduction to Programming and wants to further develop and expand upon coding. In this class we will create more in-depth projects using HTML, Python, and JavaScript, in addition to learning relevant new code for the changing world.

TE901 AP Computer Science Principles (1 credit) - NCAA Approved

AP Computer Science Principles introduces students to the basic ideas of computer science and helps them explore how technology affects the world around us. Students will create programs using the Snap programming language and learn important concepts that computer scientists use every day. They will also discuss the social impacts of computing and think about how to support the positive uses of technology while limiting potential harms. With a focus on creative problem-solving and real-world connections, this course helps prepare students for future studies and careers in technology.

**WORLD LANGUAGES -**

WL100 French I (1 credit) - NCAA Approved

The students will learn basic grammar concepts, such as verb conjugation, gender of nouns, adjective agreement, various kinds of articles and basic expressions in French.

WL220 Honors French II (1 credit) - NCAA Approved

*Prerequisite: successful completion of French I Grammar is the main focus at this level.*

Irregular verbs, idiomatic expressions, the past tense and pronouns, as well as various areas of vocabulary are a major concentration of this course.

WL320 Honors French III (1 credit) - NCAA Approved

*Prerequisite: successful completion of French II*

Grammar concepts include the subjunctive, imperfect and future tenses. Students will read the novel "Le Petit Prince" later in the class.

WL420 Honors French IV (1 credit) – NCAA Approved

*Prerequisite: successful completion of French III*

Grammar concepts include the pluperfect, the past conditional and subjunctive, and various types of pronouns (possessive, demonstrative and interrogative). Students will read the novel "Les Jeux Sont Faits" and will prepare for the AP French Language Exam.

WL900 Advanced Placement French (1 credit) – NCAA Approved

AP French's format and curriculum follows the guidelines established by the College Board. With French being spoken almost entirely in class, students will also be enjoying news broadcasts and other current events. Various literature selections will be included, as well as film productions. Students will examine, analyze and discuss the following themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students will also rigorously prepare for the AP French exam, which is suggested to be taken, but not required.

WL101 Spanish I (1 credit) – NCAA Approved

Students will learn basic grammar concepts, vocabulary and cultural content through the study of present-tense verb conjugation, the use of nouns and articles, adjective agreement and basic expressions in Spanish.

WL201 Spanish II (1 credit) – NCAA Approved

*Prerequisite: Spanish I*

Students will learn grammar that is more sophisticated, vocabulary and cultural content through a more in-depth study of verb conjugation (present and past), the use of irregular verbs, the use of pronouns and the study of various vocabulary themes.

WL220 Honors Spanish II (1 credit) – NCAA Approved

*Prerequisite: successful completion of Spanish I & recommendation from Spanish I teacher*

This course will cover the curriculum of Spanish II but will be conducted more in Spanish and at a quicker pace.

WL320 Honors Spanish III (1 credit) – NCAA Approved

*Prerequisite: successful completion of Spanish II*

Students will continue to learn and expand upon grammar, vocabulary and cultural content in a functional context. Students will be expected to perform more accurately in Spanish when reading, writing, listening and speaking. FL104 Honors Spanish IV (12) 1 credit (NCAA Approved) *Prerequisite: successful completion of Spanish III* Students will study the subjunctive mood. Students will read, comprehend, translate and discuss Spanish texts in the form of short stories while expanding grammar and vocabulary study.

WL420 Honor Spanish IV (1 credit) – NCAA Approved

*Prerequisite: Spanish III*

Students will study the subjunctive mood. Students will read, comprehend, translate and discuss Spanish texts in the form of short stories while expanding grammar and vocabulary Study.

**WORK-BASED LEARNING -**

WBL310 Work-Based Learning Experience

*Select 11th Grade Students and all 12th grade students are eligible to take this course.*

Work-Based Learning Experiences are offered to seniors and select juniors as Diversified Occupations (DO) Cooperative Education (Co-op) opportunities. Students will gain marketable job skills through part-time (paid or volunteer) employment in business and/or industry. Student's job placement must align with their future career and/or college goals. Career awareness and preparation, career acquisition, and career retention and advancement will be explored. Students will also be exposed to workplace safety guidelines and OSHA standards. In addition to the work experience, this course requires daily and weekly academic assignments.

Placements must be linked to the SMART futures and career plans students have developed.

WBL300 Medical Field Internship (1 credit)

This course is designed to direct juniors and seniors in the exploration of various healthcare careers in real life experience. The course places emphasis on the development of patient care and responsibility, personal strengths and skills, as well as vital soft skills of employment. Students observe in various departments of the hospital for approximately 9-weeks, and then spend a concentrated period of time in one or two departments for the remainder of the marking period/semester. Students must complete an application and interview with hospital staff for selection in this program. If selected, students will be required to obtain various background checks, complete a medical screening/physical, and adhere to vaccination policies and other laws, such as HIPAA. Students will be expected to complete all class requirements assigned by the hospital staff such as journals and a final project. Grades are determined by the hospital staff. This program is offered through UPMC (Juniors only), Wellspan (Juniors and Seniors) and Holy Spirit Hospital (Seniors only). Students are responsible for their own transportation to the facilities.

WBL400 JLG Field Experience

JLG's School-to-Work (S2W) program allows high school juniors and seniors local to its manufacturing facilities in McConnellsburg, Shippensburg, Bedford, Greencastle and Chambersburg, Pennsylvania, to earn school credit while working paid roles in welding, assembly, painting, fabrication, warehouse support and more. Students receive real-world experience, mentorship and the chance to transition into full-time roles after graduation. S2W+ — an advanced extension of the program — places students in specialized roles like maintenance, robotics, machining, engineering and testing for deeper technical exposure.

**OTHER -**

Shippensburg Therapeutic Academic Resource (STAR) (credits vary)

*This course is only offered to eligible students.*

The STAR Program will assist students with trauma or mental health needs/supports and implement school-appropriate self-regulation strategies. Students will choose a course from an extensive list of offerings through the Greyhound Virtual Academy to earn credit while receiving positive mental health support in a calm, therapeutic environment. Students will have opportunities to participate in mindful activities, unique teambuilding, engaging leadership activities, and larger collaborative projects.

