

# *WEST PERRY HIGH SCHOOL* COURSE SELECTION GUIDE

**2023~2024**

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### **Non Discrimination Policy**

The West Perry School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies:

Name and Title: Ms. Liz Derr, Title VI, Title IX, §5404, ADA and Age Discrimination Act Coordinator  
Address: 2608 Shermans Valley Road  
Elliottsburg, PA 17024  
Telephone: (717) 789-3931

## Purpose

The purpose of this planning guide is to provide basic information and guidance about the educational offerings available for the 2023-2024 school year at West Perry High School along with essential information to ensure our students are matriculating their way through all graduation requirements, including Keystone Exams and Chapter 339 which focuses on career exploration experiences.

In addition to preparing students for Keystone Exams, the primary goal of our curriculum is to provide each student with a solid academic program that opens a variety of options beyond high school. The West Perry School District provides a diverse and comprehensive list of courses to prepare students for academic proficiency, challenging scholastic investigation, the exploration of personal interests, and rewarding careers. Both parents and students need to carefully review this planning guide and discuss all options before selecting courses. We encourage each student to make the most of the outstanding opportunities afforded by this school district and to take courses that best challenge abilities while keeping career options open.

Because the course selection process can be very complex, this booklet is just one resource used to select the best program of studies. Please take advantage of all available resources, such as our guidance counselors, teachers, and administrators. A decision about course selection should be reached in collaboration with the student, the parents, and the school. Choosing a pattern of courses that is challenging and worthwhile will promote personal satisfaction and permit students to achieve their short-term and long-term goals.

West Perry High School has an excellent educational program and a very knowledgeable and supportive staff. I challenge each student to make optimum use of these resources in order to graduate with the best possible educational background.

# West Perry High School

Phone: (717) 789-3931

Fax: (717) 789-2110

Principal .....Dr. Christopher Rahn  
 Assistant Principal .....Mr. Cory Hoffman  
 Dean of Students.....Mr. TJ Quaker  
 Athletic Director.....Mr. Ryan Anderson

School Counselor..... Mrs. Heather Bell  
 School Counselor.....Ms. Tracy Commins  
 School Counselor.....Mrs. Mandy Zeigler  
 Guidance Clerk.....Mrs. Cynthia Barber

## GENERAL INFORMATION

In planning a program, students should carefully consider the following information:

### A. Schedule

West Perry High School operates on an eight period day: seven academic and one resource (Flex Time). Students schedule courses within an academic day, with one period used for a resource period (study hall) and clubs. The academic year consists of two semesters, Fall and Spring, with students selecting courses for each semester. These courses may be semester courses which meet every day for a semester (90 days), or yearlong courses (180 days). At the end of four years, students must accumulate a minimum of 25 credits for graduation.

CREDITS: Semester Course = 0.5 credits      Yearlong Course = 1.0 credits

### B. Exemption from Instruction:

A student may be excused from topics of instruction for religious reasons. A letter from the parent requesting exemption is required, and the student will be assigned alternative work that must be completed.

### C. Graduation Requirements:

<u>Curriculum area</u>	<u>Credits</u>
English	4.0
Social Studies	4.0
Science	3.0
Mathematics	3.0
Math and/or Science Elective	1.0
(not required for CPACTC Students)	
Arts/Humanities	2.0
Wellness and Fitness	1.0
Technology/Chapter 339 Course	0.5
Electives	<u>6.5</u> (7.5 for CPACTC Students)
<b>Total</b>	<b>25.0</b>

The Keystone Exam requirements for graduation shall be defined in Chapter 4 of the Pennsylvania Code.

A graduation project must be approved and completed in order to graduate. This will be completed as part of a student's portfolio which meets the State's mandated Chapter 339 Plan. Chapter 339 is a Pennsylvania state mandate that requires all school districts in the Commonwealth to have a comprehensive guidance plan encompassing Pre-Kindergarten to Grade 12. This plan must address the four Career Education & Work Standards. In order to graduate and earn a diploma, students must exhibit an understanding of these four areas through various career exploration activities by the end of their 11th grade year. Through these activities, students must produce eight pieces of evidence demonstrating their awareness and comprehension of the standards. The standards are as follows:

- (1) Career Awareness and Preparation
- (2) Career Acquisition
- (3) Career Retention and Advancement
- (4) Entrepreneurship

#### **D. Class Status**

In order to progress from one grade to another, students must earn the following credits:

10<sup>th</sup> grade status..... 6 credits

11<sup>th</sup> grade status.....12 credits

12<sup>th</sup> grade status.....18 credits

60% is considered a passing grade at West Perry High School. 70% is considered a passing grade at Cumberland Perry Area Vocational Technical Center.

#### **E. NCAA Initial-Eligibility Clearinghouse for College Athletics:**

Planning for participation in NCAA Division I or Division II intercollegiate athletics begins in 8<sup>th</sup> grade with course selection and continues throughout high school. A student-athlete's performance in the classroom throughout high school is essential to be eligible for participation in college. To be eligible, students **MUST** complete the NCAA Clearinghouse's "Core Curriculum Requirements" **AND** meet the minimum GPA and SAT/ACT requirements mandated by the NCAA. West Perry courses that meet the Core Requirements are indicated throughout the course catalog. A complete list of the core curriculum requirements and NCAA registration information is online at [www.ncaaclearinghouse.org](http://www.ncaaclearinghouse.org).

Please note: Students who fail to meet the core curriculum, GPA, and/or SAT/ACT requirements will **NOT** be eligible to participate in NCAA Division I or Division II intercollegiate athletics as freshman. Interested students **MUST** file an application with the clearinghouse during the junior year and notify his/her school counselor of intent to play.

#### **F. Makeup of Failures**

Required subjects must be repeated if failed. While school counselors will monitor this situation, it is the responsibility of the student to reschedule required courses. This will require students to drop elective courses and to carry a larger load of major subjects than is desirable. If the schedule permits, a student may schedule failed courses during the following semester/year.

Students may also makeup classes via on-line summer school or correspondence/on-line classes according to District Policy.

Students are limited to four credits of credit recovery over the course of their high school career.

#### **G. Changes in Schedule**

Schedule changes will be made only under the most extenuating circumstances. These include:

- 1) incomplete schedule.
- 2) class previously taken and credit earned.
- 3) academically misplaced.
- 4) failed course needed for graduation.

#### **DROPPING OR CHANGING CLASSES AFTER THE START OF THE ACADEMIC YEAR**

After the first week of a semester, students may not drop any subject without a completed Course Change Review Form that includes permission from the parent, the teacher involved, the counselor and the principal. Students may obtain these forms in the Counseling Center. If the request is granted, the record of the dropped course will not appear on the transcript.

Any requests submitted after the five day period will appear on the student's transcript. If the student is passing the course at the time of withdrawal, s/he will receive a "Withdraw Passing" on their transcript. If the student is failing the course at the time of withdraw, they will receive a "Withdraw Failing" on their transcript.

Students are urged to elect a program of studies which they are reasonably sure of being able to handle. Generally, schedules are changed if a student is academically misplaced, needs a course to complete graduation or vocational program requirements, has already earned credit for the course or has an incomplete schedule. Changes will not be made to a student's schedule for the following reasons:

1. Students do not like the class.
2. Students do not like the teacher.
3. The class is held during an inconvenient period.
4. Students do not need the class to meet graduation requirements.
5. Students do not like other students in the class.
6. Students do not like their lunch period.
7. Course will affect athletic eligibility.
8. Student feels GPA will suffer.

#### **H. Selection of Courses**

Students are responsible for the selection of courses which fulfill graduation requirements. The guidance counselor is available to help with the selection process. We strongly suggest that students consult their counselors. Teachers will recommend placement for core courses. If a family disagrees with a teacher recommendation, a written request stating the reason for selecting an alternative course must be submitted to the school counselor to be reviewed. When selecting elective courses, students should select alternate electives in case their first choice is not available. Please note that the district reserves the right to deny the offering of a course or section due to:

1. low student interest.

2. unavailability of a highly qualified teacher.
- Additionally, some courses will only be offered on an every-other-year rotating basis.

### **I. Honors Courses**

Honors courses are designed to provide enrichment and depth to courses for academically talented students. Students must expect to meet elevated academic requirements in Honors Courses. Honors Courses often move at an accelerated pace. Honors courses will receive a WEIGHTED GPA of 1.05, meaning students' GPAs reflect an additional 5% over report card grades for these classes. Report cards will not show this additional weighting, only GPAs reflect weighting. Example:

<b>Class Grade</b>	<b>Weighted Factor</b>	<b>Weighted GPA Grade</b>
90%	1.05	$1.05 \times 90\% = 94.5\%$

### **J. Advanced Placement Courses**

- Courses designated as Advanced Placement (AP) will receive a WEIGHTED GPA (Grade Point Average) of 1.10.

<b>Class Grade</b>	<b>Weighted Factor</b>	<b>Weighted GPA Grade</b>
90%	1.10	$1.10 \times 90\% = 99\%$

- Students who wish to register for the AP Exam must schedule the exam with their counselor by October 1. The College Board sets the exam fees for which students are responsible.

### **K. Supplemental On-Line Courses**

1. Students must be aware that on-line courses require a majority of the work to be completed independently. Therefore, a student's ability to complete the course successfully is dependent upon his/her ability to be personally responsible and to remain on-task with little teacher direction. Learning independently consists of being self-disciplined and organized to complete assignments on the timeline prescribed by the on-line instructor.
2. A student is eligible to take on-line courses only if a course is not available or accessible in the West Perry High School course offerings, or if scheduling the course interferes with the graduation plan.
3. Students may take no more than two on-line courses per semester unless approved by administration.
4. All credits earned from on-line courses will be credited toward West Perry School District graduation requirements.
5. Students must follow the District Internet Policy and abide by a written code-of-conduct for on-line instruction.
6. Students who have withdrawn from on-line courses and are interested in enrolling in future courses will have their cases reviewed by a committee consisting of the School Counselor, High School Administrator, and Assistant Superintendent.
7. A student who does not complete their online course(s) may be required to reimburse the school district for the cost of the course.
8. Students who require online courses count toward NCAA eligibility must consult with their School Counselor prior to registering.

