

# COMMODORE PERRY SENIOR HIGH SCHOOL

## Grades 9-12

### Student Course Selection 2025-2026

#### INTRODUCTION

The following pages describe Commodore Perry High School's program of studies and provide related information. This packet should be utilized when you are planning your course selections for grades 9-12. All of the information that you should need in selecting your courses for next year is in this packet. Read it over thoroughly and carefully and share it with your parents/guardians.

You are asked to think about some of the principles that should guide your thinking in your choice of curriculum. Refer to the current Academic and Career Plan that you previously developed with your school counselor. What career path will you take? Does your plan include attending a college or university, a technical or trade school, entering an apprenticeship, joining the military, immediately entering the workforce or a combination of these? In choosing your courses, consider your skills and abilities and the requirements associated with the career path you would like to take. Which courses will benefit you the most? Do not be influenced by the difficulty of a subject or by personal likes or dislikes of your friends. You are planning your future!

Your school counselor, teachers, and administrators are available to assist in whatever way may be appropriate to facilitate a successful and rewarding school experience for you. Personal information about achievement, aptitude, and interests is gathered and available for each student. See your school counselor periodically about your progress to ensure that your courses are appropriate and in keeping with your Academic and Career Plan. Proper course selection is vital!

Mandy Palko  
Guidance Counselor

Complete 25 credit hours to include the following required units of credit:

- a. Four (4) credits prescribed English
- b. Four (4) credits prescribed Social Studies
- c. Three (3) credits Mathematics
- d. Three (3) credits Science – must include Biology and Chemistry (The third science credit must include a lab.)
- e. Two (2) credits Unified Block in 9<sup>th</sup> and 10<sup>th</sup> grade

**\*Students who do not pass any component of the unified block courses in Grade 9 & 10 will be required to make-up the course through an independent project as assigned by the instructor.** f. Nine (9) credits Fine and/or Practical Arts (may elect from English, Social Studies, Chorus, Band, Art, World Languages, Technical Education, Family & Consumer Sciences, and Physical Education) g. Graduation requirements will include a graduation project (see following page for requirements) and completion of the **Algebra I, Biology, and Literature** Keystone Exams.

**Students** will be required **25 credits** for graduation.

\*\*\*\*Each Student **MUST** register for a minimum of **6.5** full-time subjects. A full-time subject is one, which meets one period each day of the week. Students who fail to select the minimum number of credits will automatically be assigned to classes.

\*\*\*\* Changes will not be made after school begins except for the following reason:

- (a) A conflict in the schedule
- (b) A change in career plan that requires the addition of higher level courses.
- (c) Any other change deemed appropriate by school staff.

### **Grade and Percentage Point Scale Value:**

**A+ = 100 - 98 4.0 - 3.8 D+ = 70 - 68 1.0 - 0.8**

**A = 97 - 94 3.7 - 3.4 D = 67 - 64 0.7 - 0.4**

**A- = 93 - 91 3.3 - 3.1 D- = 63 - 61 0.3 - 0.1**

**B+ = 90 - 88 3.0 - 2.8 F = 60 & below**

**B = 87 - 84 2.7 - 2.4**

**B- = 83 - 81 2.3 - 2.1**

**C+ = 80 - 78 2.0 - 1.8**

**C = 77 - 74 1.7 - 1.4**

**C- = 73 - 71 1.3 - 1.1**

**Weighted Courses include a 5% addition to the earned grade.**

**College in the High School courses include a 10% addition to the earned grade.**

## **WEIGHTED COURSES AND NCAA-APPROVED COURSES**

### **College in the High School Courses**

When calculating Cumulative GPA and Class Rank, College in the High School courses will be weighted

by adding ten (.10) percentage points to the earned grade.

**College in the High School Courses include:**

Honors English 11	Pre-Calculus
Honors English 12	Probability and Statistics
Advanced Chemistry III	Calculus

**Weighted Courses**

When calculating Cumulative GPA and Class Rank, weighted courses will be weighted by adding five (.05) percentage points to the earned grade.

**Weighted Courses include:**

Advanced Chemistry	Psychology
Advanced Chemistry II	Sociology
Physics	The Law
Advanced Physics	Senior High Honors Band
America in Transition	Senior High Honors Concert Choir

**NCAA Approved Courses**

English 9	Government/Economics	Geometry
English 10	America in Transition	Algebra II
English 11	Psychology	Probability and Statistics
English 12	Sociology	Pre-Calculus
College Prep English 9	U.S. Wars Through Cinema	Calculus
College Prep English 10	Academic Biology	French I
Pre-Honors English 10	College Prep Biology	French II
College Prep English 11	Chemistry	French III
Honors English 11	Advanced Chemistry	French IV
College Prep English 12	Advanced Chemistry II	Science 11/12
Honors English 12	Advanced Chemistry III	Spanish I
Creative Writing	Botany & Zoology	Spanish II
U.S. Cultures 9	Physics	Spanish III
U.S. Cultures 10	Field Biology and Ecology	Spanish IV
World Cultures 11	Algebra I	

## **GRADUATION PROJECT REQUIREMENTS**

### **8<sup>th</sup> Grade**

#### *Graduation Project Plan*

- Completed during Graduation Project meetings with adviser

## **9<sup>th</sup> Grade**

### *Career Research Project*

- Completed in Futures 9 course

## **9<sup>th</sup> Grade – 12<sup>th</sup> Grade**

### *Job Shadow Experiences*

- 3 different approved Job Shadows
- Each Job Shadow must be at least 3 hours in length.
- Job Shadow Experiences Reflection Paper (1 paper reflecting on all three Job Shadows)

## **12<sup>th</sup> Grade**

### *Resume*

- Completed in English 12 course

### *Exit Interview*

- Completed in spring of students' senior year
- Seniors should dress professionally.
- Seniors should be prepared to answer questions about the Graduation Project and their individual education/career plans.

*-See Graduation Project Student Manual for more details.-*

## **2025 – 2026 NCAA ELIGIBILITY**

*The NCAA Eligibility Center will certify the academic and amateur credentials of all college-bound student-athletes who wish to compete in NCAA Division I or II athletics. The student-athlete is responsible for making sure they have taken the required approved core courses, the correct number of credits, has the minimum GPA and test scores to be NCAA eligible.*

<https://web3.ncaa.org/ecwr3/>

## **CORE COURSES**

- Check the approved courses from the program of studies to make certain that the courses you have taken are included on the list.
- 16 core courses are required for NCAA Division I eligibility. A GPA of 2.3 or above is required. ●
- 10 courses are required to be met before the beginning of the senior year for Division I.**
- 16 core courses are required for NCAA Division II eligibility. A GPA of 2.2 or above is required.

### **DIVISION I (16 Core Courses)**

- 4 years of English
- 3 years of Mathematics (**Algebra I or higher**)
- 2 years of Natural/Physical Science (**1 year of lab if your school offers it**)
- 1 year of additional English, math or natural/physical science
- 2 years of Social Science
- 4 years of Electives (languages, areas listed above, or comparative courses that are approved)

### **DIVISION II (16 Core Courses)**

- 3 years of English
- 2 years of Mathematics (**Algebra I or higher**)
- 2 years of Natural/Physical Science (**1 year of lab if your school offers it**)
- 3 years of additional English, math or natural/physical science
- 2 years of Social Science
- 4 years of Electives (languages, areas listed above, or comparative courses that are approved)

### **GRADE-POINT AVERAGE**

Refer to the NCAA Eligibility Center Quick Reference Guide to see all information about Grade Point Average, Test Scores, and Core Courses.

### **TEST SCORES**

Please refer to the NCAA Eligibility Center Quick Reference Guide for test scores and GPA requirements for both Division I and Division II schools. Students are responsible for sending their scores directly to the NCAA from the respective testing agency.

### **THE ACCELERATED/HONORS SEQUENCE OF STUDIES**

The accelerated and honors curriculums prepare students for admission to four-year colleges, and a variety of two-year degree programs. Colleges or universities generally require applicants for admission to present four (4) credits in English, four (4) credits in Social Studies, three (3) credits in Mathematics, three (3) credits in Science, two (2) or three (3) credits in a World Language and one (1) credit in Health and Physical Education. The remaining credits should be elected in the fields of science, mathematics, world languages, business, or arts.