TE600 Woodworking (1 credit)

*This course is only offered to eligible students.*

In this course, students will learn to effectively and safely use hand tools to construct a selection of projects from both soft and hard woods. Students will access instruction to gain proficiency in using and maintaining hand planes, wood chisels, and a variety of hand saws. Additionally, students will learn how to sharpen tools by hand without the use of jigs or guides. The fundamentals will assist students to properly cut, layout, and prepare stock for a selection of joints including dovetail, half-blind dovetail, miter, mortise and tenon, through wedge mortise and tenon and more! No loud machines or floating dust to hinder the naturally therapeutic experience of creating fine woodworking projects with your hands.

OTH101.5 Introduction to ELD (1 credit)

This course is designed for students whose home language is not English and whose English language skills are minimal or developing. Students will build foundational skills in phonemic awareness, reading comprehension, and vocabulary development as they read leveled texts across a variety of content areas. Instruction also focuses on grammar, spelling, and the conventions of the English language, as well as developing conversational English for everyday communication. Through targeted language practice and engaging lessons, students will strengthen their fluency and confidence in both academic and social English.

OTH101 ELD (1 credit)

English Language Development (ELD) focuses on building students' skills in reading, writing, speaking, and understanding English. Students will read a variety of fiction and nonfiction texts to strengthen

comprehension and expand vocabulary. The course emphasizes improving reading fluency, spelling, and grammar while developing confidence and accuracy in communication. Through engaging lessons and activities, students will enhance their overall proficiency in the English language.

#### OTH102 Social Skills

*This course is offered to eligible students.*

The purpose of this course is to enhance social competence through explicit instruction of skills necessary to engage in successful communication, enhance self-awareness, and navigate the social world both in and out of the classroom atmosphere.

#### OTH692 Life Skills Work Skills

*This course is offered to eligible students.*

The course focuses on providing students with a curriculum that will help them obtain job skills that they can use in their future and add to their resume. The curriculum is based on the student's individual needs agreed to by the IEP team.

#### OTH698 Life Skills Transition

*This course is offered to eligible students.*

The course focuses on helping students develop skills necessary to become as independent as possible, based on their own unique needs. Students will learn skills associated with shopping in the community, staying within a budget, cooking, cleaning, hygiene and community safety. The curriculum is based on the student's individual needs agreed to by the IEP team.

#### OTH610 Communication Skills

*This course is offered to eligible students.*

This is a teacher-recommended class which provides autism support to special education students in order to build foundational skills for independence and meaningful social engagement, focusing on areas essential for navigating high school and beyond. Students will develop self-awareness and self-regulation strategies to manage emotions, while also enhancing social awareness and effective communication techniques for diverse situations. The goal is to empower students to advocate for their needs, build positive relationships, and thrive in academic and social settings.

#### OTH105 Self-Advocacy (0.5 credit)

*This course is offered to eligible students.*

This is a teacher-recommended class that teaches special education students how to effectively communicate their needs, opinions, rights in various settings, including academic, social, and future workplace environments. Students will work to develop skills in areas such as goal setting, assertiveness, self-awareness in order to become confident, informed decision-makers about their own lives and learning. The class aims to empower students to take responsibility for their educational path and personal success.

#### OTH103 Emotional Management (0.5 credit)

*This course is offered to eligible students.*

This teacher-recommended emotional management course equips special education students with practical strategies to identify, understand, and effectively regulate their emotions and reactions in challenging situations. Students will learn about conflict resolution, negative thinking habits, coping skills for stress and anxiety, and methods for building emotional resilience and self-awareness. The goal is to foster healthy emotional habits, improve interpersonal relationships, and support overall mental well-being throughout high school and beyond.

#### OTH104 Executive Functioning (0.5 credit)

*This course is offered to eligible students.*

This teacher-recommended executive functioning course is designed to teach special education students essential cognitive skills for planning, organizing, and completing tasks effectively. Students will be presented information on self-understanding, organization, time management, flexibility, taking initiative, attention, working memory, and persistence to improve academic performance and reduce stress. The goal is to empower students to become independent learners who can successfully manage complex projects and deadlines.

#### OTH500 Independent Living (1 credit)

*This course is offered to eligible students.*

Independent Living Skills helps students build the everyday skills they need to be more independent at home, at school, and in the community. Students practice things like cooking, shopping, managing money, cleaning, personal care, and social skills. The goal is to help them feel confident, make good choices, and prepare for life after high school.

#### OTH120 Workplace Skills (1 credit)

*This course is offered to eligible students.*

Workplace Skills 1 teaches students the social skills they need to be successful in a job setting. Students practice how to communicate with supervisors and co-workers, follow directions, work as part of a team, and show responsibility and respect in the workplace. The focus is on building confidence, positive work habits, hygiene, and understanding how to act in real job situations so students are better prepared for future employment.

#### ShipWorks

*This course is offered to eligible students.*

This course is designed for eligible 9th and 10th-grade students enrolled in the Intensive Learning Support curriculum. ShipWorks focuses on developing essential life skills and communication abilities that prepare students for future work experiences.

Throughout the course, students will participate in real-world volunteer placements where they can apply the skills learned in the classroom in authentic work settings. By the end of the course, students will have acquired the knowledge and confidence necessary to transition successfully into their first job.

#### OTH680 Work-Based Learning Experience - Supported

*This course is offered to eligible students.*

The supported work-based learning experience provides students with Individualized Education Programs (IEPs) the opportunity to gain real-world work experience while earning high school credit. Students may participate in either a full-time or part-time work placement based on their individual needs, goals, and schedules.

Through this program, students apply the skills they have learned in the classroom to meaningful job settings within the community. Each student will develop employability, communication, and problem-solving skills while learning workplace expectations such as responsibility, teamwork, and professionalism.

Students will be supervised and supported by both a school-based work-based learning supervisor and an on-site Employer Mentor. Progress and performance will be evaluated collaboratively by the employer and work-based learning supervisor, and students will receive a grade based on attendance, work performance, and achievement of individualized learning goals.

This course is designed to help students build confidence, independence, and readiness for future employment opportunities after high school.