## **L. Earning College Credits**

- **Advanced Placement® (AP®) courses**

- Definition- AP courses are developed by the College Board to give high school students the opportunity to earn college credit before graduating if students earn a passing score on the AP exam. The minimum score for earning a college credit is determined by individual post-secondary institutions.
- Mode of Instruction - Available in-house with a West Perry teacher and on-line through the West Perry Virtual Academy (WPVA)
- Grade Level - 11,12
- Cost – Families are responsible for the AP exam fee only (approximately \$87.00)
- Grading Practices – AP classes are weighted 1.10 and credited toward both a student's GPA and class rank.

- **Dual Enrollment**

- Definition – Dual enrollment is a process by which a high school senior enrolls in a college course at another institution and receives both college and high school credit. In order to receive high school credit, a student must earn a C or higher. In order to earn college credit, students must pass the class based on the institution grading scale. Each 3 credit course will have a credit value of 1.0 at West Perry.
- Mode of Instruction – Available in-person at a college campus or online through the college.
- Grade Level - 12
- Cost- Varies by institution
- Grading Practices – Dual enrollment classes that count towards Math, Science, English, Social Studies and Foreign Language are weighted 1.05 and credited toward a student's GPA but not towards class rank.

- **College in the High School**

- Definition - College in the High School is a form of dual enrollment offered at West Perry and taught by West Perry teachers.
- Mode of Instruction - Available in-house with a West Perry teacher
- Grade Level – 10,11,12
- Cost – Varies by institution
- Grading Practices - Weighting of each course defined by the WPHS Course Selection Guide. Grades credited toward both a student's GPA and class rank. In order to receive college credit, a student must earn a C or better.

## **M. College in the High School – Lackawanna College**

Starting in the 2023-2024 School Year, students will have the opportunity to earn college credit for courses offered at West Perry High School through a partnership with Lackawanna College.

### **1. Student Eligibility**

- A. The student is taking AP or Accelerated Honors courses onsite at West Perry High School.



- B. The student is making satisfactory progress toward fulfilling applicable secondary school graduation requirements, as determined by the school district.
- C. The student demonstrates readiness for college-level coursework in the intended subject area, as determined by Lackawanna College. The College will determine readiness based on the recommendations from the school district.

## 2. Financial Information

- A. There is not a maximum number of dual enrollment students to be enrolled in these courses per semester.
- B. Total approved cost for these courses:
  - i. Allowable Tuition      \$100 per credit hour (courses are either 3.0 or 4.0 credits)
  - ii. Books                  No additional text books are required
  - iii. Fees                    \$0 (no additional fees are required)
- 3. The costs for all dual enrollment courses will be paid directly to the college by the enrolled students at the time of registration. This will be handled with support from the Counseling Center

## 4. Student Credit

- A. In order to successfully complete a course listed in the agreement, students must earn a grade of a C or better.
- B. The school district will award credits for and recognize courses that are successfully completed under the agreement fulfilling the previously identified graduation requirements.
- C. The College will award postsecondary credit to students who successfully complete courses identified in this agreement. The College will transcript this credit in a manner similar to other students who take courses at the institution. If a dual enrollment student becomes a regularly enrolled student at the college following graduation from West Perry High School, Lackawanna College shall recognize those credits and they will be applied toward the student's degree requirements. Also, if a student does enroll at Lackawanna College after graduation, the fees that are required for undergraduate enrollment will be waived.
- 5. Courses Offered. Credit values are noted in the Course Area section with the following format: [LC-3 credits] or [LC-4 credits].

<i><b>Lackawanna College</b></i>		<i><b>West Perry High School</b></i>		
<u><b>Course Name</b></u>	<u><b>Course Number</b></u>	<u><b>Course Name</b></u>	<u><b>Course Number</b></u>	<u><b>Level</b></u>
College Writing	ENG 105	AP® Language and Composition	1350	AP®
Introduction to Literature	ENG 110	AP® Literature and Composition	1355	AP®
U.S. History II	HIS 105	U.S. History II - Level III	2240	Honors
Intro to Psychology	PSY 105	AP® Psychology	2450	AP®

American Government	HIS 118	AP® American Government	2545	AP®
World History	HIS 130	Topics in Modern World History - Level III	2670	Honors
Precalculus	MAT 220	Pre-Calc-Honors	3350	Honors
Calculus	MAT 225	AP® Calculus AB	3460	AP®
General Physics I	PHY 120	Physics - Level III	4330	Honors
Anatomy and Physiology I	BIO 205	Anatomy and Physiology Honors	4345	Honors
Java Programming	CIS 228	AP® Computer Science A	5975	AP®
Elementary Spanish I	SPN 101	Spanish II	6040	College Prep
Elementary Spanish II	SPN 102	Spanish III	6050	College Prep
Adv. Techniques of Interpretation	SPN 220	Spanish IV - Honors	6060	Honors
Soil Science	AGR 235	Plant and Soil Science	7330	Elective
Basic Farm Maintenance	AGR 105	Diversified Agriculture Mechanics	7355	Elective
Agriculture Mechanization	AGR 210	Advanced Agriculture Mechanics	7410	Elective
Farm Business Management	AGR 225	Introduction to Agribusiness	7620	Elective

## N. College in the High School – Harrisburg Area Community College

Starting in the 2022-2023 School Year, students have the opportunity to earn college credit for General Biology I and II offered at West Perry High School through a partnership with HACC.

### 1. Student Eligibility

- A. The student is making satisfactory progress toward fulfilling applicable secondary school graduation requirements, as determined by the school district.
- B. The student demonstrates readiness for college-level coursework in the intended subject area, as determined by HACC and West Perry High School.

### 2. Financial Information

#### A. Total approved cost for these courses:

- i. Allowable Tuition                      \$79.50 per credit hour (courses are 4.0 credits)
- ii. Books                                      Possible book purchase

3. The costs for all dual enrollment courses will be paid directly to the college by the enrolled students at the time of registration.

### 4. Student Credit

- A. In order to successfully complete a course listed in the agreement, students must earn a C or better.

- B. The school district will award credits for and recognize courses that are successfully completed under the agreement fulfilling the previously identified graduation requirements.
  - C. The College will award postsecondary credit to students who successfully complete courses identified in this agreement. The College will transcript this credit in a manner similar to other students who take courses at the institution.
5. The following courses are available

**D4008 GENERAL BIOLOGY I (HACC – BIOL 101)**  
**D4009 GENERAL BIOLOGY II (HACC – BIOL 102)**

# Cumberland Perry Area Career and Technical Center (CPACTC)

Starting in 10<sup>th</sup> grade, students may attend CPACTC. Beginning in the 9<sup>th</sup> grade, students may apply for admission to a vocational technical program at CPACTC by completing the online application during November of the preceding year. Students attend CPACTC in the morning and return to West Perry in the afternoon for required academic subjects. The application process begins in October of each academic year and is open to 9<sup>th</sup> and 10<sup>th</sup> grade students to attend the following school year. Applications are available online at [www.cpatech.org](http://www.cpatech.org).

## Scheduling and Graduation Information:

1. Students may earn four (4) credits each year for successful coursework completion at CPACTC. If a student takes a social studies course at CPACTC, then s/he will receive one (1) credit for social studies and three (3) credits for the vocational program. Students may earn a maximum of three (3) credits at West Perry in the afternoon, totaling seven (7) credits per year.
2. Students must pass all required courses on their schedule each year in order to meet graduation requirements. With limited time at West Perry High School, it is difficult to make up failed courses while attending CPACTC.
3. Failing the vocational program class results in removal from the program for the following year. Please note 70% is considered passing at CPACTC.

## Programs Offered

Advanced Manufacturing Technology  
Automation, Robotics, Electronics  
Advertising Art and Design  
Automotive Collision Technology  
Automotive Technology  
Carpentry  
Computer Networking  
Computer Programming  
Cosmetology  
Criminal Justice  
Culinary Arts  
Dental Assisting

Diesel Technology  
Emerging Health Professionals\*  
Early Childhood Education  
Electrical Construction and Maintenance  
Horticulture/Landscaping  
HVAC (Heating, Ventilation and Air Conditioning)  
Logistics and Warehouse Management  
Masonry  
Healthcare Pathways  
Welding

\*For more information about this program, contact your counselor – **for 12<sup>th</sup> grade only**



# AGRICULTURAL EDUCATION



## Agriculture Education Elective Rotation

Course Name & Number	Credit Value	2023-2024	2024-2025	2025-2026
Agriscience and Technology (7300)	1	X	X	X
Large Animal Sci & Nutrition (7310)	1	X	X	X
Pet & Small Animal Management (7320)	0.5	X	X	X
Veterinary Science & Technology (7325)	1		X	
Plant & Soil Science (7330)	1	X		X
Wildlife, Fishery, and Forestry Sci (7335)	1	X	X	X
Small Gas Engines (7350)	0.5	X	X	X
Diversified Agricultural Mech (7355)	1	X	X	X
Advanced Agricultural Mech (7410)	1	X	X	X
Introduction to Agribusiness (7620)	1	X		X

### 7300 AGRISCIENCE AND TECHNOLOGY

Grades ~ 9-12

6 periods/cycle

Credits 1.0

Full Year

Prerequisite: None

NCAA Clearing House: No

This course is designed for beginning agricultural education students and is the pre-requisite for all the other courses taught in the Agricultural Education program. Topics will include Animal Science, Plant Science, Environmental Science, Agricultural Mechanics, and Leadership. In addition students will also learn about modern agricultural practices and how technology has changed the agricultural industry. Through this course students will engage in science related activities approximately 60% of the time and work in the agricultural mechanics shop the other 40% of the time. By participating in this course students will have the opportunity to participate in FFA activities. During class they will learn how to begin an SAE project and meet the requirements to earn the FFA Greenhand Degree. ***This course fulfills one science credit required for graduation.***