<b><u>Grade 9</u></b>	<b><u>Credits</u></b>	<b><u>Grade 11</u></b>	<b><u>Credit</u></b>
College Prep English	1.0	Honors English 11	1.0



College Prep English 9	1.0	College Prep English	1.0
U. S. Cultures 9	1.0	W. Cultures 11	1.0
Academic or College Prep Biology	1.0	Bot & Zoo, Physics, or Science 11/12	1.0
Algebra I or Geometry	1.0	Adv. Chemistry II (Elective)	1.0
Unified Block	1.0	Mathematics 11, Topics of Math	
(Health 9 and Phys Ed 9, Computer 9, Futures 9)		Geometry, Algebra II, Pre-Calculus	1.0
Electives	1.5	Electives	1.5
	—		—
	6.5		6.5

<b><u>Grade 10</u></b>	<b><u>Credits</u></b>	<b><u>Grade 12</u></b>	<b><u>Credits</u></b>
College Prep English 10	1.0	College Prep English 12	1.0
U. S. Cultures 10	1.0	American Government/ Economics	1.0
Chemistry or Adv.Chemistry	1.0	Field Biology, Adv. Chemistry II,	1.0
Algebra I,	1.0	Chemistry III, Physics,	
Geometry, Algebra II		Adv. Physics, or Sci 11/12	
Unified Block	1.0	Geometry, Algebra II,	1.0
(Health 10, Phys. Ed 10, Personal Finance)		Pre-Calculus, Calculus	
Electives	1.5	Electives	2.5
	—		—
	6.5		6.5

**RECOMMENDED TWO-YEAR CAREER CENTER PROGRAM**

<b><u>Grade 11</u></b>	<b><u>Credits</u></b>	<b><u>Grade 12</u></b>	<b><u>Credits</u></b>
English	1.0	English	1.0
Mathematics	1.0	Am. Government/Economics	1.0
Science 11/12, Botany & Zoology	1.0	Science 11/12, Botany & Zoology	1.0
World Cultures 11	1.0	Electives	2.0
Career Center	3.0	Career Center	3.0
	—		—
	7.0		7.0

## RECOMMENDED THREE-YEAR CAREER CENTER PROGRAM

<u>Grade 10</u>	<u>Credits</u>	<u>Grade 12</u>	<u>Credits</u>
English	1.0	English	1.0
U. S. Cultures 10	1.0	Am. Government /Economics	1.0
Chemistry	1.0	Science 11/12, Botany & Zoology	1.0
Mathematics	1.0	Electives	2.0
Unified Block (Health 10 and Phys Ed 10, Personal Finance)	1.0	Career Center	3.0
Career Center	3.0		
	—		—
	8.0		7.0
<u>Grade 11</u>	<u>Credits</u>		
English	1.0		
Mathematics	1.0		
Science 11/12, Botany & Zoology	1.0		
World Cultures 11	1.0		
Career Center	3.0		
	—		
	7.0		

### PROGRAMS OFFERED AT CAREER CENTER

Automotive Technology	Diesel Technology
Carpentry	Electrical Occupations
Collision Repair and Refinishing	Health Care Careers
Computer Information Technology	Logistics-Material & Supply Chain
Computer Programming	Management
Cosmetology	Service Occupations
Culinary Arts	Sports Medicine
Cyber Security Academy	Welding

#### Automotive Technology

Automotive Technology allows students to perform a wide range of diagnostics, repairs, and preventative maintenance on automobiles and light trucks. Students will gain the technical knowledge and skills to obtain an entry-level position and/or pursue postsecondary education. The program's curriculum enables students to develop basic knowledge through classroom theory lessons and acquire a core set of technical skills by applying



learned knowledge in hands-on shop experiences. Classroom lessons include lectures, reading and writing assignments, and demonstrations. The program's instruction includes the diagnosis and testing of malfunctions in and repair of engines, fuel, electrical, cooling, steering, suspension, and brake systems. Students also prepare to obtain certifications for PA Safety Inspection; Emissions Inspection; and Refrigerant, Recovery, and Recycling.

### **Carpentry**

Carpentry prepares students to obtain entry-level positions in the construction or wood industries, apprenticeships in trade unions, and/or to pursue enrolling in postsecondary institutions for degrees in construction, sales, or management. The program's curriculum enables students to develop a knowledge base through classroom theory lessons and acquire technical skills by applying learned knowledge in hands-on shop experiences. Classroom lessons include lectures, reading and writing assignments, demonstrations, individual/group projects, and activities. The program's instruction includes units on safety, hand and power tools, blueprint reading, framing, interior and exterior finish, construction materials, measuring, estimating, and building codes. Students also study technical mathematics, residential steel-framing, and cabinetmaking.

### **Collision Repair and Refinishing**

Collision Repair and Refinishing prepares students to obtain an entry-level position in the collision repair/refinishing field and/or to pursue postsecondary education. The curriculum enables students to develop technical knowledge and skills through real-world, hands-on shop experiences. The program will cover the entire repair and refinishing process from start to finish. The instruction will focus on key areas, including workplace skills, safety techniques, vehicle design and construction, structural and non-structural repairs, industry-related welding and fabrication, estimating, collision repair procedures, automotive painting, refinishing, and detailing. Students will learn all these skills in a state-of-the-art shop with industry-standard equipment. Students will be expected to read and understand complex instructions as well as using technology as an industry resource.

### **Computer Information Technology**

Computer Information Technology prepares students to obtain entry-level employment and provides a foundation for post-secondary success. The curriculum enables students to develop a core set of technical skills by applying learned knowledge in hands-on lab experiences. The program will provide students experience in the administration and support of computer networks. These include user and group management, server security, network sharing, operating systems, user and workstation security, help desk support, computer repair, and remote access. Students will focus their study on network technologies, network devices, network management, tools, and security. Computer Information Technology students will be expected to read and interpret complex instructions, technical literature, and solve a variety of technical problems.

### **Computer Programming**

The Computer Programming course focuses on the general writing and implementation of generic and customized programs that drive operating systems. This prepares students to apply the methods and procedures of software design and programming to software installation and maintenance. Computer Programming includes instruction in software design, low- and high-level languages and program writing, program customization and linking, prototype testing, troubleshooting, and related aspects of operating systems and networks. Students will study data types and expressions, designing functions, and graphic and image processing. As well as learn the software development process.

### **Cyber Security Academy**

The Cyber Security Academy is a specialized program designed for students who wish to pursue a career as security analysts, ethical hackers and cyber security technicians. Students will complete two years of foundational learning in computer information technology and computer programming. Building on the foundational curriculum, students will be prepared to take the next step into the world of cyber security. Year three students in the academy will experience advanced training in protecting and defending digital systems. Students will explore crucial topics such as threat analysis, vulnerability assessment, cryptography, and incident response, with a strong focus on real-world applications. They'll learn to safeguard networks against cyber-attacks, detect and neutralize threats, and implement security protocols to protect data and systems.

### **Cosmetology**

Cosmetology prepares students to become licensed cosmetologists in specialized and full-service salons. Students develop a knowledge base through classroom theory lessons while perfecting their clinical skills in the program's student operated salon. Classroom lessons include lectures, reading and writing assignments, demonstrations, individual and group projects, along with other activities. The program's instruction includes units on shampooing, conditioning, cutting and styling hair, chemical texture services, and hair coloring techniques. As well as hands on training offering facials, manicures, and pedicures. Personal safety, professionalism, and the sanitation and disinfection of equipment and facilities are emphasized. Students also study business management with a focus on managing a salon.

### **Culinary Arts**

Culinary Arts prepares students to obtain entry-level employment within institutional, commercial, and independently owned food establishments. This program also provides a foundation for students who wish to pursue acceptance into a postsecondary culinary program. The program's curriculum enables students to develop knowledge through classroom theory lessons and acquire culinary skills by applying learned knowledge in the program's fully equipped commercial kitchen and dining room. Classroom lessons include lectures, reading and writing assignments, demonstrations, individual/group projects and activities. The program's instruction includes units on use and care of utensils, food preparation equipment, safety, sanitation procedures, nutrition basics, and recipe preparation. Students develop and practice skills through hands-on activities and experiences related to planning, selecting, preparing, and serving quality food and food products.