#### **SASHS GIFTED PROGRAM -**

All students identified as a gifted student according to the Pennsylvania Department of Special Education regulations and criteria as administered by the Shippensburg Area School District will be given the opportunity to participate in appropriately designed activities during grades 9 through 12. These activities include mentorships, seminars, college course matriculation, advanced course offerings, Advanced Placement course offerings, and other programs articulated by the Senior High School Gifted Program Coordinator. Information concerning this program is available from the Gifted Program Coordinator, and can be contacted at 530-2730. Written information may be obtained at the SASHS Guidance Office or the Special Education Office at the SASD Administration Building on North Morris Street.

#### **NON-TRADITIONAL PROGRAMS OF STUDY -**

The purpose of a non-traditional program of study is to provide individual students, in unusual circumstances, reasonable choices for satisfactory completion of their education. The following options are provided to supplement the regular program of studies and to enhance educational opportunities for students.

##### **BLENDED/HYBRID**

Blended/Hybrid courses will be offered to students who are self-motivated and have excellent time management skills to complete work independently. Students in blended/hybrid courses will have flexibility in when and where their learning occurs after a transitional period. These courses will be scheduled during block 1 or 4 so that students can arrive late or leave early if they are not dependent on district transportation. Students dependent on district transportation will remain at school in the classroom.

#### **COLLEGE GUIDELINES & PROCEDURES -**

Dual enrollment allows our high school students to earn both college credit and high school credits at the same time. This option is designed to meet the academic, vocational, and personal needs of our high school juniors and seniors. The following are the guidelines and procedures for such college course enrollment:

1. Any student wishing to apply for enrollment in a college level course must have indicated to their guidance counselor or the dual enrollment coordinator their desire to do so by the following dates, to ensure that a course is available at their campus of choice:  
Semester I - March 1 (of the previous year)  
Semester II - October 1 (of the current year)  
These dates are required in order to complete all necessary supporting documentation and requirements prior to college scheduling deadlines. Requests after these dates may be considered; but course selections will be limited.
2. Admittance to a dual enrollment program is not guaranteed and is determined by the college issuing the dual enrollment credit. Due to college admission requirements, only students who have completed grade 10 may participate in this program option. All specific college admission requirements must be met in order to be enrolled.
3. Students must be enrolled in at least four courses at the high school in any year that they are also concurrently enrolling in a college course.
4. Enrollment in a college class may be used in lieu of a high school course if approved by the principal prior to enrollment. It is understood that the letter grade earned by the student will be included in the student's high school cumulative grade point average. Each successfully completed



college course will earn the student one high school credit. Student participation in such college level courses will be noted on all high school transcripts issued by the school.

5. College classes are weighted on a similar scale as high school courses. Introductory courses (generally 100-150), which do not have a prerequisite, are given an academic course weighting. Courses which have a prerequisite, which must be met (generally mid 150 level courses), carry a Honors weight. Courses at 200 level and above, carry an AP weight. A complete list of weighted courses varies by university. Questions regarding weighting can be directed to the dual enrollment coordinator.
6. The enrollment and scheduling of dual enrollment courses will be completed through the dual enrollment coordinator in conjunction with a student's guidance counselor.
7. Arranging transportation for students approved for participation shall be the responsibility of the parent/guardian.
8. All costs associated with the enrollment in a college course are the responsibility of the student, unless provisions are stipulated in an IEP/GIEP. These costs include tuition, fees, parking permits, textbooks & supplies.
9. Any exceptions to these policies must be in writing through a GIEP or appeal. Appeals regarding this policy should be directed to the Dual Enrollment Coordinator, High School Principal, Director of Curriculum and Instruction, the Superintendent and the Board of School Directors, in that order.

#### **INDEPENDENT STUDY -**

The following procedures shall be followed in applying for an independent study that is to be included in the school's regular program of studies during the regular school day and under the supervision of a faculty member:

1. A conference with the student, appropriate faculty member, the parent/guardian, the guidance counselor, and the principal shall be held in a timely manner to consider the feasibility and advisability of this program option.
2. A written contract shall be developed to assure that a course of study and appropriate supervision are provided and a determination of credit to be earned is established according to the State and District guidelines. It is understood that the scheduling of this option will be determined by the principal after reviewing the faculty member's teaching assignment and extra-duty assignments. Faculty members will be providing this instruction on a voluntary basis.
3. Specific procedures to be followed by students requesting this option are available from the guidance office. All appeals to this procedure should be directed to the Director of Curriculum and Instruction, the Superintendent, and the Board of School Directors, in that order.

#### **SENIOR PRIVILEGE GUIDELINES -**

Senior Privilege is a benefit offered to 12th grade students who are on track for graduation and demonstrate responsible behavior. In order to maintain this privilege, students are expected to arrive and depart according to their schedule, consistently demonstrate good attendance, and maintain passing grades in all classes.

Note: Senior privilege is not a right; it is a benefit extended to students who have earned the trust to use the time responsibly. Students who fail to meet expectations will have the privilege removed and be scheduled for a full instructional day.

#### Expectations:

- Students must comply with all school attendance policies.
- Students using senior privilege to arrive late or leave early are expected to:

- Be on time for all scheduled classes.
- Exit or enter the building promptly as indicated on their schedule.
- Avoid loitering in hallways, parking lots, or other areas.
- Students must be passing **all classes** to maintain eligibility for senior privilege.

#### Monitoring & Accountability:

- Attendance and academic performance are regularly monitored by administration.
- Unexcused tardies, unexcused absences, or failing grades will place a student's senior privilege at risk.

#### Loss of Privilege:

- **Warning:** Students will be notified that they are in danger of losing the privilege once they accumulate **4 unexcused absences and/or 4 unexcused tardies in a semester**, or if they are failing a class at any point in the marking period.
- **Revocation:** As soon as a student reaches **6 unexcused absences and/or 6 unexcused tardies**, or if a student is failing one or more classes at the end of a marking period or semester, senior privilege will be revoked. For the remainder of the marking period, the student will be assigned to a study hall. If the student has a second marking period of Senior Privilege, another class will be assigned.