### 7310 LARGE ANIMAL SCIENCE AND NUTRITION

Grades ~ 10,11,12

6 periods/cycle

Credits 1.0

Full Year

Prerequisite – Agriscience and Technology

NCAA Clearing House: No

This course is designed for those students who wish to have an introduction to animal physiology and biology as they relate to the practical application of science, selection, and evaluation of animals, management practices, quality milk production, and alternative animal agriculture. FFA career development activities (livestock and dairy selection, meats and dairy food judging) will enhance this course. Students intending to seek employment on dairy or livestock production

farms or in other phases of the livestock industry will especially benefit from this course. Students will identify the relationships among proper nutrition, balanced rations, management practices, livestock diseases, and livestock performances. **This course fulfills one science credit required for graduation. If a student enrolls at Delaware Valley University post high school graduation they will earn 3 credits and will not have to take AS1000 if they completed this course with a B average or better.**

### 7320 PET AND SMALL ANIMAL MANAGEMENT

Grades ~9,10,11,12      6 periods/cycle      Credits .5      Semester  
Prerequisite – None      NCAA Clearing House: No

An introductory course in small animal care and management, this course will provide students with an understanding of several small animal species, including dogs, poultry, rabbits, and other small rodents. Students will learn how to properly manage and care for these species, as well as understand their anatomy and physiology. This course will also provide information about animal welfare issues, nutrition, and careers as they relate to small and companion animals.

### 7325 VETERINARY SCIENCE AND TECHNOLOGY

Grades ~ 11,12      6 periods/cycle      Credits 1.0      Full Year  
Prerequisite – Agri-Science & Technology and Large Animal Science      NCAA Clearing House: No

This course will introduce students to the equipment, practices and procedures encountered in a post-high school vet tech program and career. Units of study will include safety in a veterinarian office, veterinarian terminology, animal physiology and biology, animal disease, lab procedures, clinical procedures, and hospital procedures. Animal welfare issues will be addressed in this course along with the proper care and handling of small and large animals. **This course fulfills one science credit required for graduation.**

### 7330 PLANT AND SOIL SCIENCE

Grades ~ 10,11,12      6 periods/cycle      Credits 1.0      Full Year  
Prerequisite – Agriscience and Technology      NCAA Clearing House: No

Students enrolled in this course will learn soil types and properties, soil fertility management, lawn establishment and maintenance methods, basic landscaping, and cultivation of agronomic crops produced in central Pennsylvania. Integrated Pest Management (IPM) practices and procedures will be addressed in this course. **This course fulfills one science credit required for graduation. If a student enrolls at Delaware Valley University they will earn 2 credits and will not have to take HT1101 if they complete this course with a B average or better.**

### 7335 WILDLIFE, FISHERY AND FORESTRY SCIENCE

Grades ~ 10,11,12      6 periods/cycle      Credits 1.0      Full Year  
Prerequisite – Agri-Science and Technology      NCAA Clearing House: No

This course is designed to allow students to explore career opportunities in the field and acquire applied knowledge of natural resource management. Forest and woodlot management will be studied, including forest ID, harvesting methods, and management of the forests for productive and recreational use. Students will also study various forms of energy including wind, solar, and Bio-fuels. In addition students will learn about fish and wildlife species native to Pennsylvania. This course will focus on the ecology, biology, and habitat of these species. Students are encouraged to prepare for and compete in the county Envirothon to enhance their learning. **This course fulfills one science credit required for graduation.**

**7350 SMALL GAS ENGINES**

Grades ~ 10,11,12      6 periods/cycle      Credits .5      Semester  
Prerequisite – Agri-Science and Technology      NCAA Clearing House: No

This course involves technical training, instruction, and hands-on shop work covering the application of small gasoline engines, and electric regeneration as it applies power systems within agriculture. Students are expected to overhaul or repair a small gasoline engine as part of the shop work and will incur personal expenses for the engine repairs.

**7355 DIVERSIFIED AGRICULTURE MECHANICS**

Grades ~ 10,11,12      6 periods/cycle      Credits 1.0      Full Year  
Prerequisite – Agri-Science and Technology      NCAA Clearing House: No

This course will involve the laboratory/shop application of agricultural structure design, construction, and maintenance. This course uses basic problem solving and application of carpentry, electric wiring, stick welding, MIG welding, and plumbing skills will be emphasized. This class will give students skills to construct and maintain equipment.

**7410 ADVANCED AGRICULTURE MECHANICS**

Grades ~ 11,12      6 periods/cycle      Credits 1.0      Full Year  
Prerequisite – Agri-Science and Technology and Diversified Agricultural Mechanics  
NCAA Clearing House: No

This course will involve the laboratory application of agricultural structure design, construction, and maintenance. Practical application of carpentry, electric wiring, masonry, and plumbing skills will be emphasized. Students will hone their skill by picking projects that fit their career path in Agricultural Mechanics.

**7620 INTRODUCTION TO AGRIBUSINESS**

Grades – 11, 12      6 periods/cycle      Credits 1.0      Full Year  
Prerequisite – Agri-Science and Technology      NCAA Clearing House: No

Introduction to Agribusiness is a comprehensive overview of the seamless channel that moves agriculture products from the farm to the fork. Basic agricultural economics and marketing theory is enhanced by investigations including risk management, consumer behavior planning business modules and global competition. The course is limited to juniors and seniors that have completed at least one credit of agriculture classes. **This is a college in the high school class that offer students 3 credits from HACC of BUSI 101 if the student pays the tuition. Students are encouraged to enroll with Harrisburg Area Community College and pay College in the High School tuition to receive 3 credits from HACC for BUSI 101.**

**7660 SUPERVISED AGRICULTURAL EXPERIENCE I (SAE I)****7661 SUPERVISED AGRICULTURAL EXPERIENCE II (SAE II)****7662 SUPERVISED AGRICULTURAL EXPERIENCE III (SAE III)****7663 SUPERVISED AGRICULTURAL EXPERIENCE IV (SAE IV)**

Grades – 9,10,11,12      Summer/After School      Credits 1.0      Full Year  
Prerequisite – Agri-Science and Technology or Teacher Recommendation      NCAA Clearing House: No

Students will maintain an out of school supervised career development project for this course. The 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.

**7680 FFA LEADERSHIP I**

**7682 FFA LEADERSHIP II**

**7683 FFA LEADERSHIP III**

Grades - 10,11,12

6 periods/cycle

Credits 1.0

Prerequisite – Agri-Science and Technology

NCAA Clearing House: No

Students will work to develop and implement the FFA Program of Activities. They will complete assignments which pertain to individual positions including serving as a chapter officer, committee chairperson, or member. Students will also prepare a job resume and cover letter, and prepare a leadership activity for a chapter meeting. Students will continuously work to develop their Supervised Agricultural Experience Program and will submit award applications which relate to their projects. Students will engage in public speaking opportunities including prepared and extemporaneous speaking. Furthermore, students will prepare for and compete in other career development events throughout the year. The intent of this course is for students to engage and expand upon their knowledge and leadership abilities. This course is designed to serve students in their first, second, or third year of the leadership curriculum. Student assessment is based on years of involvement within the curriculum. If students are in their 1<sup>st</sup> year of the curriculum they should choose FFA Leadership I, in their second year FFA Leadership II, and in their third year FFA Leadership III.

**7684 FFA LEADERSHIP IV**

Grades - 12

6 periods/cycle

Credits 1.0

Prerequisite – Leadership I

NCAA Clearing House: No

This course is designed to be the capstone of a student's leadership curriculum career. Students will work independently to develop a leadership opportunity/project that they will work to create and implement throughout the school year. Opportunities must be approved by an agricultural instructor before students enroll in this course. Projects should include approximately 180 hours of involvement.

**7380 AGRICULTURAL CAREER STUDY**

Grades – 12

Summer/After School

Credits 1.0

Full Year

Prerequisite – Agri-Science & Technology and Teacher Recommendation NCAA Clearing House: No

This course is designed to be the capstone of a student's Agricultural curriculum career. Students will work independently to develop a career opportunity that they will work to create and implement throughout the school year. Opportunities must be approved by an agricultural instructor before students enroll in this course. Students will maintain an out of school supervised career development project for this course. The 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. The intent of this course is for students to expand upon their knowledge and experience by being responsible for this practical program.





# COMMUNITY SERVICE WORK~BASED LEARNING



## **2800 PARTNERS I**

Grade ~ 10,11,12

6 periods/cycle

Credit 1

Full Year

Students may earn a maximum of 2 credits in their high school career. NCAA Clearing House: No

This course will provide students with the opportunity to learn and understand human differences. Students will work with peers who have different learning styles and varying forms of communication. Students will assist and interact with peers who are members of the Life Skills Support classes in various settings. A requirement of the course will be the need to demonstrate self-discipline and self-responsibility. This would be an appropriate course for students who plan on entering the teaching profession.

## **2820 FLEXIBLE RELEASE**

Grade ~ 12

6 periods/cycle

Credit 0

Prerequisite ~ Passing all scheduled courses and on track for graduation. Pick up required application from high school office. NCAA Clearing House: No

This is an option open only to those seniors who are employed in the surrounding communities. Students may leave one period a day for employment purposes.

## **2840 SENIOR COMMUNITY OUTREACH**

Grade ~ 12

12 periods/cycle

Credit 1-2

NCAA Clearing House: No

This course provides an opportunity to explore, on an experiential level, a student's career interests. The placement will provide the student with work experience, interaction with professionals in his or her chosen field, and knowledge of real world work ethics. The student is encouraged to seek his or her own internship. Mentors must obtain appropriate clearance and background checks.