### **Diesel Technology**

Diesel Technology prepares students to obtain entry-level employment and/or to pursue postsecondary education. The curriculum enables the students to develop basic knowledge through classroom theory lessons and acquire a core set of technical skills by applying learned knowledge in hands-on shop experiences. Classroom lessons include lectures, reading and writing assignments, and demonstrations. The program's instruction includes units on safety, diesel engine mechanics, suspension and steering, air/hydraulic brake systems, electrical and electronic systems, and preventive maintenance. Students develop skills for troubleshooting problems, disassembling, rebuilding and reassembling engines. Students apply principles to service electrical and electronic systems. There is also an emphasis on inspecting, repairing/replacing various systems' components, as well as performing preventive maintenance on medium/heavy vehicle systems.

### **Electrical Occupations**

Electrical Occupations prepares students to apply technical knowledge and skills necessary to install, operate, maintain and repair many electrical systems. These include: electrically energized residential, commercial and industrial systems, AC motors, as well as controls and electrical distribution panels. Instruction emphasizes practical application of circuit diagrams and the use of electrical codes. In addition, the curriculum also includes blueprint reading, sketching and other subjects essential for employment in the electrical occupations. Other critical components of the program are reading and interpretation of commercial/residential construction wiring codes and specifications, installation and maintenance of wiring, conduit hand and machine bending techniques along with service and distribution networks within large construction complexes.

### **Health Care Careers**

Health Care Careers prepares students to obtain entry-level positions in the health field and/or to pursue a postsecondary education. The program provides students with health career exploration activities, instruction of basic skills, and job shadow experiences. These activities are fundamental to all areas of health care. Students develop health care knowledge through classroom theory lessons while practicing health care skills in a laboratory setting. Classroom lessons include lectures, reading and writing assignments, demonstrations, and individual/group projects. The program's core instruction includes units on medical terminology, anatomy and physiology, basic clinical skills, aseptic techniques, OSHA regulations, and infection control.

### **Logistics – Material and Supply Chain Management**

Logistics and Materials Management is designed to prepare individuals for entry level employment in this industry. Students will learn and perform logistical functions associated with receiving, storing, and shipping goods along with fork lift training. Other key components include learning various systems and record keeping for supply chain management. Students with good attention to detail who enjoy a fast-paced, hands-on, physical workplace would be successful in this program. The curriculum provides instruction in the use of powered material, handling equipment, and OSHA safety and ergonomics. Supply chain management, automated inventory control systems, purchasing, receiving, order selections, packaging, and shipping methods are presented. Academic subjects include business mathematics and communication. The course includes job retention skills and customer relations.

### **Service Occupations**

Service Occupations is an innovative program focusing on training students in a diverse array of skill sets in service-related employment areas. This program will provide students with the opportunity to explore careers in the personal services cluster and gain the employability skills needed for job placement. The Service Occupations curriculum encompasses the areas of workplace safety, grounds maintenance, cleaning practices, housekeeping, custodial and retail stock. Students learn hands-on skills while also focusing on workplace readiness, interpersonal skills, the ability to work independently and collaboratively and the development of good work habits. The students train in all areas of the curriculum with the intent of obtaining competitive entry-level employment. Students learn in an environment that fosters work ethic, competitive time on task and personal accountability

### **Sports Medicine**

The Sports Medicine program will prepare students to work in a variety of entry-level positions within the physical

and occupational therapy occupations. Students will also have a solid educational base on which to build a postsecondary degree. The Sports Medicine program will prepare students with a strong foundation in the field of physical therapy, occupational therapy and sports medicine. Students will develop skills in prevention, recognition, assessment, management, disposition, and rehabilitation of injuries. Students will learn the principles of designing exercise programs for healthy individuals and those who are in a rehabilitation phase after an accident or injury.

## **Welding**

Welding prepares students to obtain entry-level employment as a welder or any welding-related position in both large and small companies. It also allows the student to pursue enrollment in a postsecondary program, such as welding engineering or metallurgy. The program's curriculum enables students to gain a knowledge base through classroom theory lessons. Program activities allow students to put their classroom learning into hands-on practice of technical skills. Classroom lessons include lectures, reading and writing assignments, and demonstrations. The program's instruction includes units on safety practices, gas cutting and welding, arc welding in various positions, and types and uses of electrodes and welding rods. Students also learn to fabricate and join metal parts according to diagrams, blueprints, and specifications.

**For further information on Mercer County Career Center programs and services, please visit the website [www.mercerccc.org](http://www.mercerccc.org)**

# **ENGLISH**

## **Grade**

- |           |  |                 |
|-----------|--|-----------------|
| <b>9</b>  | <b><u>English 9</u></b><br><i>(NCAA Approved Course)</i>   | <b>1 credit</b> |
|           | In this course, emphasis is placed on reading literature from various genres, time periods, and authors. Literature instruction will be accompanied by complementary writing instruction and assignments. Vocabulary/grammar instruction is also presented throughout the year.  |                 |
| <b>9</b>  | <b><u>College Prep English 9</u></b><br><i>(NCAA Approved Course)</i>  | <b>1 credit</b> |
|           | Students in this course will focus on reading, composition, grammar, and literature from a variety of genres. Emphasis on vocabulary development, literature analysis, and formal writing will be included.  |                 |
| <b>10</b> | <b><u>English 10</u></b><br><i>(NCAA Approved Course)</i>  | <b>1 credit</b> |
|           | This course focuses on the study of American literature, grammar, and written and oral communication. Research skills will be incorporated to aid students in writing speeches and compositions. Students will be required to develop and present informative and persuasive speeches. Vocabulary/grammar instruction is also presented throughout the year. |                 |
| <b>10</b> | <b><u>College Prep English 10</u></b><br><i>(NCAA Approved Course)</i>   | <b>1 credit</b> |
|           | This course merges composition, literature, and speech. Students will study American literature, practice writing, and research skills, work on verbal and non-verbal speech techniques, and receive advanced vocabulary/ grammar instruction. Students will be required to develop and present informative and persuasive speeches and group projects.      |                 |
| <b>10</b> | <b><u>Pre-Honors English 10</u></b><br><i>(NCAA Approved Course)</i>   | <b>1 credit</b> |

This Pre-Honors English course is an introduction for students who are interested in pursuing Honors English 11 & 12. Through a comprehensive survey of American literature, students will develop advanced skills in analyzing literature, developing composition, conducting research, and presenting formal speeches. Students will be expected to participate in formal discussions and group presentations, as well as study, advanced vocabulary and grammar. Summer reading/work will be required. **Placement in the course is based on teacher recommendation, and a "B" average in College Prep English. A "C+" average must be maintained to remain in the Honors courses.**

- 11      **English 11**      **1 credit**  
*(NCAA Approved Course)*  
This course focuses on reading, writing, and critical thinking skills. Reading will develop through the study of British literature. Emphasis on writing will be on constructing well-organized compositions. Vocabulary/grammar instruction is also presented throughout the year.
- 11      **College Prep English 11**      **1 credit**  
*(NCAA Approved Course)*  
Junior English is a comprehensive course that develops composition, literature, and grammar skills. The literature emphasis will be a survey of British literature. This course stresses discussion, criticism, and formal analysis while employing advanced writing skills. Advanced vocabulary development and grammar instruction are also incorporated throughout the year.
- 11      **Honors English 11**      **1 credit**  
(Saint Francis University College in the Classroom)  
(weighted 10 percentage points)  
*(NCAA Approved Course)*  
This weighted Honors course is for students who have demonstrated outstanding ability in previous English classes. This in-depth study of British literature requires advanced reading, writing, and communication skills. Research skills will also be incorporated to prepare students for writing a formal literary analysis. Advanced vocabulary/grammar instruction will be incorporated throughout the year. Participation in class discussions and cooperative learning projects, and summer readings/work will be required. **Placement in the course is based on teacher recommendation, and a "B" average in College Prep English. A "C+" average must be maintained to remain in the Honors courses.**
- Honors English 11 is offered as a college in high school course through Saint Francis University. Students must register with Saint Francis and pay the tuition fee. Upon successful completion, students will earn both high school and college credit.**
- 12      **English 12**      **1 credit**  
*(NCAA Approved Course)*  
This course emphasizes career-oriented oral and written communication skills. A study of various selections of world literature and vocabulary/grammar instruction will be presented throughout the year. This course requires the completion of a formal research paper. Students will also develop a resume and present informative and persuasive speeches.
- 12      **College Prep English 12**      **1 credit**  
*(NCAA Approved Course)*  
Senior English will focus on writing and research skills necessary for college and career success. This course requires the completion of a formal research paper. Students will expand their literature base through a survey of world literature. Students will also create a resume, present formal speeches, and study advanced vocabulary/grammar.
- 12      **Honors English 12**      **1 credit**  
(Saint Francis University College in the Classroom)  
(weighted 10 percentage points)  
*(NCAA Approved Course)*  
Senior Honors English is a weighted course for students who have demonstrated outstanding ability in

previous English classes. Students will generate multiple expository and argumentative essays, present formal speeches, and analyze multi-genre world literature from a variety of literary levels. Completion of an extensive research project as well as summer work will be required.