#### Restoration of Privilege:

- A student may request reinstatement of senior privilege after a minimum of **3 weeks** with improved attendance and passing grades in all classes.
- Students who have a second semester of Senior Privilege will be able to keep this privilege if they demonstrate improved attendance and academic standing in the current semester.
- Reinstatement will be determined at the discretion of administration.

### **CAREER & TECHNOLOGY EDUCATION -**

#### **Franklin County Career and Technology Center (CareerTech)**

*Students at SASHS may enroll in courses at CareerTech by applying online at [franklinctc.com](http://franklinctc.com) by January of their 9th grade year. Each year, students spend one semester at CareerTech studying their chosen program and one semester at SASHS taking academic subjects to fulfill graduation requirements. Students will receive technical training, employability skills, and academic proficiency. This will build a firm foundation for a career or pursuing post-secondary education. All students planning to attend the Franklin County Career and Technology Center (FCCTC) must have all required ninth grade core course credits successfully completed prior to grade 10 and must demonstrate a planned course of study for on-time graduation throughout their FCCTC career.*

*The following programs are available for students entering grades 10, 11, and 12:*

Academy	Available Programs
Construction	Building Construction Trades, Carpentry, Electrical Occupations, Heating Ventilation and Air Conditioning
Health Sciences	Allied Health, Dental Assisting, Fire & Rescue (Seniors only), Medical Assisting, Veterinary Assisting
Sales & Human Services	Cosmetology, Culinary Arts, Early Childhood Education, Graphic Communications, Landscaping & Horticulture, Marketing/Web Design, Protective Services
Transportation	Agricultural Mechanics, Automotive Collision Repair, Automotive Technology, Diesel Mechanics, Welding
Workforces	Workforce Development (mainly seniors only)

**Benefits** – Students experience industry based learning that may lead to certifications. The courses allow students to gain high level skills to pursue a high wage occupation. During the senior year, the cooperative education program allows students to work in a paid position to extend and reinforce classroom learning to the

real-world environments.

**College Credit Options** – Students may take advantage of one or more of the ways to earn college credits:

*Dual Enrollment/ College in the High School Programs* – This program allows qualified students to earn credits from the college and the high school at the same time. These college level classes are offered during the school day and are taught by the CareerTech program instructors. College credits earned counts towards a degree program at the college or transferred to another college. The following programs offer 1 – 14 credits:

College	Cost	Program
Harrisburg Area Community College	\$83.50/ credit	Electrical Occupations, Heating Ventilation and Air Conditioning, and Mechatronics
PA College of Technology	FREE	Allied Health, Carpentry, Machining Technology, Electronics, Engineering, Landscaping & Horticulture, Marketing/ Web Design, Medical Assisting, Welding
Harrisburg University	TBA/ credit	Information Systems Technology

*Statewide Articulation Agreements, SOAR* – Students Occupationally and Academically Ready. SOAR articulates skills and tasks gained at the high school level to course credit earned in a post-secondary college degree, diploma, or certificate program. Qualifying students receive FREE credit from the college upon admission. Most CareerTech programs offer this program with 21 Pennsylvania and Maryland colleges. These students may articulate 1 – 21 credits.

*Direct Articulation Agreements* – CareerTech has 25 programs with agreements with the following: Academy for Media Productions, Culinary Institute of America, Delaware Valley University, Hagerstown Community College, Harcum College, Harrisburg Area Community College, Penn West California University, St. Francis Univ., Thaddeus Stevens College of Technology, University of Northwestern Ohio, and Wilson College. Students articulate skills and tasks gained at CareerTech to course credit earned in a postsecondary college degree, diploma or certificate program. Qualifying students receive FREE credit from the college upon admission. These students may articulate 1.5 – 18 credits.

*NOCTI College Credit Recommendation* – Students who score 70% or higher on approved credentials are eligible for college credit recommendations. A free College Credit Recommendation Report is generated for each eligible student to share with the college or university they are interested in attending. There are 63 cooperating colleges and universities in Pennsylvania, and over 1,300 nationwide. These students may be eligible for 1 – 6 credits.

**Learn More** – To view the CareerTech course catalog, watch program videos, learn about certifications, and find out more about college credit opportunities, visit [www.franklinctc.com](http://www.franklinctc.com).



### Career & Technology Education

The Career and Technology Center will enable students interested in the various occupational and professional areas to spend a semester each at Shippensburg Area Senior High School and at the Franklin County Career and Technology Center in Chambersburg. Transportation to the Career and Technology Center is provided.

### Career Technical Curriculum at SASHS

All students first learn about the Franklin County Career and Technology Center while at the Shippensburg Area Middle School. Students learn more about the Career and Technology Center in 9th grade and can choose to tour the school before deciding if they wish to apply. To be eligible for admission to the Franklin County Career and Technology Center as a grade 10 student, the student must have successfully completed grade 9.

Academic achievement, discipline, and attendance patterns are reviewed to determine whether the prospective student has the ability, aptitude, and interest needed to master the skills and knowledge to be successful in a vocational or technical program. Because of the quota system or the designated allotment of available spaces in each program and the popularity of some of the programs, not all students applying can be accepted.

The FCCTC utilizes an online application for admissions. The online application can be found at [www.franklinctc.com](http://www.franklinctc.com). Initial consideration will be given to students who apply by mid-January for the following school year. Appropriate consideration will be given to students who are members of special populations and those students who have individualized education plans (IEP's). Students who have gained at least a 2.00 Cumulative Grade Point academic average in their high school career, experience the greatest success at the Career Technology Center. Those students who are accepted will attend the Franklin County Career and Technology Center for their technical training for one semester of each year and the high school for their academic education during the other semester of each year.

Seniors attending the Career Technology Center may be selected to go on a cooperative work experience during their semester at the Career Center. This cooperative work experience is contingent upon the approval of the student's shop teacher, parent, prospective Co-op provider, home school and Career Tech Co-op Coordinator. Students who are not accepted will be provided with information that identifies vocational courses that are offered at the high school. Students who are not granted admission to the Franklin County Career and Technology Center are encouraged to take related courses here at the high school through our computer & information technology, agriculture, technology education or family & consumer science department, and/or adult options at the Career Center.