Senior Community Outreach is a privilege that can be revoked at the discretion of the administration. Acceptance into the Senior Community Outreach program is based on the following considerations and is at the discretion of the guidance counselors, and school administration: Academic Standing Attendance record Discipline record



# DRIVER EDUCATION

## 0130 DRIVER EDUCATION

Grade - 10,11,12

6 periods/cycle

Credit .5

Prerequisite – None

NCAA Clearing House: No

This theory course discusses the driver's responsibility with regard to the following topics:

- Owning and maintaining an automobile
- Pennsylvania Vehicle Code
- Developing good driving habits
- Map reading
- Decision making and controlling the vehicle
- Alcohol and drugs
- Environmental influences on driving



# ENGLISH



## Recommended Sequence of Core Courses

<u>Career</u>	<u>Tech School</u>		<u>College</u>
Literature I (1025)	Literature I (1025)	Literature I (1025)	Literature II – Level II (1130)
Literature II - Level I(1120)	Literature II – Level I (1120)	Literature II – Level II (1130)	American Literature – Level II (1230) or American Literature – Level III (1240)
American Literature – Level I (1220)	American Literature – Level I (1220)	American Literature – Level II (1230)	British Literature (1315) – Level II Literature and Composition – Level II(1330)
Career Writing and Readiness (1270)/Elective* or Literature for Life (1320)/Elective*	Career Writing and Readiness (1270)/Elective* or Literature for Life (1320)/Elective*	Literature and Composition – Level II (1330)	AP® Literature (1355) AP® Language (1350)

## 1025 LITERATURE I – Level I

Grade - 9

6 periods/cycle

Credit 1

Full Year

Prerequisite – None

NCAA Clearing House: Yes

This course is designed to develop and refine skills that will prepare students for the Keystone exams. The course will take an in-depth look at literature and informational texts with an emphasis

on text-dependent analysis. Literary study focuses on fiction, nonfiction, and informational texts- their structures, purpose, elements, devices, etc.

### **0911 LITERATURE I - RESOURCE**

Grade- 9	6 periods/cycle	Credit 1	Full Year
Prerequisite – Teacher Recommendation		NCAA Clearing House: No	

This course is designed for students requiring small-group instruction who do not plan to attend college. The course integrates literature with grammar, writing, and the development of listening and speaking skills. Literary study focuses on elements of fiction and informational texts. Works will include drama, poetry, short stories, and novels. Grammar focuses on sentence structures while writing concentrates on expository modes and the writing process. MLA style will be emphasized.

### **1120 LITERATURE II – Level I**

Grade – 10	6 periods/cycle	Credit 1	Full Year
Prerequisite LITERATURE I, and/or Teacher Recommendation based upon data review		NCAA Clearing House: Yes	

This course is designed for students who will take the Literature Keystone Exam and will address the State English Language Arts Standards. The course will take an in-depth look at literature and informational texts with an emphasis on text-dependent analysis. The course continues to build on foundational skills such as structural elements of literature and informational texts. Literary study focuses on fiction, nonfiction, and informational texts - their structures, purpose, elements, devices, etc. Students will take the Literature Keystone Exam at the end of the course.

### **1130 LITERATURE II – Level II**

Grade – 9, 10	6 periods/cycle	Credit 1	Full Year
Prerequisite Literature I and Teacher Recommendation		NCAA Clearing House: Yes	

This college preparatory course is designed for students who will take the Literature Keystone Exam at the end of the course. The course will address the State English Language Arts Standards. The course will take an in-depth look at literature and informational texts with an emphasis on text-dependent analysis. The course continues to build on foundational skills such as structural elements of literature and informational texts. Literary study focuses on fiction, nonfiction, and informational texts - their structures, purpose, elements, devices, etc.

### **0912 LITERATURE II- RESOURCE**

Grade- 10	6 periods/cycle	Credit 1	Full Year
Prerequisite – Teacher Recommendation		NCAA Clearing House: No	

This course is designed for students requiring small-group instruction to provide emphasis on preparing students who will take the Literature Keystone Exam and will address the State English Language Arts Standards. The course will take an in-depth look at literature and informational texts with an emphasis on text-dependent analysis. The course continues to build on foundational skills such as structural elements of literature and informational texts, vocabulary, grammar, and composition. Students will take the Literature Keystone Exam at the end of the course.

### **1220 AMERICAN LITERATURE – Level I**

Grade – 10, 11	6 periods/cycle	Credit 1	Full Year
Prerequisite – 1125 LITERATURE II		NCAA Clearing House: No	

This course focuses on reading, writing and listening. Emphasis is on producing quality products in written communication. It is designed for students who plan to attend a technical or trade school after graduation. Students will read, discuss, and write about a variety of literature.

### **1230 AMERICAN LITERATURE – Level II**

Grade – 10, 11	6 periods/cycle	Credit 1	Full Year
Prerequisite - 1130 LITERATURE II – Level II		NCAA Clearing House: Yes	

Since this course is designed for the college-bound student, it focuses on literature, composition and grammar. The grammar unit consists of improving sentence structure, mechanics, and usage through student writing. In literature, students study the short story, poetry, drama, and novels written by American authors. The drama and novels studied will trace the progression of American literature from pre-colonial times to the post-modern era. A research paper using the approved format is required of all students in order to receive credit for the course.

### **1240 AMERICAN LITERATURE – Level III**

Grade – 10, 11	6 periods/cycle	Credit 1	Full Year
Prerequisite - 1130 Literature II– Level II and teacher recommendation		NCAA Clearing House: Yes	

Designed for the advanced college preparatory student, this course concentrates on an in-depth study of selections from classical literature. Students will study American traditions, attitudes, changes, and people through American literature. Vocabulary for the college-bound student, writing of single paragraph and multi-paragraph papers, support of a thesis statement in a research paper, and essay-type tests are emphasized. Oral communication will also be a key component of the course. The drama and novels studied will trace the progression of American literature from pre-colonial times to the post-modern era. A research paper using the approved format is required of all students in order to receive credit for the course. Summer reading will be a required portion of our study.

### **0913 ENGLISH 11 ~ RESOURCE**

Grade- 11	6 periods/cycle	Credit 1	Full Year
Prerequisite – Teacher Recommendation		NCAA Clearing House: No	

This course is designed for students requiring small-group instruction to provide a focus on reading, writing, and listening. Emphasis is on producing quality products in written communication. It is designed for students who plan to attend a technical or trade school after graduation. Students will read, discuss, and write about a variety of literature.

### **1270 CAREER WRITING AND READINESS Level I**

Grade- 12	6 periods/cycle	Credit .5	Semester
Prerequisite – American Literature Level I		NCAA Clearing House: No	

This course will assist students in developing and writing resumes and completing applications for colleges, scholarships, and job opportunities. Interviewing skills and career readiness will also be discussed. This course may be taken in conjunction with 1320 Literature for Life.

### **1315 BRITISH LITERATURE Level II**

Grade – 11, 12	6 periods/cycle	Credit 1	Full Year
Prerequisite – American Literature Level II/III and teacher recommendation		NCAA Clearing House: Yes	

Designed for college-bound students, this course offers an intensive study of the history of British literature and writing from the Medieval period through the Post-Modern period. Students will study a variety of literature including epic poems, poetry, drama, short story, and novels. The composition of essays on a variety of topics stresses expository writing as well as a formal research paper which is a requirement for completion of the course.

### **1330 LITERATURE AND COMPOSITION – Level II**

Grade - 12	6 periods/cycle	Credit 1	Full Year
Prerequisite - 1235 American Literature Level II/III and teacher recommendation			
NCAA Clearing House: Yes			

Students will study a variety of literature, including novels, poetry, plays, and short stories. Also, reading comprehension of non-fiction is emphasized. The composition of essays on a variety of topics stresses expository writing as well as a formal research paper which is a requirement for completion of the course. Students are required to participate in a formal debate which includes writing persuasive arguments. The study of vocabulary and semantics will also be an integral part of the course. This course is designed for college-bound students.

### **1350 AP® ENGLISH LANGUAGE AND COMPOSITION**

Grade – 11, 12	6 periods/cycle	Credit 1	Full Year
Prerequisite - teacher recommendation			
[LC-3 credits]			
NCAA Clearing House: Yes			

In this college-level course, students will study and write about complex texts in a wide range of genres. Writing tasks will help students to develop awareness of task and audience while writing for a variety of purposes. Students will study and practice techniques for improving argumentation, organization, and style in their writing. Through short papers, timed writings, and collaboration, students work toward a capstone research paper and the AP exam administered in May. The exam tests advanced critical reading and language competency through multiple-choice questions and a rigorous timed writing section. AP Exam scores of 5, 4, or 3, depending on the university, can count for college credit. AP courses at West Perry are given a weight of 1.10.

### **1355 AP® ENGLISH LITERATURE AND COMPOSITION**

Grade – 11, 12	6 periods/cycle	Credit 1	Full Year
Prerequisite - teacher recommendation [LC-3 credits]			
NCAA Clearing House: Yes			

In this college-level course, students will learn to analyze and interpret imaginative literature through the careful reading and critical analysis of representative works from various genres and periods. Students will explore literary elements such as a work's structure, style and themes, as well as the use of figurative language, imagery, symbolism and tone. Students will develop writing skills through expression of ideas and analysis in expository, analytical, and argumentative essays. Through short papers, timed writings, and collaboration, students work toward a capstone research paper and the AP exam administered in May. The exam tests advanced critical reading and language competency through multiple-choice questions and a rigorous timed writing section. AP Exam scores of 5, 4, or 3, depending on the university, can count for college credit. AP courses at West Perry are given a weight of 1.10.

### **0914 ENGLISH 12 ~ RESOURCE**

Grade- 12	6 periods/cycle	Credit 1	Full Year
Prerequisite – Teacher Recommendation			
NCAA Clearing House: No			

This course is designed for students requiring small-group instruction to focus on literacy skills in all four basic areas: reading, writing, speaking, and listening. Major units include career preparation, drama study, literature study, and debate. Students will complete some formal analysis writing as well as technical writing. This course emphasizes soft skills and productivity skills that are essential in the workplace.