**Placement in this course is based on successful completion of Honors English 11 or for those students who were not in Honors English 11, teacher recommendation and a “B” average in College Prep English. A “C+” average must be maintained to remain in the course.**

**Honors English 12 is offered as a college in high school course through Saint Francis University. Students must register with Saint Francis and pay the tuition fee. Upon successful completion, students will earn both high school and college credit.**

- 9-12**      **Media Exploration**      **.5 credit**  
This elective will explore several forms of media, including newspaper, radio, television, social media, and other internet-based outlets. Students will examine different media types, how each is used, the content that each presents or possesses, and determine the intended meaning or messages in their respective formats. Content will include, but is not limited to: news stories, features, video and audio content, advertising, and social media postings.
- 9-12**      **Speech/Debate**      **.5 credit**  
The debate portion of this elective concentrates on techniques needed for creating and presenting debates. Debates will be both formal and informal. The speech portion of the class will focus on delivering effective speeches in several different formats and styles. Both debate and speech will require the student to utilize research techniques, note-taking, creating a message for a specific audience, and developing and practicing good speaking skills.
- 9-12**      **Creative Writing**      **.5 credit**  
*(NCAA Approved Course)*  
This elective will feature instruction in creative writing in a writing workshop. Students will develop their own "writer's voice" through the creation of original short stories and poems. Students will complete a personal writing portfolio. **The prerequisite for this course is a “C” or better in English and /or teacher approval.**
- 9-12**      **Academic Decathlon**      **.25 credit**  
This course is an elective, extracurricular activity. Each year, students study new curricula in language arts, math, music, art, economics, social studies, and science. The students will compete against other schools at the Academic Sports League tournaments. During the various competitions, students will complete multiple choice tests, write essays, present impromptu and prepared speeches, and participate in interviews. To earn credit for this elective, students must attend 1/4 of the practice sessions and attend two ASL events.

## SOCIAL STUDIES

- 9**      **U. S. Cultures 9**      **1 credit**  
*(NCAA Approved Course)*  
U. S. Cultures I is a mandatory course for all freshmen. In general, the course provides instruction in U. S. history and the development of our culture and institutions from Columbian Exploration through the Civil War and Reconstruction Era. Specific topics include, but are not limited to, British colonies in North America, the American Revolution, the creation of our government, Westward expansion, economic growth, 19<sup>th</sup> century reform, and the Civil War and Reconstruction.
- 10**      **U. S. Cultures 10**      **1 credit**  
*(NCAA Approved Course)*  
U. S. Cultures II is a mandatory course for all sophomores. In general, the course provides instruction in U. S. history and the development of our culture and institutions from the end of the Civil War and Reconstruction Era to the present. Instruction is provided in “The Birth of Modern America”, including settling the West, industrialization, urbanization, and immigration between the Civil War and 1900. It then covers our development as a world power, and progressivism in politics and our government. It focuses on our involvement in World War I, the Great Depression, the challenges of World War II, and the Cold War. The course also covers “a time of upheaval,” including the civil rights movement, the politics of protest, the Vietnam War, and Watergate. Instruction is also provided on the ‘70’s, 80’s, and 90’s, conservatism, and our war against terrorism.
- 11**      **World Cultures 11**      **1 credit**  
*(NCAA Approved Course)*  
World Cultures II is a mandatory course for all juniors. This course examines the history and culture of key global powers and their impact on the development of the modern world. By looking at the political and cultural contributions of individuals and groups, inspection of primary and secondary artifacts/sources, evaluating continuity and change, and through discussions of conflict and cooperation, students will be able to describe the social, political, economic, and cultural progression of the world.
- 12**      **Government/Economics**      **1 credit**  
*(NCAA Approved Course)*  
Government/Economics is a mandatory course for all seniors. This course will focus on the principles and ideals of the American form of government as outlined in the United States Constitution and the Bill of Rights. Four topics guide the Government portion of this course: principles and documents of government, rights and responsibilities of citizenship, how government works, and how international relationships function. The economics portion of this course is concerned with the behavior of individuals and institutions engaged in the production, exchange, and consumption of goods and services. People entering the work force cannot function effectively without a basic knowledge of the

characteristics of economic systems, how markets establish prices, how scarcity and choice affect the allocation of resources, the global nature of economic interdependence, and how work and earnings impact productivity.

- 11-12**      **Psychology**      **.5 credit**  
(weighted 5 percentage points)  
(*NCAA Approved Course*)  
This advanced honors social studies elective course is a study of human behavior and the elements that contribute to human development. It will concentrate on the science of psychology, states of consciousness, senses and perception, learning and how it takes place, memory, cognition, language, intelligence and mental abilities, and abnormal behavior. The class will also incorporate and discuss relevant current events throughout the semester.
- 11-12**      **Sociology**      **.5 credit**  
(weighted 5 percentage points)  
(*NCAA Approved Course*)  
This is an advanced honors social studies elective course that focuses on the study of society, the people in it, and how each affects the other. It concentrates on culture, society, socialization, and social interaction in everyday life. It will also highlight topics like family, race and ethnicity, sex and gender, religion, aging and the elderly, deviance, and how these all contribute to our development as individuals. Debates/discussions will be conducted on many controversial and pertinent issues as well as the problems and opportunities they present.
- 11-12**      **America in Transition**      *Not Offered 2025 - 2026*      **.5 credit**  
(weighted 5 percentage points)  
(*NCAA Approved Course*)  
This advanced honors social studies course will focus on America in a changing world. It will cover current and controversial issues, both foreign and domestic, and challenges and decisions that face our nation and people. It will include an in-depth investigation and discussion about issues such as the election, foreign and domestic policy in an era of terrorism, guns and gun control, how medical and scientific advances (cloning, stem cell research, biotechnology) are challenging our social ethics, euthanasia (mercy killing), abortion, and media/entertainment/internet influences on our society.
- 11-12**      **U.S. Wars Through Cinema**      *Not Offered 2025 - 2026*      **.5 credit**  
(*NCAA Approved Course*)  
This course focuses on wars and conflicts that the United States has fought since our founding as a nation. Specifically, the class will study these events through the use of cinema made about them. It will address not only the conflicts themselves, but also their widespread and long-lasting impacts on the United States.
- 11-12**      **Social Studies – The Law**      **.5 credit**  
(weighted 5 percentage points)  
This advanced social studies course will focus on the law in America. It will provide an introduction to law and our legal system, criminal law and juvenile justice, consumer and housing law, family law, individual rights and liberties, and relevant current events. The curriculum will include case studies, role-plays, small group exercises, and visual analysis activities. Controversial cases argued and settled throughout U.S. history will be a focus.



**11-12**      **Social Studies – American West**      **.5 credit**  
This course traces the settlement of the trans-Mississippi west of the United States, starting with the prehistoric migrations of American aborigines. Among the topics are: expansion, mining operations, the cattle kingdom, agriculture, the use and abuse of natural resources, violence, and ethnic and racial diversity.