### College in the High School

The Franklin County Career and Technology Center (FCCTC) along with the Harrisburg Area Community College (HACC) and The Pennsylvania College of Technology (PCT) have a cooperative agreement that allows career center students to earn up to 14 college credits while enrolled in their select career and technical programs. Instruction is delivered by FCCTC instructors serving as HACC and/or PCT approved adjunct faculty. The courses follow the college requirements regarding course outlines, textbooks and academic standards. College in the high school technology credits may be applied toward specific associate degree, certificate or diploma programs at HACC and/or PCT. Students who plan to attend other colleges will need to verify transferability of credits with that institution. Students interested in college in the high school should contact a SASHS or FCCTC counselor for more details.



# ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at [eligibilitycenter.org](https://eligibilitycenter.org). Plan to register before your freshman year of high school (or year nine of secondary school). Visit [on.ncaa.com/RegChecklist](https://on.ncaa.com/RegChecklist) to help guide you through the registration process.

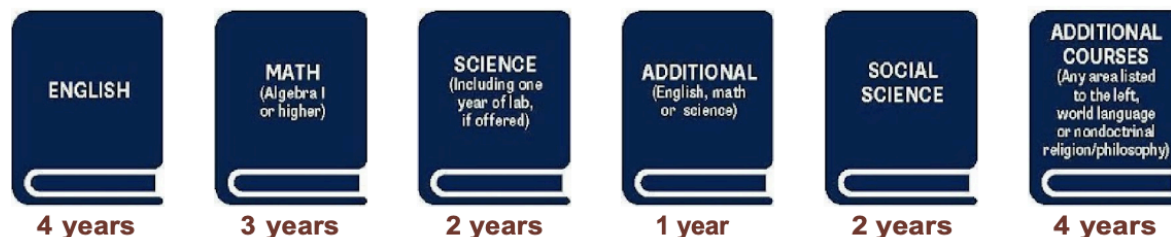
## ACADEMIC REQUIREMENTS

To study and compete at a Division I or II school, you must earn 16 NCAA-approved **core-course credits**, earn a minimum 2.3 (Division I) or 2.2 (Division II) **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.

## CORE-COURSE REQUIREMENTS

### DIVISION I

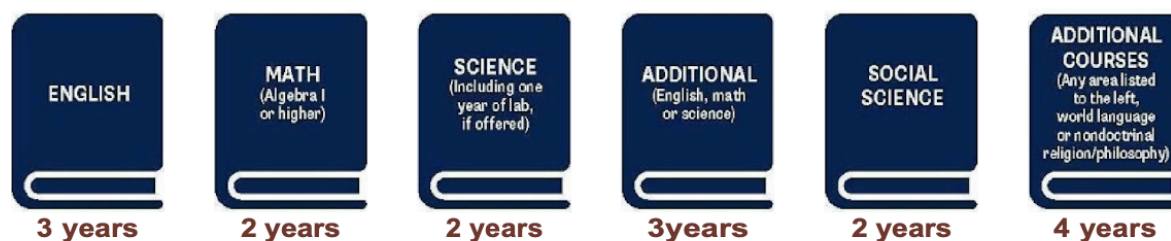
Earn 16 NCAA-approved core-course credits in the following areas:



For Division I, 10 of your 16 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math or science.

### DIVISION II

Earn 16 NCAA-approved core-course credits in the following areas:



## GRADE-POINT AVERAGE

The Eligibility Center calculates your **core-course GPA** based on the grades you earn in NCAA-approved core courses.

• Division I requires a minimum 2.3 core-course GPA.

• Division II requires a minimum 2.2 core-course GPA.

### DIVISION III

While **Division III schools** set their own admissions and academic requirements, **international student-athletes** (first-year enrollees and transfers) who initially enroll full time at a Division III school on or after Aug. 1, 2023, are required to complete an **Amateurism-Only Certification account**. Contact the Division III school you plan to attend for more information about its academic requirements.

*\*More information regarding the impact of COVID-19 can be found at [on.ncaa.com/COVID19\\_Spring2023](https://on.ncaa.com/COVID19_Spring2023).*



## GRADE 9 REGISTER

- » Start planning now! Register for a free Profile Page account at [eligibilitycenter.org](https://eligibilitycenter.org) for information on NCAA initial-eligibility requirements.
- » Find your high school's list of NCAA-approved core courses at [eligibilitycenter.org/courselist](https://eligibilitycenter.org/courselist) to ensure you are taking the right courses and earn the best grades possible!

## GRADE 10 PLAN

- » If you are being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the right **Certification account**.
- » Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

## GRADE 11 STUDY

- » Ensure your **sports participation** information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you are on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.
- » At the end of the school year, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.

## GRADE 12 GRADUATE

- » **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at [eligibilitycenter.org](https://eligibilitycenter.org).
- » Complete your final NCAA-approved **core courses** as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.

\*More information regarding the impact of COVID-19 can be found at [ncaa.org/COVID19\\_Spring2023](https://ncaa.org/COVID19_Spring2023).

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

### 9<sup>TH</sup> GRADE

(1) English  
(1) Math  
(1) Science  
(1) Social Science  
and/or additional

**4 CORE COURSES**

### 10<sup>TH</sup> ADE 11<sup>TH</sup>:ADE 12<sup>TH</sup> DE

(1) English  
(1) Math  
(1) Science  
(1) Social Science  
and/or additional

**4 CORE COURSES**

(1) English  
(1) Math  
(1) Science  
(1) Social Science  
and/or additional

**4 CORE COURSES**

(1) English  
(1) Math  
(1) Science  
(1) Social Science  
and/or additional

**4 CORE COURSES**

### CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):  
877-262-1492 - Monday-Friday,  
9 a.m. to 5 p.m. Eastern time