### **1320 LITERATURE FOR LIFE\***

Grade - 12	6 periods/cycle	Credit 0.5	Semester
Prerequisite –American Literature			NCAA Clearing House: No

This course focuses on literacy skills in all four basic areas: reading, writing, speaking, and listening. Major units include literature study and debate. Students will complete some formal analysis writing. This course emphasizes soft skills and productivity skills that are essential in the workplace. This course may be taken in conjunction with 1270 Career Writing and Readiness.

### **1410 SCIENCE FICTION\***

Grade- 10, 11, 12	6 periods/cycle	Credit .5	Semester
Prerequisite – Successful completion of 1 year of English			NCAA Clearing House: Yes

This course explores the popular genre which uses science or pseudo-science in the creation of sci-fi novels, stories, television series, films and comics. This course may be taken in conjunction with 1270 Career Writing and Readiness OR 1320 Literature for Life.

### **1430 SHORT STORIES\***

Grade 10, 11, 12	6 periods/cycle	Credit .5	Semester
Prerequisite – Successful completion of 1 year of English			NCAA Clearing House: Yes

This course examines the art of the short story. The course offers a look at the history of the short story, the elements within the short story, and the craft of composing a short story. Students will read several short stories from a variety of authors and time periods. This course is to be taken in conjunction with 1270 Career Writing and Readiness OR 1320 Literature for Life.

### **1420 MYTHOLOGY\***

Grade 10, 11, 12	6 periods/cycle	Credit .5	Semester
Prerequisite – Successful completion of 1 year of English			NCAA Clearing House: Yes

This course examines myths and their influence on the human experience, language, superstitions, and archetypes. This course is to be taken in conjunction with 1270 Career Writing and Readiness OR 1320 Literature for Life.

### **1460 INTRODUCTION TO FILM\***

Grade 9,10,11,12	6 periods/cycle	Credit .5	Semester
Prerequisite-None			NCAA Clearing House: No

This course examines the artistic and social power of film as a medium of audio-visual communication. The course offers a systematic view of how cinema tells stories, organizes information, and creates unique aesthetic and social experiences. It integrates tenants of history, sociology, and film analysis. Many different genres of film will be used throughout. This course is to be taken in conjunction with 1270 Career Writing and Readiness OR 1320 Literature for Life.

**1260 CREATIVE WRITING**

Grade – 10, 11, 12      6 periods/cycle      Credit .5      Semester  
 Prerequisite – Successful completion of 1 year of English      NCAA Clearing House: Yes

This course will offer the student the opportunity to experiment with creative expression. Various elements of creative writing will be analyzed and emulated such as imagery, voice, character creation, setting, and story. The process of editing and revising work as a result of constructive feedback will also be an integral part of this class. Throughout this course, examples will be given, shared, and critiqued for each area of focus, and course material will center on strengthening one's confidence and abilities as a writer while exploring outlets for one's work such as scholarships and contests.

**1338 JOURNALISM I**

Grade – 9, 10, 11, 12      6 periods/cycle      Credit .5      Semester  
 NCAA Clearing House: Yes

This course is designed to introduce students to journalism and to develop within the student the ability to be an effective writer, reader, and researcher. Students will study and perform tasks relative to elements of news, features, sports and headline writing as well as production techniques. As reporters, students will become directly involved in actual activities and events at West Perry High School. Journalism students will create articles for the digital school magazine, The Whip, and submit stories and photos for monthly publication.

**7260 DIGITAL AUDIO/VISUAL PRODUCTION)**

Grade – 10, 11, 12      6 periods/cycle      Credit .5      Semester  
 Prerequisite - Journalism I      NCAA Clearing House: Yes

This course will continue the development of skills learned in Journalism I. These students will serve as writers and editors of The Whip webpage. Students may elect to pursue additional areas in media, including photojournalism, film theory, and computer/webpage design. Layout design and editing will be stressed. Individual initiative is required as this course meets concurrently with the Journalism I course and students will be independently exploring various media of interest. Students will develop communication and critical thinking skills in order to produce the school paper and the daily announcements.

\*Courses will count as an elective credit in Grades 9-11; may only be taken for English credit during 12<sup>th</sup> grade in conjunction with 1270 or 1320.

<b><i>English Language Arts Elective Rotation</i></b>				
<b>Course Name &amp; Number</b>	<b>Credit Value</b>	<b>2023-2024</b>	<b>2024-2025</b>	<b>2025-2026</b>
Creative Writing (1260)	0.5	X	X	X
Intro to Drama (1336)	0.5			X
Journalism I (1338)	0.5	X	X	X
Digital Audio/Video Production (7260)	0.5	X	X	X
Science Fiction (1410)	0.5		X	
Mythology (1420)	0.5	X	X	X
Short Stories (1430)	0.5	X		
Intro to Film (1460)	0.5	X	X	X





# FOREIGN LANGUAGE



## 6025 INTRODUCTION TO SPANISH

Grade - 9

6 periods/cycle

Credit 0.5

Semester

Prerequisite – Enrollment in Literature I.

NCAA Clearing House: No

This semester course introduces very basic vocabulary and grammatical structures. Students will be expected to recall and reproduce common vocabulary terms and expressions, and common language patterns. The course content will cover the following: the Spanish alphabet, cognates and common nouns, gender of nouns, counting to 100, telling time, talking about the dates and weather, describing people and things with the “to be” verb SER, talking about parts of the body with the “to have” verb TENER, expressing feelings and location with the “to be” verb ESTAR, talking about plans and events with the “to go” verb IR, expressing likes and dislikes with both food and activities (infinitive verbs). This course is intended for students enrolled in Literature I.

## 6030 SPANISH I

Grade - 9,10,11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite – Enrollment in Literature II.

NCAA Clearing House: Yes

This course concentrates on first year basic vocabulary comprehension, listening and speaking skills, and grammatical concepts. The student will be expected to conjugate verbs in the present tense, agree nouns and adjectives, complete speaking assignments, and actively participate in varied classroom activities. The content will be delivered through thematic units concerning the calendar, family and home, classes and hobbies, food, and sports and activities.

## 6040 SPANISH II

Grade – 10,11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite - Spanish I

NCAA Clearing House: Yes

The study of vocabulary and grammar is continued. A more precise knowledge of basic grammatical rules will be emphasized. Different verb tenses, such as the present progressive, the false future, and the preterit are introduced. Pronunciation is refined. The writing of more extensive sentences and paragraphs is stressed. Content will be introduced through thematic units concerning health, activities, places and events, shopping, travel, and daily routines.

## 6050 SPANISH III

Grade – 10,11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite - Spanish II and teacher recommendation

NCAA Clearing House: Yes

Emphasis is on reading comprehension, communication, and a precise knowledge of Spanish grammar. These will include, but not be limited to, the future, conditional, irregular preterit, imperfect, and perfect tenses, passive voice, double object pronouns, formal and informal commands, and an introduction to the subjunctive tense. Content will be introduced through thematic units concerning travel and transportation, dining and cuisine, holidays, technology, lifestyle and self-care. Culture and literature will also be explored through the use of authentic and academic texts. Students are expected to use the target language (Spanish) for class discussion and participation.



**6060 SPANISH IV ~ HONORS**

Grade – 11, 12

6 periods/cycle

Credit 1

Full Year

Prerequisite - III and teacher recommendation

NCAA Clearing House: Yes

This is an immersive course with exclusive instruction in the target language (Spanish), and the student is expected to communicate using the target language as well. The student will also speak, read, and write in Spanish synthesizing the different grammatical structures acquired in the previous Spanish courses. Spanish and Latin American history and culture will be explored through thematic chapters, and advanced language structures will be introduced.



# HEALTH/PHYSICAL EDUCATION

**0010 WELLNESS AND FITNESS –Male****0020 WELLNESS AND FITNESS – Female**Grade - 9,10,11,12  
Year)

6 periods/cycle

Credit .5

Semester (CPACTC – Full

Prerequisite – None

NCAA Clearing House: No

One (1) credit of Wellness and Fitness is required during high school. Students are encouraged to participate to the best of their ability. The concept of physical activity as a basic path to physical, emotional, and social development is stressed. Through active participation, students will develop their attitudes of sportsmanship, cooperation, courtesy, responsibility, interpersonal skills and an appreciation of the skills of other students. An understanding of the strategies used in participation is an integral part of the four year program. Health topics are integrated into the course including STDs, drug and alcohol education, and other current health and social issues that students face today.

**0013 HEALTH & FIRST AID/CPR/EMERGENCY PREPAREDNESS**

Grade- 10,11,12

6 periods/cycle

Credit .5

Semester

Prerequisite-None

NCAA Clearing House: No

This course covers first aid, CPR, basic wilderness and survival skills and general safety. Attaining American Red Cross certification in community first aid and safety (first aid and CPR for adult, child, and infant) is being explored.

**0033 HUMAN PERFORMANCE**

Grade- 11,12

6 periods/cycle

Credit .5

Semester

Prerequisite-None

NCAA Clearing House: No

This elective course examines types of strength training and focuses on safety factors to consider when starting a strength training program. The course examines muscle mass versus strength, connections between performance movements and strength training, types of strength training and the principals to achieve peak performance. The course is designed for students to experience the proper application of specific exercises and performance concepts. Students will

determine their personal fitness level and develop a series of exercise activities to focus on individual growth areas.

### 0038 OUTDOOR EDUCATION

Grades- 11,12

6 periods/cycle

Credit .5

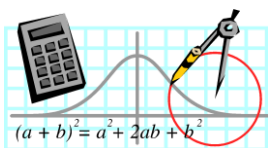
Semester

Prerequisites- None

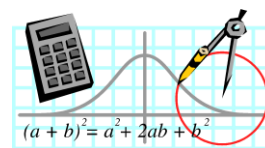
NCAA Clearing House: No

Students will learn, demonstrate and understand the components of outdoor fitness and recreation. The goal will be for students to become motivated to not only learn about and enjoy the outdoors but incorporate outdoor activities into their future lifestyles. Other aspects will include Pennsylvania outdoor history, bird, tree and mammal identification, hands on archery, canoeing, fishing, conservation and environment issues, guest speakers, survival, safety, hiking, and an unlimited list of outdoor opportunities.