## SCIENCE

### Grade

- 9**      **Academic Biology**      **1 credit**  
*(NCAA Approved Course)*  
This course provides the basic foundations of biology with emphasis on cells and cell processes as well as the continuity and unity of life. Topics include cell structure, function and reproduction, biochemistry, genetics, and ecology. Students will be involved in individual as well as group research and laboratory activities.
- 9**      **College Prep Biology**      **1 credit**  
*(NCAA Approved Course)*  
This course presents a study of basic biological principles, chemical basis of life, bioenergetics, homeostasis and transport, cell growth, reproduction, genetics, and ecology. Students will engage in research and laboratory activities on current and traditional biological topics. The course is designed to prepare students for college biological sciences.
- 10**      **Chemistry**      **1 credit**  
*(NCAA Approved Course)*  
This course will provide a basic understanding of the properties of matter and the changes it undergoes. Topics covered include: matter and change, atomic structure, chemical names and formulas, chemical reactions, states of matter, chemical bonding, and gas behavior.
- 10**      **Advanced Chemistry**      **1.4 credit**  
(weighted 5 percentage points)  
*(NCAA Approved Course)*  
This course is for college-bound students with sufficient math background. It will provide a complete understanding of the properties of matter and the changes it undergoes. Topics covered include: matter and change, atomic structure, periodicity, chemical quantities, chemical names and formulas, chemical reactions, stoichiometry, states of matter, thermochemistry, chemical bonding, and gas behavior.
- 11**      **Botany & Zoology**      *Not Offered 2025 - 2026*      **1 credit**  
*(NCAA Approved Course)*  
**Botany** is the scientific study of plants and their relationship to the environment. In this section, students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, and ecology of plants.  
**Zoology** is the branch of biology that deals with animals and animal life, including the study of the structure, physiology, development, and classification of animals. Some of the topics discussed include the classification of animals, invertebrates, including sponges, flatworms, mollusks, insects, arthropods, and echinoderms, and vertebrates, including fishes, amphibians, reptiles, birds, and mammals.
- 11**      **Physics**      **1.4 credit**  
(weighted 5 percentage points)

*(NCAA Approved Course)*

This course is a algebra-based course that will focus on 1) Newtonian mechanics including motion, equilibrium, work, energy, power, impulse, and momentum for linear and circular motion; and circular motion; and 2) Electricity and magnetism including charge, field, potential, electrostatics, capacitors, electric circuits, magnetostatics and electromagnetism. Physics includes two periods of investigation laboratory each week. **Prerequisite: successful completion of Algebra II or teacher Recommendation.**

**11-12 Science 11/12 1 credit**

*(NCAA Approved Course)*

This course will cover a basic understanding of Earth and space science, physics, and the environment. The new PA STEELS standards will be integrated into this course. Students will explore the topics in a multifaceted manner. Topics include forces and interactions, energy, waves, electromagnetic radiation, space, weather and climate, Earth systems, and movement, agriculture, and sustainability.

**11-12 Advanced Chemistry II 1 credit**

(weighted 5 percentage points)

*(NCAA Approved Course)*

This course is an extension of Advanced Chemistry. This course is an excellent preparation opportunity for college-bound students who plan to follow math, science, engineering, or health programs. Topics include: solutions, equilibrium, acids and bases, redox reactions, nuclear chemistry, biochemistry, and organic chemistry. **Prerequisite: successful completion of advanced chemistry**

**12 Advanced Physics .6 credit**

(weighted 5 percentage points)

*(NCAA Approved Course)*

This course is a calculus-based course that will focus on 1) Newtonian mechanics including motion, equilibrium, work, energy, power, impulse, and momentum for linear and circular motion; and circular motion; and 2) Electricity and magnetism including charge, field, potential, electrostatics, capacitors, electric circuits, magnetostatics and electromagnetism. Additionally, advanced calculus techniques will be instructed for the course when needed. This course will prepare a candidate for technical studies in science or engineering in follow-on college courses. **Prerequisite: successful completion of Physics or teacher recommendation.**

**12 Advanced Chemistry III 1 credit**

(University of Pittsburgh College in the Classroom)

(weighted 10 percentage points)

*(NCAA Approved Course)*

This course is part of the **College in High School** program through the **University of Pittsburgh**. Students will complete the same course work as the freshmen at Pitt. Topics include atomic theory, chemical reactions, stoichiometry, the mole, gasses, thermochemistry, electronic structure, periodicity, chemical bonding, acids and bases, equilibrium, and thermodynamics. **The course can be taken as a high school credit or as four college credits (for a fee Payable to the University) Prerequisite: successful completion of Advanced Chemistry II with a B or better or instructor approval.**

**12 Field Biology and Ecology 1 credit**

*(NCAA Approved Course)*

This course is an advanced elective course in which students will be investigating and reporting on current field biology and ecology topics. Lab reports and projects are required. Information and laboratories covered in the course will be within the following branches of biology: 1) botany, 2) ornithology, 3) entomology, 4) mammalogy, 5) aquatic biology, 6) ecology 7) forestry. **Prerequisite: successful completion "C" or better of academic biology, college prep biology, or instructor**

## approval.

\***State Bill 727** - Language from S.B. 727, amending P.L. 30, No. 14, regarding Student Rights. Section 2, the act is amended by adding a section to read: Section 1522, Pupil's Right of Refusal; Animal Dissection. (a) Public or non-public school pupils from kindergarten through grade twelve may refuse to dissect, vivisect, incubate, capture, or otherwise harm or destroy animals, or any parts thereof, as a part of their course of instruction.

- (b) Schools shall notify incoming pupils and their parents or guardians to assert the rights of their children to refuse to participate in those projects. Notice shall be given not less than two (2) weeks prior to the scheduled course exercise, which involves the use of animals.
- (c) A pupil who chooses to refrain from participation in or observation of a portion of a course of instruction in accordance with this section shall be offered an alternative education project for the purpose of providing the pupil avenue for obtaining the factual knowledge, information or experience required by the course of study. If tests require harmful or destructive use of animals, pupils shall be offered alternative tests. A pupil shall not be discriminated against based upon his or her decision to exercise the right afforded the pupil by this section and lowering a grade because the pupil has chosen an alternative education project or test is strictly prohibited.

# MATHEMATICS

## Grade

### 9-12      **Algebra I**      **1 credit**

*(NCAA Approved Course)*

Algebra is the study of mathematical symbols and the rules for manipulating these symbols in formulas. Throughout this course, students will be challenged to develop 21st-century skills such as critical thinking and creative problem-solving. Teaching fundamental algebraic methods and properties is a focal point of this course. Graphing equations and inequalities, as well as teaching properties and relationships of linear equations, is the most heavily covered material in this course. Students will participate in the Algebra I Keystone Exam at the end of this course.

### 9-12      **Geometry**      **1 credit**

*(NCAA Approved Course)*

Geometry is the study of shapes and lines in a plane and in space. It builds on the mathematical topics from Algebra I with an emphasis on critical thinking and problem-solving, and skill development. Topics will include the study of lines, triangles, polygons, circles, and space figures. Students will be required to write, explain, justify, prove, and analyze throughout the course in order to hone critical thinking skills.

### 10-12      **Algebra II**      **1 credit**

*(NCAA Approved Course)*

Students will solve and graph linear equations and inequalities. An emphasis on relations and functions, including classifying the domain and range, will be a focus of each unit. Students will solve systems of equations and inequalities using a variety of techniques. An extensive study of quadratic functions will take place- including graphing, solving, analyzing, and comparing different quadratic functions. A further study of polynomials and polynomial functions, including end behavior, will take place. Students will identify inverse functions, including exponential and logarithmic functions. Students will simplify rational expressions and solve rational and radical equations. Graphing calculators will be used extensively as students incorporate technology to discover generalizations of concepts and apply these concepts to realistic situations. Students may learn several methods for solving a problem and will be asked to choose the most efficient method to complete the task.