### SEARCH FAQ:

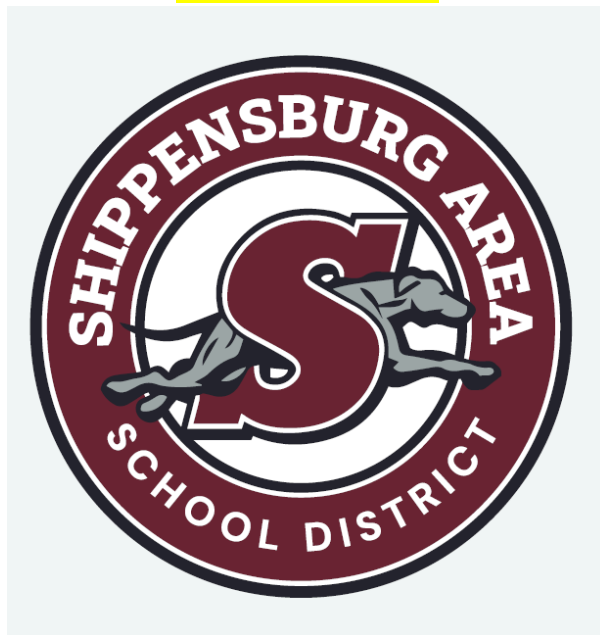
[ncaa.org/studentfaq](https://ncaa.org/studentfaq)

# Shippensburg Area Senior High School

Greyhounds

Program of Studies - Pathways & Scheduling Sheets

2026 - 2027



Engineering Pathway



## Secondary - Postsecondary Program of Study

Grade	General Education Core	Related/Recommended Electives (Grade levels are suggestions - see program of study for grade level & pre-requisite requirements)
9	<ul style="list-style-type: none"> <li>English 9 - 1 credit</li> <li>Math - 2 credits <i>Suggested Course: Algebra 1 Linear/ Quad OR Algebra 2 &amp; Geometry</i></li> <li>Science - 1 credit <i>Suggested Course: Earth Science &amp; Environmental Science OR Biology</i></li> <li>Government - 1 credit</li> <li>Health &amp; Physical Education 9 - 0.5 credit</li> <li>Practical Arts - 0.5 credit</li> <li>Humanities - 0.5 credit</li> <li>Technology Education - 0.5 credit</li> <li>Elective - 1 credit</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Humanities Course - <u>Drawing</u> - 0.5 credit</i></li> <li><i>Recommended Technology Education Course: <u>Design &amp; Prototyping</u> - 0.5 credit</i></li> <li><i>Recommended Practical Arts Course - <u>Computer Applications</u> - 0.5 credit</i></li> <li><i>Recommended Elective Credits - <u>CADD</u> (0.5 credit) &amp; <u>Engineering and Design Technology</u> (0.5 credit)</i></li> </ul>
10	<ul style="list-style-type: none"> <li>English 10 - 1 credit</li> <li>Math - 2 credits <i>Suggested Courses: Algebra II &amp; Geometry OR Pre-Calc</i></li> <li>Science - 1 credit <i>Suggested Courses: Biology OR Chemistry &amp; Environmental Science</i></li> <li>World History - 1 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Practical Arts - 0.5 credit</li> <li>Humanities - 0.5 credit</li> <li>Electives - 1.5 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Humanities Course - <u>Design</u> - 0.5 credit</i></li> <li><i>Recommended Practical Arts Course - <u>Agricultural Mechanics</u> - 0.5 credit</i></li> <li><i>Recommended Elective Credits - <u>Architectural Drawing</u> (0.5 credit) OR <u>Mechanical Drawing</u> (0.5 credit)</i></li> <li><i>Recommended Elective Credit - <u>Design and Prototyping II</u> - 0.5 credit</i></li> </ul>
11	<ul style="list-style-type: none"> <li>English 11 - 1 credit</li> <li>Math - 1 credit <i>Suggested Course: Pre-Calculus/ Honors Pre-Calculus or AP Calculus AB</i></li> <li>Science - 1 credit <i>Suggested Course: Honors Physics</i></li> <li>US History - 1 credit</li> <li>Personal Finance - 0.5 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Electives - 3 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Credit - <u>Experimental Design</u> - 0.5 credit</i></li> <li><i>Recommended Elective Credit - <u>The Science of Robotics</u> - 1 credit</i></li> <li><i>Recommended Elective Credit - <u>Manufacturing, Materials &amp; Processes</u> - 1 credit</i></li> </ul>
12	<ul style="list-style-type: none"> <li>English 12 - 1 credit</li> <li>Science - 1 credit <i>Suggested Course: AP Physics</i></li> <li>Math - 1 credit <i>Suggested Course: AP Calculus BC</i></li> <li>Economics - 0.5 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Electives - 6 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Credit - <u>Advanced Manufacturing, Materials &amp; Processes</u> - 1 credit</i></li> <li><i>Recommended Elective Credit - <u>AP Computer Science Principles</u> - 1 credit</i></li> <li><i>Other Recommended Options - <u>Networking Basics I</u> (0.5 credit)</i></li> <li>Dual - Enrollment</li> <li>Work-Based Learning Experience</li> </ul>

## Animal Science Pathway

### Secondary - Postsecondary Program of Study

Grade	General Education Core	Related/ Recommended Electives (Grade levels are suggestions - see program of study for grade level & pre-requisite requirements)
9	<ul style="list-style-type: none"> <li>English 9 - 1 credit</li> <li>Math - 2 credits <i>Suggested Course: Algebra 1 Linear/Quad OR Algebra 2 &amp; Geometry</i></li> <li>Science - 1 credit <i>Suggested Course: Earth Science &amp; Environmental Science OR Biology</i></li> <li>Government - 1 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Practical Arts - 1 credit</li> <li>Humanities - 0.5 credit</li> <li>Technology Education - 0.5 credit</li> <li>Elective - 0.5 credit</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Practical Arts Course - <u>Agricultural Science</u> - 0.5 credit</i></li> <li><i>Recommended Practical Arts Course - <u>Equine Science</u> - 0.5 credits</i></li> <li><i>Recommended Elective Course - <u>Companion Animal Care I</u> - 0.5 credits</i></li> </ul>
10	<ul style="list-style-type: none"> <li>English 10 - 1 credit</li> <li>Math - 1 credit <i>Suggested Course: Geometry</i></li> <li>Science - 1 credit <i>Suggested Course: Biology OR Chemistry &amp; Environmental Science</i></li> <li>World History - 1 credit</li> <li>Health and Physical Education - 0.5 credit</li> <li>Humanities - 0.5 credit</li> <li>Electives - 3 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Course - <u>Companion Animal Care II</u> - 0.5 credits</i></li> <li><i>Recommended Elective Course - <u>Wildlife Management</u> - 0.5 credits</i></li> </ul>
11	<ul style="list-style-type: none"> <li>English 11 - 1 credit</li> <li>Math - 1 credit <i>Suggested Course: Probability &amp; Statistics or College Algebra</i></li> <li>Science - 1 credit <i>Suggested Course: Anatomy &amp; Physiology</i></li> <li>US History - 1 credit</li> <li>Personal Finance - 0.5 credit</li> <li>PE &amp; Health - 0.5 credit</li> <li>Electives - 3 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Course - <u>Veterinary Science &amp; Technology</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Production Animal Science</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Agricultural Leadership &amp; Supervised Agricultural Experience</u> - 1 credit</i></li> </ul>
12	<ul style="list-style-type: none"> <li>English 12 - 1 credit</li> <li>Economics - 0.5 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Electives - 6 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Course - <u>Climate &amp; Weather Studies</u> - 0.5 credits</i></li> <li><i>Recommended Elective Course - <u>Plants &amp; Animals of Pennsylvania</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Agribusiness Management</u> - 0.5 credit</i></li> <li><i>Work-Based Learning Experience</i></li> <li><i>Dual - Enrollment</i></li> </ul>