	Grades	2023-2024	2024-2025	2025-2026
<b>*Health/First Aid &amp; CPR</b>	10-12	X	X	X
<b>*Wellness/Fitness</b>	9-12	X	X	X
<b>Lifetime Sports</b>	11-12		X	
<b>Outdoor Education</b>	11-12	X		X
<b>Human Performance</b>	11-12	X	X	X



# MATHEMATICS



GRAPHING CALCULATORS ARE AN INTEGRAL PART OF MANY OF THE MATH COURSES. IF YOU ARE PLANNING TO PURCHASE A CALCULATOR, PLEASE ASK A MATH TEACHER FOR A RECOMMENDATION.

## Suggested Course Sequencing

<u>Career</u>	<u>Tech School</u>	<u>College</u>
Algebra I	Algebra I	Algebra I
Geometry I	Geometry I	Geometry (Level II or III)
Consumer Math  Algebra II is a possibility but is a Level II course	Algebra II Level II/III or Consumer Math	Algebra II (Level II or III)
	Algebra III is a possibility	Algebra III Pre-Calc (Level II or III)
		AP® Calculus
Discrete Mathematics is an elective with Pre-Calculus as its prerequisite		
Probability & Statistics is an elective with Algebra II as its prerequisite		

### 3250 ALGEBRA I – Level II

Grade - 9,10

6 periods/cycle

Credit 1

Full Year

Prerequisite – None

NCAA Clearing House: Yes

Students will take the Algebra 1 Keystone Exam following completion of this course. Applications of the material to the real world will be explored using modeling. Topics include: real numbers and operations, writing and simplifying algebraic expressions, solving and graphing linear equations and inequalities, writing the equations of lines, systems of equations and exponents. Linear modeling with linear regression will also be included. Data analysis and statistics components are integrated throughout the course.

### 3022 GEOMETRY – Level I

Grade – 10,11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite – Algebra I

NCAA Clearing House: Yes

This is a one year course in geometry that provides a comprehensive coverage of Geometric topics aligned to meet the state standards. Geometry introduces the following geometric concepts: basic fundamentals of geometry, reasoning and proofs, parallel lines, triangles, congruent and similar triangles, quadrilaterals, circles, and calculations of area, surface area, and volume. As topics are introduced and developed, students experience concepts through real-world applications.

### 3280 GEOMETRY – Level II

Grade – 9,10,11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite - Algebra I and teacher recommendation

NCAA Clearing House: Yes

This course is designed to further develop the basic geometrical concepts that have been studied in earlier courses. It will also introduce more advanced concepts necessary for the student to pursue advanced math courses. Topics include: basic properties and definitions, types of proofs, properties of polygons and circles, areas and volumes of 2 and 3 dimensional figures, basic trigonometry and coordinate geometry, constructions and transformations. Problem solving is emphasized. This course requires summer work.

### **3290 GEOMETRY – Level III**

Grade – 10,11,12	6 periods/cycle	Credit 1	Full Year
Prerequisite - Algebra I & Teacher Recommendation			NCAA Clearing House: Yes

In addition to the curriculum followed in 3280 Geometry, this course will include a unit of logic and locus/loci problems and related constructions. Students will be expected to solve more challenging problems and to go into more subject depth. This course requires summer work.

### **3260 ALGEBRA II – Level II**

Grade - 10,11,12	6 periods/cycle	Credit 1	Full Year
Prerequisite – Geometry & Teacher Recommendation			NCAA Clearing House: Yes

The goals of this course are development and application of problem solving techniques, and development of logical thinking for the student who desires to further his/her study of math. Topics include: Expansion of Algebra I concepts, operations and applications of matrices, data analysis, statistics, probability, and studies of various functions including quadratic, polynomial, radical, exponential, logarithmic, rational, and trigonometric. This course requires summer work.

### **3270 ALGEBRA II – Level III**

Grade - 10,11,12	6 periods/cycle	Credit 1	Full Year
Prerequisite - Geometry (Lvl III) & Teacher Recommendation			NCAA Clearing House: Yes

This course is designed to prepare students for advanced math and is taught at an accelerated rate. The general goal is to develop algebraic skills and be able to apply them. Topics include: operations and applications of matrices, data analysis, statistics, probability, and studies of various functions including quadratic, polynomial, radical, exponential, logarithmic, rational, and trigonometric. Students will go into greater depth and be expected to solve more challenging problems. This course requires summer work.

### **3265 ALGEBRA III – Level II**

Grade ~ 11, 12	6 periods/cycle	Credit 1	Full Year
Prerequisite - Algebra II & Teacher Recommendation			NCAA Clearing House: Yes

This course is designed for college bound students who will not be entering the field of mathematics, science, or business requiring the higher level of mathematics associated with pre-calculus or calculus. This advanced algebra course will focus on the following topics: Exponential and Logarithmic Functions, Rational Functions, Conic Sections, Sequences and Series, Trigonometric Functions, and Trigonometric Identities and Equations. This course requires summer work.

### **3200 CONSUMER MATH**

Grade - 11,12	6 periods/cycle	Credit 1	Full Year
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Prerequisite – Geometry

NCAA Clearing House: No

Students will apply basic skills in mathematics to everyday problems they will encounter as adults. The emphasis will be upon making wise decisions as a consumer and increasing knowledge pertaining to personal finance. Topics will include: gross pay and net pay, income taxes, purchasing consumer goods, banking services, insurance costs and benefits and housing costs.

### **3410 PROBABILITY AND STATISTICS**

Grade - 11,12

6 periods/cycle

Credit 0.5

Semester

Prerequisite – Algebra II Level II/III & Teacher Recommendation NCAA Clearing House: Yes

This is a semester advanced math course designed for students who are college bound. All students interested in pursuing a career in math, engineering, science or business will profit from this course. This course introduces statistics as a problem-solving process. The student will build his/her mathematical skills through investigations of different ways to organize and represent data and describe and analyze variations in the data. Through practical examples, the student will come to understand the concepts of descriptive statistics, regression modeling of two variables, probability, and inferential statistics.

### **3300 PRE-CALCULUS – Level II**

Grade - 11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite – Algebra II Level II/III & Teacher Recommendation NCAA Clearing House: Yes

This course is designed for the advanced math student. All students interested in pursuing a career in math, science or computer science should take this course. Topics taught will include: linear programming, various types of functions and inequalities (including exponential, logarithmic and polynomials), trigonometric functions, equations and applications, sequence and series. Application problems will be emphasized and students are strongly encouraged to purchase a graphing calculator. This course requires summer work.

### **3350 PRE-CALCULUS – Level III**

Grade - 11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite -Algebra II Level III & Teacher Recommendation

[LC-4 credits]

NCAA Clearing House: Yes

This course is designed for accelerated math students. It follows the same curriculum as 3300 Pre-Calculus and adds advanced trigonometric, combinatorics, probability, conic sections and polar coordinates as time allows. Students will go into greater depth and be expected to solve more challenging problems. This course requires summer work.

### **3460 AP® CALCULUS**

Grade - 11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite - Pre-Calculus

[LC-4 credits]

NCAA Clearing House: Yes

This course will be an introduction to calculus. Algebraic skills will be emphasized along with some theory. Several laboratory experiments will be used to develop the major topics of: limits, and differentiation and integration. Included will be the use of the CBL (time permitting). A graphing calculator is recommended for this course.

### **3420 DISCRETE MATHEMATICS**

Grade - 11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite – Pre-Calculus

NCAA Clearing House: Yes

This course will provide students with an understanding of an array of mathematical concepts and methods which form the foundation of modern information science, in a form that will be relevant and useful for all students, especially those who wish to pursue a degree in Computer Information Systems. Topics will include, but not be limited to, Boolean logic, combinations and permutations, Model Theory, Boolean algebra, basic number theory and the study of binomial coefficients.

#### **0922 ALGEBRA IA - RESOURCE**

Grade- 9	6 periods/cycle	Credit 1	Full Year
Prerequisite – Teacher Recommendation			NCAA Clearing House: No

This course is designed for students requiring small group instruction to provide comprehensive coverage of Algebra 1 topics aligned to meet the state standards. Algebra IA introduces the following algebraic concepts: numbers and operations, using formulas, solving and graphing linear equations and inequalities, systems of equations, probability and statistics. As topics are introduced and developed, students experience concepts through real-world applications.

#### **0931 ALGEBRA IB - RESOURCE**

Grade- 10	6 periods/cycle	Credit 1	Full Year
Prerequisite – Teacher Recommendation			NCAA Clearing House: No

This course is designed for students requiring small group instruction to provide the second course in a two-year program that provides a comprehensive coverage of Algebra 1 topics aligned to meet the state standards. Students will take the Algebra 1 Keystone Exam following completion of this course. Algebra IB introduces the following algebraic concepts: systems of equations, non-linear functions, polynomials and factoring, quadratics, and right angle relationships. As topics are introduced and developed, students experience concepts through real-world applications.

#### **0932 FUNCTIONAL MATH - RESOURCE**

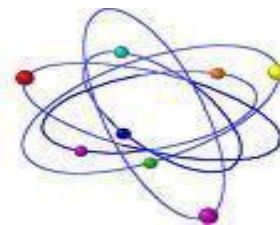
Grade- 11	6 periods/cycle	Credit 1	Full Year
Prerequisite – Teacher Recommendation			NCAA Clearing House: No

This course is designed for students requiring small group instruction who were not proficient on the Algebra I Keystone Exam when administered during 0931 Algebra IB. In addition to remediation, students will to apply basic skills in mathematics to everyday problems they will encounter as adults.