- 11**      **Mathematics 11**      **1 credit**  
 This course includes topics in algebra, geometry, and statistics. This course begins with students taking the district equivalent Algebra I Keystone Exam to fulfill the graduation requirement. This course is designed to help students be prepared for many standardized competency tests. **Students who have passed the Algebra I Keystone Exam cannot take this course without administrative approval.**
- 11-12**      **Probability and Statistics**      **1 credit**  
 (Thiel College in the Classroom)  
 (weighted 10 percentage points)  
*(NCAA Approved Course)*  
 This course is designed to provide an understanding of descriptive and inferential statistics that introduces students to the study of measures of central tendency, measures of variation, graphical representation of data, least squares regression, correlation probability, probability distributions, sampling techniques, parameter estimation, and hypothesis testing. Emphasis is on applications of statistical concepts. The use of technology is integrated throughout the course. Students may have the opportunity to earn 4 College in High School credits through Thiel College.  
**Prerequisite of at least a “C” average in Algebra II**
- 11-12**      **Topics of Math**      **1 credit**  
 This course begins with career exploration and follows with units pertaining to numerous math topics that have the potential to be on college placement exams or in a major-required math course. Interspersed among these units are lessons that would be seen in a traditional Consumer Math course. This course is available as an elective and/or a graduation requirement fulfillment course for students who have passed any of the following courses: Math 11, Int. Math II, Geometry, Algebra II, or Int. Math III. **Students must receive administrative approval.**
- 11-12**      **Pre-Calculus**      **1 credit**  
 (Thiel College in the Classroom)  
 (weighted 10 percentage points)  
*(NCAA Approved Course)*  
 This course provides the mathematical background needed for calculus. Pre-calculus incorporates the graphing calculator as a tool to help students focus on the concepts that lie at the heart of calculus. It presents math in a manner that stresses motivation through meaningful application, careful explanation, and numerous examples. We will integrate the graphing calculator (TI-83, 83 Plus or 84-Plus) with a variety of real-world data. Students may have the opportunity to earn 3 College in High School credits through Thiel College.  
**Prerequisite of at least a “C” average in Algebra II**
- 12**      **Calculus**      **1 credit**  
 (Thiel College in the Classroom)  
 (weighted 10 percentage points)  
*(NCAA Approved Course)*  
 Throughout this course, students will study the fundamental process of calculus, including integration and differentiation, and discover their application to a wide range of practical problems. Students may have the opportunity to earn 4 College In High School credits through Thiel College.  
**Prerequisite “C” average in Pre-Calculus.**

## BUSINESS

- 9**      **Computers 9 (9 Week Block)**      **.25 credit**  
 This course will introduce students to spreadsheet applications and database software. Students will

create professional worksheets and charts using the basic functions to the most advanced features and formulas of Excel. Students will use Access to build a database to organize information. Students will create reports, tables, forms, and queries that are being used in colleges, technical schools, and businesses today.

- 10**      **Personal Finance (Semester course in 10th grade block)**      **.5 credit**  
Personal finance is a semester class that will introduce students to money management and decision-making. Real-world topics covered will include paychecks, checking and savings accounts, budgeting, credit cards, buying a vehicle, and renting an apartment. Students will design personal budgets utilizing checking and savings account management. Students will also complete a W-4 form and determine gross pay, net pay, and determine deductions taken out of paychecks. Career exploration as it relates to personal finance will also be included in this course.
- 9-12**      **Accounting I**      **.5 credit**  
Students will learn basic accounting concepts, analyze transactions, and post to a general ledger account. They will also learn about cash control systems and worksheets for a service business. The course will be finalized with sole proprietorships, partnerships, and the writing and balancing of a checkbook.
- 9-12**      **Accounting II**      **.5 credit**  
Students will learn how payroll records and taxes are recorded. In addition, they will adjust and close entries for a partnership. They will also complete an accounting simulation and finish the course with corporate accounting.
- 10-12**      **Business Law**      **.5credit**  
Students will explore the law in the areas of interest for a young adult. They will review their rights as consumers, family members, and students. Students will also review the basis of our law system. The course will include group discussions, debate rallies, outside speakers in the field of law, and video courtroom analysis.
- 10-12**      **Business Marketing**      **.5 credit**  
Student will explore the fundamentals of business, management, and entrepreneurial concepts that affect business decision-making. They will apply marketing, management, and entrepreneurial principles; to make rational economic and social decisions. Students will investigate and complete steps in starting a sole proprietorship based on fundamentals learned in the class.
- 10-12**      **Integrated Technology**      **.5 credit**  
Students will develop typing skills in both accuracy and speed. Advanced features of memos, reports, and letters will be developed. Students will work independently on several office-like simulations. Students will develop enough skills for an entry-level office job.
- 9-12**      **GameMaker Programming**      **.5 credit**  
Learn the concepts taught in a college-level “Programming 101” course, but all of the projects are games! You will receive an introduction to basic programming by building two-dimensional (2D) games. GameMaker™, the 2D game engine you’ll be using, is based on a scripting language that builds techniques that can be transferred to any other programming language, such as Python, Java, and C++. You will finish complete games that can be played with friends and added to your digital portfolio.

## ART

All of the electives in this art program are aimed at improving students’ current level of artistic ability and preparing them for college-level courses after high school. Students will increase their awareness of a variety of artists and styles while working with various types of art media. They will also learn the importance of art history and art

appreciation. All art electives will require a sketchbook with assignments as constant practice. These courses will lead students to develop their own sense of style through creativity and self-expression. The program provides direction and guidance for students to take risks and communicate through visual work.

- 9-12**      **2-D Art**      **.5 credit**  
This course focuses on building skills for drawing and will also include the use of a sketchbook in order to develop ideas and practice drawing. Students will learn how to come up with original ideas and concepts to fuel their work output. Famous art, artists, and art movements will be explored. Towards the end of the semester, painting techniques will be introduced.
- 9-12**      **3-D Art**      **.5 credit**  
This course focuses only on the creation of 3-Dimensional pieces of art. We will work with sculptural materials such as wire, plaster, clay, metal, and yarn. The elements and principles will also be covered, and students will be encouraged to develop ideas through a variety of creative brainstorming techniques. If you like to work with your hands and build things, then this course is for you.
- 9-12**      **Yearbook**      **1 credit**  
This course introduces the interaction of text with images and the fundamental components of graphic communication through Graphic Design. Students will learn how to use the Yearbook program through the online Walsworth website to build and design the school yearbook from front to back. Students will take photographs of school events and sports, build spreads, write articles for their pages, and use their knowledge and skills. They will also learn business and marketing tactics to sell books and ads.
- 9-12**      **Digital Arts & Photography**      **.5 credit**  
Digital Arts is a class that involves the combination of photography, digital drawing, and editing. Students will be taught how to build up layers in order to create unique photo manipulations that combine photos with drawing on a Wacom One tablet. Students will develop proficient technical and aesthetic skills that will increase artistic development and creativity. Projects may include: Creating stickers and temporary tattoos, digital art and painting, photo composites, product design, and illustrations.

## **PHYSICAL EDUCATION**

- 9-10**      **Health 9 & 10**      **.25 credit**  
This course is designed to educate students on health-related topics. Students will learn wellness practices that equip them with strategies to live a quality and healthy lifestyle throughout one's lifetime. Topics include but are not limited to, healthy eating patterns and choices within nutrition-based research, mental health disorders while learning healthy coping strategies to further develop their emotional intelligence, health literacy related to anatomical terminology, and real-world application within each topic.
- 9**      **Physical Education 9**      **.25 credit**  
Physical Education at the high school level focuses on lifelong physical activities and fitness goals. First, students gain a cognitive perspective of why being active is vital to one's health and well-being. Students develop the psychomotor skills to physically and confidently execute multiple lifelong physical activities. Lastly, students increase their affective domain by finding their niche and purpose to living an overall wellness approach. Lifelong activities include but are not limited to aerobic and anaerobic exercises such as running, HIIT, AMRAP, hiking, and yoga. Topics in weight training include posture development, safety techniques, the primary use of equipment, and the functionality of muscle groups. Lifelong competitive activities, for example, disc golf, golf, badminton, pickleball, archery, and table tennis. Evaluation is conducted by individual assessments, such as preparation for class physically and mentally, appropriate levels of participation, cooperation, and formative assessments.

10

**Physical Education 10**

**.25 credit**

10th-grade Physical Education is the last required course within the Wellness Education Department at Commodore Perry School District. Students will focus on continuing their knowledge and skills for lifelong physical activities and fitness goals (related topics described in 9th-grade Physical Education.) Additionally, students will learn how to modify activities throughout a lifetime. Evaluation is conducted by individual assessments, such as preparation for class physically and mentally, appropriate levels of participation and cooperation, formative assessments, and summative assessments. Finally, as part of the last needed Physical Education course, students will be required to complete a capstone project. The objectives are for students to provide evidence of knowledge to live an independent, healthy lifestyle throughout their lifetime. The capstone includes the connection of evidence-based research of mental and physical benefits of lifelong activities, incorporating the ability to program a fitness schedule, and balancing a healthy nutrition plan.

11-12

**Advanced Health**

**.5 credit**

Advanced Health is a semester course designed for any student who wishes to understand further the human body and how it functions. Students who enroll in this course should be interested in pursuing a career as a physician, physician's assistant, nurse, nurse's assistant, physical therapist, physical therapist's assistant, or athletic trainer. Students cover advanced human anatomy, human physiology (the study of how body systems functions and interact), and basic human kinesiology (the study of how the body moves). In addition, students will learn basic first aid, basic care and prevention of common athletic injuries, and basic taping and therapy techniques.