**Business Pathway**  
 Secondary - Postsecondary Program of Study

Grade	General Education Core	Related/ Recommended Electives (Grade levels are suggestions - see program of study for grade level & pre-requisite requirements)
9	<ul style="list-style-type: none"> <li>English 9 - 1 credit</li> <li>Math - 2 credits <i>Suggested Course: Algebra 1 Linear/ Quad OR Algebra 2 &amp; Geometry</i></li> <li>Science - 1 credit <i>Suggested Course: Earth Science &amp; Environmental Science OR Biology</i></li> <li>Government - 1 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Practical Arts - 0.5 credit</li> <li>Humanities - 0.5 credit</li> <li>Technology Education - 0.5 credit</li> <li>Elective - 1 credit</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Practical Arts Course - <u>Computer Applications I</u> - 0.5 credit</i></li> <li><i>Recommended Humanities Course - <u>Design</u> - 0.5 credit</i></li> <li><i>Recommended Technology Education Course - <u>Introduction to Programming</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Spanish I OR French I</u> - 1 credit</i></li> </ul>
10	<ul style="list-style-type: none"> <li>English 10 - 1 credit</li> <li>Math - 1 credit <i>Suggested Course: Geometry OR Algebra II OR Pre-Calc</i></li> <li>Science - 1 credit <i>Suggested Course: Biology OR Chemistry &amp; Environmental Science</i></li> <li>World History - 1 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Humanities - 0.5 credit</li> <li>Electives - 3 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Humanities Course - <u>Media Arts</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Computer Applications II</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Entrepreneurship</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Sports &amp; Entertainment Marketing</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Accounting I</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Spanish II OR French II</u> - 1 credit</i></li> </ul>
11	<ul style="list-style-type: none"> <li>English 11 - 1 credit</li> <li>Math - 1 credit <i>Suggested Course: Algebra II OR Pre-Calc OR Applied Calculus</i></li> <li>US History - 1 credit</li> <li>Personal Finance - 0.5 credit</li> <li>Economics - 0.5 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Electives - 4 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Course - <u>Accounting II</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Spanish III OR French III</u> - 1 credit</i></li> <li><i>Recommended Elective Course - <u>Psychology</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Sociology</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Agribusiness Management</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Advanced Design or Media Arts II</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Spanish III OR French III</u> - 1 credit</i></li> </ul>
12	<ul style="list-style-type: none"> <li>English 12 - 1 credit</li> <li>Math - 1 Credit <i>Suggested Course: AP OR Applied Calculus</i></li> <li>AP Economics - 1 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Electives - 4.5 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Course - <u>Accounting III</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Spanish IV OR French IV</u> - 1 credit</i></li> <li>Work-Based Learning Experience</li> <li>Dual - Enrollment</li> </ul>

## Secondary - Postsecondary Program of Study

Grade	General Education Core	Related Electives
9	<ul style="list-style-type: none"> <li>English 9 - 1 credit</li> <li>Math - 2 credits <i>Suggested Course: Algebra 1 Linear/ Quad OR Algebra 2 &amp; Geometry</i></li> <li>Science - 1 credit <i>Suggested Course: Earth Science &amp; Environmental Science OR Biology</i></li> <li>Government - 1 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Practical Arts - 0.5 credit</li> <li>Humanities - 1 credit</li> <li>Technology Education - 0.5 credit</li> <li>Elective - 0.5 credit</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Humanities Course - <u>Spanish I or French I</u> - 1 credit</i></li> <li><i>Recommended Practical Arts Course - <u>Family Consumer Science</u> - 0.5 credit</i></li> <li><i>Recommended Technology Education Course - <u>Home Repair and Improvement Lab</u> - 0.5 credit</i></li> </ul>
10	<ul style="list-style-type: none"> <li>English 10 - 1 credit</li> <li>Math - 1 or 2 credits <i>Suggested Course: Algebra II &amp; Geometry OR Pre-Calc OR College Algebra</i></li> <li>Science - 2 credits <i>Suggested Course: Biology AND Chemistry</i></li> <li>World History - 1 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Practical Arts - 0.5 credit</li> <li>Electives - 2 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Practical Arts Course - <u>Nutrition &amp; Foods</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Psychology</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Sociology</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Spanish II or French II</u> - 1 credit</i></li> </ul>
11	<ul style="list-style-type: none"> <li>English 11 - 1 credit</li> <li>Math - 1 credit <i>Suggested Course: Probability &amp; Statistics OR College Algebra OR Pre-Calc OR AP Calculus AB</i></li> <li>Science - 1 credit <i>Suggested Course: Anatomy &amp; Physiology</i></li> <li>US History - 1 credit</li> <li>Personal Finance - 0.5 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Electives - 3 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Course - <u>Nutrition &amp; Foods II</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Child Development</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Experimental Design</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Forensics</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Spanish III or French III</u> - 1 credit</i></li> </ul>
12	<ul style="list-style-type: none"> <li>English 12 - 1 credit</li> <li>Math - 1 credit <i>Suggested Course: AP Calculus BC OR Probability &amp; Statistics</i></li> <li>Science - 1 credit <i>Suggested Course: AP Biology</i></li> <li>Economics - 0.5 credit</li> <li>Health &amp; Physical Education - 0.5 credit</li> <li>Electives - 4 credits</li> </ul>	<ul style="list-style-type: none"> <li><i>Recommended Elective Course - <u>Physics</u> - 1 credit</i></li> <li><i>Recommended Elective Course - <u>Sports &amp; Health Issues</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Water Safety &amp; Sports</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Child Development II</u> - 0.5 credit</i></li> <li><i>Recommended Elective Course - <u>Spanish IV or French IV</u> - 1 credit</i></li> <li><i>Dual Enrollment</i></li> <li><i>Chambersburg Hospital Health Career Institute</i></li> <li><i>Work Based Learning</i></li> </ul>