#### **0933 CONSUMER MATH - RESOURCE**

Grade- 12	6 periods/cycle	Credit 1	Full Year
Prerequisite – Teacher Recommendation			NCAA Clearing House: No

This course is designed for students requiring small group instruction to apply basic skills in mathematics to everyday problems they will encounter as adults. The emphasis will be upon making wise decisions as a consumer and increasing knowledge pertaining to personal finance. Topics will include: gross pay and net pay, income taxes, purchasing consumer goods, banking services, insurance costs and benefits and housing costs.



# SCIENCE

## Sequence of Core Courses

<u>Career</u>	<u>Tech School</u>		<u>College</u>	
General Science	General Science	Biology I*	General Science	Biology I*
Biology I	Biology I	Chemistry (Level II or III)	Biology I*	Chemistry (Level II or III)
-Chemistry -Ag Science -Career Focused Electives	-Chemistry -Earth Science -Career Focused Electives	-Career Focused Electives	- Chemistry (Level II or III)	-HACC General Biology I/II -AP® Chemistry -Anatomy and Physiology -Physics
			HACC General Biology I/II -AP® Chemistry -Anatomy and Physiology -Physics	

\*Students must have completed Algebra I in 8<sup>th</sup> grade to take Biology in 9<sup>th</sup> grade

### 4060 GENERAL SCIENCE

Grade – 9

6 periods/cycle

Credit 1

Full Year

Prerequisite ~ None

NCAA Clearing House: Yes

This course is designed to support students who will take the Keystone Biology Course and Keystone Biology Exam. This course will address the State Science Standards in Science and Technology and Environment and Ecology and Biology. Topics will include but are not limited to overviews of basic chemistry, ecology, evolution, and scientific method.

### 0946 RESOURCE GENERAL SCIENCE

Grade – 9

6 periods/cycle

Credit 1

Full Year

Prerequisite – Teacher Recommendation

NCAA Clearing House: No

This course is designed to support students who will take the Keystone Biology Course and Keystone Biology Exam. This course will address the State Science Standards in Science and Technology and Environment and Ecology and Biology. Topics will include but are not limited to overviews of basic chemistry, ecology, evolution, and scientific method. Placement in this course is determined by the IEP team.

### 4125 BIOLOGY I – Level II

Grade – 9, 10

6 periods/cycle

Credit 1

Full Year

Prerequisite – 9<sup>th</sup> Grade: Algebra I and Teacher Recommendation

10<sup>th</sup> Grade: General Science

NCAA Clearing House: Yes

This course is designed for students who will take the Biology Keystone Exam and will address the State Science Standards in Science and Technology and Biology. It is divided into several main topics

and includes laboratory work. Topics presented are the scientific method, the chemical basis of life, cell structure and function, genetics, evolution, and ecology.

#### **4140 BIOLOGY I – Level III**

Grade - 10                  6 periods/cycle                  Credit 1                  Full Year  
Prerequisite – Algebra I and Teacher Recommendation                  NCAA Clearing House: Yes

This course is similar to 4125 Biology I, except it is taught as an honors course with more in-depth content and labs and an emphasis on critical thinking skills. At the conclusion of this course, students will take the Biology Keystone Exam. It is divided into several main topics and includes laboratory work. Topics presented are the scientific method, the chemical basis of life, cell structure and function, genetics, evolution, and ecology.

#### **0942 RESOURCE BIOLOGY I**

Grade – 10                  6 periods/cycle                  Credit 1                  Full Year  
Prerequisite – Teacher Recommendation                  NCAA Clearing House: No

This course is designed for students requiring small group instruction and will address the State Science Standards in Science and Technology and Biology. Topics presented include: the scientific method, the chemical basis of life, cell structure and function, photosynthesis and respiration, genetics, and evolution. Placement in this course is determined by the IEP team.

<i><b>Science Elective Rotation</b></i>				
<b>Course Name &amp; Number</b>	<b>Credit Value</b>	<b>2023-2024</b>	<b>2024-2025</b>	<b>2025-2026</b>
Chemistry Level III (4240)	1	X	X	X
HACC Biology 101 ()	1.5	X	X	X
HACC Biology 102 ()	1.5	X	X	X
Anatomy and Physiology (4345)	1	X	X	X
AP Chemistry (4245)	1	X	X	X
Physics Level III (4330)	1	X	X	X
Earth Science Level II (4030)	1		X	
Marine Science (4670)	0.5	X	X	X
Diversity of Life (4810)	0.5	X	X	X

#### **4230 CHEMISTRY - Level II**

Grade – 10, 11, 12                  6 periods/cycle                  Credit 1                  Full Year  
Prerequisite - Biology and Algebra I Keystone Exam Proficiency or by teacher approval.  
NCAA Clearing House: Yes

This is a course designed for college bound students. Experimental and theoretical aspects of chemistry are explored. This class will contain many mathematical formulas and calculations that will require a heavy use of Algebra I skills. Topics covered include atomic and electron structure; chemical bonding, reactions, and quantities; solution concentration; and the gas laws. Laboratory work is required.



**4240 CHEMISTRY – Level III**

Grade – 10, 11, 12      6 periods/cycle      Credit 1      Full Year  
Prerequisite - Biology and Algebra I Keystone Exam Proficiency or by teacher approval.  
NCAA Clearing House: Yes

This is a course designed for college bound students who are considering a career in science, medicine, or engineering. This course is similar in content to 4210 CP Chemistry; however, topics will be explored faster, more in-depth, and with a greater emphasis on critical thinking skills. Time permitting, additional topics of equilibrium and thermochemistry will be included. Summer work may be required.

**4245 AP® CHEMISTRY**

Grade – 11, 12      6 periods/cycle      Credit 1      Full Year  
Prerequisite – Teacher Recommendation. Students will be required to provide transportation to Susquenita roughly every other day.  
NCAA Clearing House: Yes

Please be aware that this chemistry course is a difficult course. Students that have signed up for this course must be willing to dedicate a large amount of their time outside of school to the task of learning chemistry to this degree. It is estimated that some will spend at least one hour outside of school for each day in class. Much of the time will be in research and producing professional grade documents for class. Therefore, the student should have a great deal of organizational skills and academic ethics. You will be required to read and become skilled at many chemistry concepts before they are approached in class. Please review the guidance office policies for dropping classes before you commit yourself to this course. The prerequisites for Chemistry are successful completion of algebra and biology. For Advanced Placement Chemistry the student should have an average of 93% in each of the following classes: Chemistry, Biology, and Algebra II. If you are below this in any area please review the seriousness of this endeavor.

**4330 PHYSICS – Level III**

Grade – 10, 11, 12      6 periods/cycle      Credit 1      Full Year  
Prerequisite – Algebra II and enrolled in an advanced math and teacher recommendation  
NCAA Clearing House: Yes

This course is designed for the college bound student with an interest in a math/science career. The course encourages students to view physics as an ongoing process which leads to an understanding of the universe. Study centers on mechanics, waves, heat, light, electricity, and magnetism. Students master concepts through computer and laboratory work, challenging exercises, and textual materials. This course uses higher level math as a basis for concept understanding.

**D4008 GENERAL BIOLOGY I (HACC – BIOL 101)**

Grade- 12      6 periods/cycle      Credit 1.5      Semester  
Prerequisite - Biology & Chemistry (Level II or III), Teacher Recommendation  
HACC Requirements      NCAA Clearing House: Pending Approval

Emphasizes biological organization; basic biochemistry; biophysics of living systems; membrane dynamics; cellular structures and functions; cellular reproduction, photosynthesis; cellular respiration; chromosomal and molecular inheritance. This course is intended for science majors. A course fee is required and a possible book purchase may be required. This course counts as 4 HACC credits.

**D4009 GENERAL BIOLOGY II (HACC – BIOL 102)**

Grade- 12                      6 periods/cycle                      Credit 1.5                      Semester  
Prerequisite: HACC Biology 101; HACC Requirements NCAA Clearing House: Pending Approval

Continues the competencies taught in BIOL 101. This course emphasizes basic life functions of animal systems as it provides a detailed examination of organ systems which, in the mammal, support homeostasis. In addition, this course presents the principles of heredity, reproduction and embryology; evolution as a process; and structure, function, and classification of major phyla of the animal kingdom. A course fee is required and a possible book purchase may be required. This course counts as 4 HACC credits.

**4345 ANATOMY AND PHYSIOLOGY - HONORS**

Grade – 11, 12                      6 periods/cycle                      Credit 1                      Full Year  
Prerequisite – Biology Level II/III and Chemistry Level II/III; instructor recommendation  
[LC-4 credits]    NCAA Clearing House: Yes

This is an elective biology course which highlights human anatomy and physiology. This course provides students with laboratory experiences, including a cat dissection. This is recommended for students planning to enter the medical field (i.e., nursing). Due to being an elective class, no alternatives to dissections are available.

**4670 MARINE SCIENCE**

Grade – 10, 11, 12                      6 periods/cycle                      Credit 0.5                      Semester  
Prerequisite – Biology    NCAA Clearing House: Yes

Students will learn about the chemistry of the ocean, the diversity of ocean life, marine ecology, and the impact that humans have on the world's oceans. Students will review the structure of water molecules and learn about the composition of sea water. Marine organisms that are studied will include microbes, plant life, invertebrates, and vertebrates. Students will also learn about many ecosystems within the world's oceans, and how biotic and abiotic factors interact within these ecosystems as well as explore human impacts on marine ecosystems including overexploitation, types of pollution, and climate change. Due to being an elective class, no alternatives to dissections are available.

**4810 DIVERSITY OF LIFE**

Grade – 10, 11, 12                      6 periods/cycle                      Credit 0.5                      Semester  
Prerequisite – Biology    NCAA Clearing House: Yes

This course is a further study of biology which includes how viruses and bacteria cause infection. As well as classification and aspects of protists, fungi, plants, animals and a closer look particularly at arthropods.