## **FAMILY AND CONSUMER SCIENCE**

9

**Futures 9**

**.25 credit**

This is a required block class in 9th Grade. In Futures 9, students will explore the four areas of Career Education: Career Awareness, Career Acquisition, Career Retention, and Entrepreneurship. Students will take interest surveys, research careers, develop employability skills, and write a career action plan.

9-12

**Foods & Nutrition I**

**.5 credit**

This course explores several areas of food preparation and nutrition. Students will learn how selecting foods following the My Pyramid nutritional guidelines helps meet a person's nutritional needs. Students will have the opportunity to prepare a variety of recipes at a beginner/average cooking level.

9-12

**Foods & Nutrition II**

**.5 credit**

This course builds on the skills and knowledge taught in Foods I. Students will learn how nutrients affect the body and how to plan diet modifications for their ability to improve nutritionally-related health conditions. Students will have the opportunity to prepare a variety of recipes at an advanced cooking level. **Prerequisite: Foods I**

9-12

**Child Development**

**.5 credit**

This is the perfect class for anyone who wants to learn more about how children grow and develop. The class will discuss the development of children from birth-13 years of age. If you are planning a career that deals with children or just want to learn more about kids, you will enjoy this fun and interesting course!

# TECHNOLOGY EDUCATION

- 9-12     **Intro. Home Maintenance**     **.5 credit**  
Students will acquire basic electrical experience to allow them to safely repair and/or replace home electrical systems. Students will gain basic knowledge of home plumbing systems: how to repair/replace both fresh water and waste water-vent systems. The students will become familiar with basic wall construction as well as hanging drywall and framing doors and windows. Students also have the opportunity to become familiar with several other important home maintenance strategies.
- 9-12     **Introduction to CNC Manufacturing**     **.5 credit**  
Utilizing the 21<sup>st</sup> century CNC equipment in the XYZ lab, students will test their creativity as they create impressive projects using the CNC Routers, Milling machines, laser engraver, and Water Jet cutter. Each project they complete will test their skills and understanding of each machine and the design and programming that goes into them. Students will start with basic CNC processes and gradually lead into more advanced topics that could better prepare them for a manufacturing career. **Although students will have to pay for the materials used, they will have a choice on what it is they want to create.**
- 9-12     **Intro to Solidworks**     **.5 credit**  
This course provides students with a broad introduction into 3-dimensional Computer-Aided Design (CAD/CAM) and modeling with a focus on construction and architecture, with specific applications. Students will learn how to design a model from scratch and then use additive manufacturing (3D printing) to produce prototypes used in everyday life.
- 9-12     **Robotics**     **1 credit**  
The Commodore Perry Robotics course will focus on teamwork within engineering as we compete in a competition called robotics, located at Meadville High School in the spring. Students will work on designing, building, and operating a battle-bot for this competition. Students will get experience with CNC machining, and Drafting and Design using Solidworks, as well as experience with community involvement by asking for sponsorships from several local companies. This competition is a NRL (National Robotics League) sponsored event and will give the winning teams the opportunity to compete at the national level. **\*\*Students may be required to stay after school 1-2 days a week if needed. \*\*Students are required to attend the competition during the year.**
- 9-12     **Woodworking I**     **.5 credit**  
This course gives the students an opportunity to learn about the basics of woodworking. Students will use basic hand tools and power tools to construct a Woods I cabinet assigned by the teacher. These cabinets will range from \$50-\$100, depending on the type of wood the student chooses. **Each student is responsible for paying for their cabinet. No student who has taken Woods I previously will be permitted in this class. Students who this effects, will need to sign up for Wood Working II below.**
- 9-12     **Woodworking II**     **.5 credit**  
This course allows students to utilize skills that were developed during Intro to Wood Working. Projects will be built that challenge students' abilities. **Students will be responsible for the cost of the wood that they use. Prerequisites: Woodworking I**
- 9-12     **Modern Technology Innovation**     **.5 credit**  
This course provides students with modern technologies that are used in manufacturing across the nation. Utilizing the Commodore Perry Maker Space Lab, students will focus on additive manufacturing (3D printing), Laser engraving, vinyl graphic design, and subtractive manufacturing (Computer Numerical Controlled) **Prerequisite: Woodworking I**



# MUSIC

- 9-12**      **Senior High Band**      **1 credit**  
This course is an advanced instrumental performance-oriented organization. Membership is open to students from grades 9-12 and is determined by the director. The course enables those participating to perform music in many different styles, from classics to jazz and rock. Public performances range from parade marching to pep music to three public concerts per year so there is a lot of opportunity to be evaluated, not only by the director but by many other people.
- 11-12**      **Senior High Honors Band**      **1 credit**  
(weighted 5 percentage points)  
The prerequisites for this class would be Senior High band participation in 9th and 10th grade, with a grade in good standing.
- In addition to everything involved with the regular band class (rehearsals, performances, pep/marching band attendance (if applicable), etc.), there will be additional assignments and expectations. 1. The student is expected to apply for participation in festivals (District, Region, County band, and District Orchestra, etc.)
2. The student must audition for the PMEA D5 Honors Band. This is an advanced, audition-based ensemble that requires the study and performance of a college-level instrumental solo for a team of judges. The student typically has around 8 months to prepare this solo.
  3. The students will research the pieces of music the bands are playing and present the pieces to the audience at our concert.
  4. The students will be responsible for attending two concerts, one per semester, outside of the school district and submit the concert program and a written reflection of the performance to the director.
  5. The student must participate in Pep Band.
- 9-12**      **Senior High Concert Choir**      **1 credit**  
This course is an advanced choral performance-oriented organization. Membership is open to students in grades 9-12 and is determined by the director. The course enables those participating to perform music in many different styles, from classics to jazz and musical theater. Public performances include three public concerts per year so there is a lot of opportunity to be evaluated, not only by the director but by many other people.
- 11-12**      **Senior High Honors Concert Choir**      **1 credit**  
(weighted 5 percentage points)  
The prerequisites for this class would be Senior High Choir participation in 9th and 10th grade, with a grade in good standing.
- In addition to everything involved with the regular choir class (rehearsals, performances, etc.), there will be additional assignments and expectations.
1. The student is expected to apply for participation in festivals (District, Region, County Choir, etc.)
  2. The student must audition for the PMEA D5 Honors Choir. This is an advanced,

- audition-based ensemble that requires the complete preparation of two choral pieces to be judged on an excerpt from each piece. Students are judged in multiple categories including tone, pitch, rhythm, intonation, and interpretation.
3. The student will research the pieces of music the choir is singing and present the pieces to the audience at our concert.
  4. The student will be responsible for attending two concerts, one per semester, outside of the school district and submit the concert program and a written reflection of the performance to the director.
  5. The student will be expected to be leaders in the ensemble and be willing to run rehearsals or sectionals when the director is absent.

## WORLD LANGUAGES

9-12	<b><u>French I</u></b> <i>(NCAA Approved Course)</i> This course is an introduction to the language and cultures of the French-speaking world. Instruction will include basic structures of French grammar and pronunciation along with an introduction to French culture and geography. <b>Prerequisite: a “C” or better in the previous year’s English course or teacher approval is required.</b>	1 credit
10-12	<b><u>French II</u></b> <i>(NCAA Approved Course)</i> This course is a continuation of French I with an emphasis on grammar and conversation. Listening, speaking, reading, and writing skills will be developed. <b>Prerequisite: a "C" or better in French I.</b>	1 credit
11-12	<b><u>French III</u></b> <i>(NCAA Approved Course)</i> In this course, students will improve their communication skills by reviewing the grammar structures learned in French I & II. Students will continue to participate in advanced conversations. There will also be a sustained study of French culture, literature, and history. <b>Prerequisite a "C" or better in French II or teacher approval.</b>	1 credit
12	<b><u>French IV</u></b> <i>(NCAA Approved Course)</i> This course will be primarily an independent study course, but it will include oral practice with another French class. The students will further develop conversation, comprehension, and composition skills of the language. <b>Prerequisite: a “C” or better in French III and teacher approval.</b>	1 credit
9-12	<b><u>Spanish I</u></b> <i>(NCAA Approved Course)</i> This course is an introduction to the language and cultures of the Spanish-speaking world. Instruction will include basic structures of Spanish grammar and pronunciation along with an introduction to Spanish culture and geography. <b>Prerequisite: a “C” or better in the previous year’s English course or teacher approval is required.</b>	1 credit
10-12	<b><u>Spanish II</u></b> <i>(NCAA Approved Course)</i> This course is a continuation of Spanish I with an emphasis on grammar and conversation. Listening, speaking, reading, and writing skills will be developed. <b>Prerequisite: a "C" or better in Spanish I.</b>	1 credit
11-12	<b><u>Spanish III</u></b> <i>(NCAA Approved Course)</i>	1 credit