9th Grade Selection Guide 2026/ 2027

All students must select a total of 8 credits and 3 ALTERNATE courses.

**Important Notes:** If it is not possible to schedule a student for the 2 elective credits that they have selected as their first choice, students will be scheduled for a course which they have selected as an alternate. It is recommended that a student select at least 2 additional alternative courses. If no alternative courses are indicated, students will be scheduled for the first available elective.

9th Grade Required Courses	Required Credits	Practical Arts  Graduation Requirement: 1.0 credit	Humanities  Graduation Requirement: 1.0 credit	Technology Education  Graduation Requirement: 0.5 credit
English 9	1 credit	Agriculture (All courses are 0.5 credit)	Family Consumer Science (All courses are 0.5 credit)	World Language (All courses are 1 credit)
Math	1 or 2 credits	Agriculture Science	Family Consumer Science	Music (These courses are 1 credit)
Science	1 credit	Agricultural Mechanics	Career Exploration	French I
Government	1 credit	Companion Animal Care I	Computer Applications I	Engineering and Design Technology
Health & Physical Education	0.5 credit	Equine Studies	Computer Applications II	Home Repair and Improvement Labs
		Introduction to Horticulture	Accounting I	Design and Prototyping I
			Accounting II	Design and Prototyping II
			Entrepreneurship	CADD
Total Prebouded Credits	4.5 or 5.5			Networking Basics I
		<b>Health &amp; Physical Education Electives</b>		
		Note: Health Ed Physical Education 9 are pre-requisites for these courses. (All courses are 0.5 credit)		
		Creative Movements		
		Lifeline Sports		
		Water Safety & Sports		
		Team Sports I		
		<b>English Electives</b>	Mathematics Sequences	
		(All courses are 0.5 credit)	8th Grade	9th Grade
		Creative Writing	1	Alg. 1 Linear & Quadratics
			2	Alg. 1 Quad (optional adding Geometry
			3	Honors Geometry (optional adding Honors Algebra II)

All students must select a total of 8 credits and 3 ALTERNATE courses.

**Important Notes:** If it is not possible to schedule a student for the 2 elective credits that they have selected as their first choice, students will be scheduled for a course which they have selected as an alternate. It is recommended that a student select at least 2 additional alternative courses. If no alternative courses are indicated, students will be scheduled for the first available elective.

Drivers Education - 0.5 credit
JROTC - 3 credit



All students must select a total of 8 credits and 3 ALTER NATE courses.

**Important Notes:** If it is not possible to schedule a student for the 2 elective credits that they have selected as their first choice, students will be scheduled for a course which they have selected as an alternate. It is recommended that a student select at least 2 additional alternative courses. If no alternative courses are indicated, students will be scheduled for the first available elective.

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All students must select a total of 8 credits and 3 ALTERNATE courses.

All students must select a total of 8 credits and 3 ALTERNATE courses.

**Important Notes:** If it is not possible to schedule a student for the 2 elective credits that they have selected as their first choice, students will be scheduled for a course which they have selected as an alternate. It is recommended that a student select at least 2 additional alternative courses. If no alternative courses are indicated, students will be scheduled for the first available elective.

12th Grade Recommended Courses	Recommended Credits	Practical Arts Graduation Requirement: 1.0 credit	Humanities Graduation Requirement: 1.0 credit	Technology Education Graduation Requirement: 0.5 credit
English 12	1 credit	Agribusiness (All courses are 0.5 credit)	Business (All courses are 0.5 credit)	Computer Science (All courses are 0.5 credit)
Math	1 credit	Agribusiness Science	Career Exploration	Engineering and Design Technology
Science	1 credit	Agribusiness Mechanics	Computer Applications I	Honors Repair and Improvement Lab
Health & Physical Education 12	0.5 credit	Comparative Animal Care I	Computer Applications II	Design and Prototyping I
Electronics	0.5 credit	Comparative Animal Care II	Accounting I	Computer Programming II
Total Prerequisite Credits	3.5 credits	Production Animal Science	Accounting II	AP Computer Principles - 1 credit
		Equine Studies	Accounting III	
		Introduction to Horticulture	Entrepreneurship	CAADD
Mathematics Courses (1 credit each, be sure to check the prerequisites)				Manufacturing Materials & Processes - 1 credit
Geometry		Small Gas Engines	Yearbook	"Anything below this point has prerequisite"
Honors Geometry		Wildlife Management	Sports & Eventual Event Management	Mechanical Drawing - 1 credit
Applied Mathematics		Agribusiness Management		Architectural Drawing - 1 credit
Algebra II		Agribusiness Leadership		Advanced Manufacturing Materials & Processes - 1 credit
Honors Algebra II		Wet Science - Perceptions of Comparative Animal Care or Production Animal Science		
College Algebra				
Precalculus				
Honors Precalculus				
Applied Calculus				
Probability & Statistics				
AP Calculus AB				
AP Environmental Science				
Organic Chemistry				
AP Calculus AB				
Chemistry in the Physical World				
Pharm & Animals of Pennsylvania				
Humanities Financial Math				
Trigonometry				
English Sequence - Recommended				
11th Grade				
AP Language & Composition				
Academic English 11				
English 11				