In this course, students will improve their communication skills by reviewing the grammar structures learned in Spanish I & II. Students will continue to participate in advanced conversations. There will also be a sustained study of Spanish culture, literature, and history. **Prerequisite a "C" or better in Spanish II and teacher approval.**

- 12**      **Spanish IV**      **1 credit**  
*(NCAA Approved Course)*  
This course will be primarily an independent study course, but it will include oral practice with another Spanish class. The students will further develop conversation, comprehension, and composition skills of the language. **Prerequisite: a "C" or better Spanish III and teacher approval.**

**REGISTRATION FORM**  
**Grade 9-12**  
**2025-2026**

PRINT: LAST NAME	FIRST NAME	MIDDLE INITIAL	GRADE 25-26

**ENGLISH**

- \_\_\_\_\_ 1.0 English (9-10-11-12)
- \_\_\_\_\_ 1.0 College Prep English (9, 10, 11, 12)
- \_\_\_\_\_ 1.0 Pre- Honors English 10
- \_\_\_\_\_ 1.0 Honors English\*\* (11-12)
- \_\_\_\_\_ .5 Speech/Debate
- \_\_\_\_\_ .5 Creative Writing
- \_\_\_\_\_ .5 Media Production
- \_\_\_\_\_ .5 Academic Decathlon

**SOCIAL STUDIES**

- \_\_\_\_\_ 1.0 US Cultures 9
- \_\_\_\_\_ 1.0 US Cultures 10
- \_\_\_\_\_ 1.0 World Cultures 11
- \_\_\_\_\_ 1.0 Government/Economics
- \_\_\_\_\_ .5 Psychology\*
- \_\_\_\_\_ .5 Sociology\*
- \_\_\_\_\_ .5 The Law\*
- \_\_\_\_\_ .5 American West
- \_\_\_\_\_ .5 America in Transition\*
- \_\_\_\_\_ .5 US Wars Through Cinema

**SCIENCE**

- \_\_\_\_\_ 1.0 Academic Biology
- \_\_\_\_\_ 1.0 College Prep Biology
- \_\_\_\_\_ 1.0 Chemistry
- \_\_\_\_\_ 1.4 Adv. Chemistry\*
- \_\_\_\_\_ 1.0 Adv. Chemistry II\*
- \_\_\_\_\_ 1.0 Adv. Chemistry III\*\*
- \_\_\_\_\_ 1.0 Science 11/12
- \_\_\_\_\_ 1.0 Science 11/12 AM
- \_\_\_\_\_ 1.0 Botany & Zoology
- \_\_\_\_\_ 1.4 Physics\*
- \_\_\_\_\_ .6 Adv. Physics\*

**MATHEMATICS**

- \_\_\_\_\_ 1.0 Algebra I
- \_\_\_\_\_ 1.0 Geometry
- \_\_\_\_\_ 1.0 Algebra II
- \_\_\_\_\_ 1.0 Mathematics 11
- \_\_\_\_\_ 1.0 Probability and Statistics
- \_\_\_\_\_ 1.0 Topics of Math
- \_\_\_\_\_ 1.0 Pre-Calculus\*\*
- \_\_\_\_\_ 1.0 Calculus\*\*

**BUSINESS**

- \_\_\_\_\_ .5 Accounting I
- \_\_\_\_\_ .5 Accounting II
- \_\_\_\_\_ .5 Business Law
- \_\_\_\_\_ .5 Business Marketing
- \_\_\_\_\_ .5 Integrated Technology
- \_\_\_\_\_ .5 GameMaker Programming

**ART**

- \_\_\_\_\_ .5 2-D Art
- \_\_\_\_\_ .5 3-D Art
- \_\_\_\_\_ 1 Yearbook
- \_\_\_\_\_ .5 Digital Arts

**FAMILY&CONSUMER SCIENCE**

- \_\_\_\_\_ .5 Foods & Nutrition I
- \_\_\_\_\_ .5 Foods & Nutrition II
- \_\_\_\_\_ .5 Child Development

**TECHNOLOGY EDUCATION**

- \_\_\_\_\_ .5 Woodworking I
- \_\_\_\_\_ .5 Woodworking II
- \_\_\_\_\_ .5 Modern Tech Innovation
- \_\_\_\_\_ .5 Intro Home Maintenance
- \_\_\_\_\_ .5 Intro CNC Manufacturing
- \_\_\_\_\_ .5 Intro to Solidworks
- \_\_\_\_\_ 1.0 Robotics

**MUSIC**

- \_\_\_\_\_ 1.0 Senior Band
- \_\_\_\_\_ 1.0 Concert Choir
- \_\_\_\_\_ 1.0 Honors Band\*
- \_\_\_\_\_ 1.0 Honors Concert Choir\*
- \_\_\_\_\_ 0.5 Senior Band
- \_\_\_\_\_ 0.5 Concert Choir
- \_\_\_\_\_ 0.5 Honors Band\*
- \_\_\_\_\_ 0.5 Honors Concert Choir\*

**IF CHANGES NEED TO BE MADE, PLEASE INDICATE THEM AND RETURN NO LATER THAN 2/7/25**

**WORLD LANGUAGES**

- \_\_\_\_\_ 1.0 French I
- \_\_\_\_\_ 1.0 French II
- \_\_\_\_\_ 1.0 French III
- \_\_\_\_\_ 1.0 French IV
- \_\_\_\_\_ 1.0 Spanish I
- \_\_\_\_\_ 1.0 Spanish II
- \_\_\_\_\_ 1.0 Spanish III
- \_\_\_\_\_ 1.0 Ind. Spanish IV

**UNIFIED BLOCK**

- \_\_\_\_\_ 1.0 Grade 9 (Health, Phys.Ed, Computers, Futures)
- \_\_\_\_\_ 1.0 Grade 10 (Health, Phys.Ed, Personal Finance)

\_\_\_\_\_ **3.0 Career Center**

\_\_\_\_\_ **Dual Enrollment**

\_\_\_\_\_ **3.0 EAcademy (Gr. 12)**

\*Please list your elective choices in order of your preference:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**Parents/Guardians:** I have read the above registration form and understand that my student will be scheduled for all required courses and I give my approval for the scheduling of all electives.

\_\_\_\_\_  
Signature of Parent/Guardian

Signature of Student

Date

\* denotes weighted 5% courses  
\*\* denotes weighted 10% courses

### COMMODORE PERRY JUNIOR HIGH SCHOOL

#### Course Selection

Name \_\_\_\_\_

Present Grade \_\_\_\_\_

Grade 7 - Required Courses	Grade 8 - Required Courses
ELA 7	ELA 8 and Reading 8
Mathematics 7	Pre-Algebra 8 or Algebra I
Life Science	General Science
PA History/Geography/Civics	World Cultures I
Art/Computers/Music/Health	Phys. Ed/Art/Music/Family & Consumer Science
Phys. Ed/Careers/Shop/World Language	Health/Computers/World Language/Shop

#### ELECTIVES FOR 7<sup>TH</sup> GRADE

- \_\_\_ Chorus
- \_\_\_ Band
- \_\_\_ None

#### ELECTIVES FOR 8<sup>TH</sup> GRADE

- \_\_\_ Chorus
- \_\_\_ Band
- \_\_\_ None

**\*Students in seventh grade must score Proficient or Advanced on their Math PSSA to be placed in Algebra I**

**Parent/Guardian:** I have read the above registration form, and I understand that my student will be scheduled for all required courses. I also give my approval for the scheduling of the electives chosen.

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

IF CHANGES NEED TO BE MADE, PLEASE INDICATE THEM AND RETURN THIS FORM NO LATER THAN 1/29/25 TO YOUR HR TEACHER OR THE HS OFFICE