# SOCIAL STUDIES

Sequence of Core Courses

<u>Career</u>	<u>Tech School</u>	<u>College</u>
US History I (Level I)	US History I (Level I or II)	US History I (Level II)
US History II*(Level I)	US History II (Level I or II)*	US History II (Level II) or US History II (Level III)
Topics in Modern World History I** (Level I)	Topics in Modern World History (Level I** or II)	Topics in Modern World History (Level II**) or Topics in Modern World History (Level III)
American Government (Level I)	American Government (I or II)	American Government II or American Government AP®

\* CPACTC - American History

\*\* CPACTC - World History

## 0951 UNITED STATES HISTORY I - RESOURCE

Grade – 9

6 periods/cycle

Credit 1

Full Year

Prerequisite – Teacher Recommendation

NCAA Clearing House: No

This course is designed for students requiring small group instruction and will explore our English heritage, causes of our separation from England, the Revolutionary War, formation of the U.S. government, causes of the Civil War, the Civil War, and Reconstruction. Placement in this course is determined by the IEP team.

## 2120 UNITED STATES HISTORY I (Level I)

Grade – 9

6 periods/cycle

Credit 1

Full Year

Prerequisite – None

NCAA Clearing House: No

The mission of this course is to instill in the student an appreciation and knowledge of the people and events that have shaped our nation: Our English heritage, causes of our separation from England, the Revolutionary War, formation of the U.S. government, westward expansion, causes of the Civil War, the Civil War, and Reconstruction. Added dimensions include an emphasis on how people lived, major personalities, the link between geography and history, and how technology has changed our lives. Reinforcement of language arts skills is also emphasized.

## 2130 UNITED STATES HISTORY I (Level II)

Grade – 9

6 periods/cycle

Credit 1

Full Year

Prerequisite – Enrolled in LITERATURE II (Level II)

NCAA Clearing House: Yes

This course is recommended for those students who plan to further their education. Analytical examination of American history and its relationship to society today are emphasized. Topics to be covered include: Our European heritage, causes of our separation from England, the Revolutionary

War, formation of our government, westward expansion, causes of the Civil War, the Civil War, and Reconstruction. Added dimensions include an emphasis on how people lived, major personalities, the link between geography and history, and the influence of technology on our lives. Course work involves simulations, note taking, outside reading, research, and oral presentations. Reinforcement of language arts skills is also emphasized.

### **0952 UNITED STATES HISTORY II - RESOURCE**

Grade – 10	6 periods/cycle	Credit 1	Full Year
Prerequisite –US History I RES/Teacher Recommendation			NCAA Clearing House: No

This course is designed for students requiring small group instruction and will continue where US I left off. Content areas examine the post-Civil War era, the rise of industrialism as well as Westward Expansion. Further study will track the development of America as a world power, resulting in power conflicts from the turn of the century to the present. Placement in this course is determined by the IEP team.

### **2220 UNITED STATES HISTORY II (Level I)**

Grade – 10	6 periods/cycle	Credit 1	Full Year
Prerequisite –US History I			NCAA Clearing House: No

The story of America continues in this sequel to U.S. History I. Content areas examine the rise of industrialism as well as immigration and labor concerns. Further study will track the development of America as a world power, resulting in power conflicts from the turn of the century to the present. The interrelationship of history and social change will be explored. Reinforcement of language arts skills is also emphasized.

### **2230 UNITED STATES HISTORY II (Level II)**

Grade – 10	6 periods/cycle	Credit 1	Full Year
Prerequisite –US History I Level II			NCAA Clearing House: Yes

For the college-bound student, this course offers an expansive view of how modern America came to be. Beginning an examination of the rise of industrialism, students will travel along the national path to the America we know today. The course examines social issues, economic growth cycles, literature, the arts, popular culture, and foreign policy. Guided research, writing, and reading of diverse primary and secondary sources are skills offered for collegiate success.

### **2240 UNITED STATES HISTORY II – Level III**

Grade – 10	6 periods/cycle	Credit 1	Full Year
Prerequisite – US History I Level II and teacher recommendation [LC-3 credits]			NCAA Clearing House: Yes

This course is designed for the advanced college preparatory student who seeks challenges and is capable of learning at an accelerated rate. Students are expected to have proficient writing skills since emphasis will be placed on improving writing and researching skills. Sharing of ideas and critical thinking are also vital to the course so class discussion will be assessed. Students are expected to go beyond accumulation of facts to higher levels of thinking. Additionally, a major research paper is required. It is similar in content to US History II.

**0956 MOD WORLD HISTORY ~ RESOURCE**

Grade- 11	6 periods/cycle	Credit 1	Full Year
Prerequisites - US History II –RES/Teacher Recommendation			NCAA Clearing House: No

This course is designed for students requiring small group instruction where they will discover how PA became the focal point of the struggle between empires, and learn about its vital role in the fight for independence and its contributions to the creation of our democratic republic. Also, the four main themes to be examined are “Genocide Across the Globe”, “Conflict in the Middle East”, “Post-Cold War Asia” and “Colonies Become Nations”. Some specific topics will concern the creation of Israel, genocide in Rwanda, the development of Africa, and American interaction in Asia. Placement in this course is determined by the IEP team.

**2655 TOPICS IN MODERN WORLD HISTORY – Level I**

Grade - 11	6 periods/cycle	Credit 1	Full Year
Prerequisite –US History II			NCAA Clearing House: No

In their junior year, students will examine a variety of themes concerning the history of modern world society. In acknowledgement of our ever-shrinking globe, these topics will address issues from around the world. Some themes to be examined are genocide, conflict in the Middle East, the growing economic importance of Asia, the political development of South America, and the impact of terrorism.

**2665 TOPICS IN MODERN WORLD HISTORY – Level II**

Grade - 11	6 periods/cycle	Credit 1	Full Year
Prerequisite –US History II Level II			NCAA Clearing House: Yes

This course is designed for either college bound students or those students who have shown a high proficiency in Social Studies. Content, which is similar to 2655, will be explored in greater detail. Students will complete additional, in-depth projects.

**2670 TOPICS IN MODERN WORLD HISTORY – Level III**

Grade - 11	6 periods/cycle	Credit 1	Full Year
Prerequisite – Successful completion of US History II Level II or US History II Level III and teacher recommendation [LC-3 credits]			NCAA Clearing House: Yes

This course is designed for the college bound student who is seeking an opportunity to further develop research and analytical skills. Content, which is similar to 2665, will be explored in much greater detail. Students will examine current events within the context of recent history. An emphasis will be placed on the use of primary sources, multiple perspectives, and realistic solutions to various problems.

**0953 AMERICAN GOVERNMENT AND ECONOMICS ~ RESOURCE**

Grade 12	6 periods/cycle	Credit 1	Full Year
Prerequisite Modern World History RES/Teacher recommendation			NCAA Clearing House: No

This course is designed for students requiring small group instruction and will prepare the student to be a knowledgeable citizen of the United States, the Commonwealth of Pennsylvania and his or her local municipality AND offer the student the opportunity to gain a strong working knowledge of the American economic system. Placement in this course is determined by the IEP team.

**2520 AMERICAN GOVERNMENT AND ECONOMICS – Level I**

Grade 12

6 periods/cycle

Credit 1

Full Year

Prerequisite – Successful completion of Modern World History NCAA Clearing House: No

This course is designed to prepare the student to be a knowledgeable citizen of the United States, the Commonwealth of Pennsylvania and his or her local municipality AND offer the student the opportunity to gain a strong working knowledge of the American economic system. One part of the course will focus on how to take part in the many levels of government in our participatory society. Students will learn to recognize the different government levels and know the general duties and responsibilities of each level of government. Students will look at how both criminal and civil law systems work, as well as examine our political party system. Finally, students will examine their “unalienable” rights as guaranteed by the Constitution of both or nation and our state. The second part of the course address such topics as supply and demand, business cycles, inflation, government fiscal and monetary policies, business and corporate operations, investing, international finance and trade, marketing, types of economic systems, personal finance and other key economic topics. As part of the course, students are required to attend a local government meeting and complete at least ten hours of community service.

**2530 AMERICAN GOVERNMENT AND ECONOMICS – Level II**

Grade 12

6 periods/cycle

Credit 1

Full Year

Prerequisite –Modern World History Level II

NCAA Clearing House: Yes

This course is designed for college bound students or students who have shown a high proficiency in social studies. The content is similar 2520 with additional reading assignments and projects, including a 6-8 page position paper. As part of the course, students are required to attend a local government meeting and complete at least ten hours of community service. There is also a heavy concentration on college level reading and writing assignments to further prepare students for what they will experience in their college experience.

**2545 AP® US GOVERNMENT & POLITICS**

Grade - 11, 12

6 periods/cycle

Credit 1

Full Year

Prerequisite –Topics in Modern World History Honors and teacher recommendation

[LC-3 credits]

NCAA Clearing House: Yes

Students who take this class will have the opportunity to earn college credit by taking the AP US Government & Politics test in the spring and are therefore expected to work at a college level. To reflect the students’ commitment to this level of work a summer readings are requirements prior to the start of the course. As a college course, AP US Government & Politics involves significant nightly reading and a large volume of information. Students are responsible for their own learning. AP United States Government & Politics is the study of the origins and early development of our government, as well as the influences of political parties, civil rights, interest groups, and the media on elections and government functions. As a result, we will study the principles and theories that molded the Constitution, as well as Supreme Court cases that impacted government function, purpose, and power. We will also study the rights and powers of the American people to participate in, influence, and change the United States’ government.

**2430 PSYCHOLOGY**

Grade - 11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite –Biology I and teacher recommendation

NCAA Clearing House: Yes

Modern Psychology is defined as the scientific study of human behavior and mental processes. Students in this class can expect to learn about why people act and think the way they do. We will

start by studying the human body, its nervous system and our senses, as an introduction to behavior. We will continue by looking at the following areas within psychology: learning, human development, personality, cognition, psychological disorders, and social psychology. This course is designed as an active learning experience with numerous projects and activities in addition to traditional tests. Students will be challenged to participate and put forth their best creative efforts.

### **2450 AP® PSYCHOLOGY**

Grade - 11,12                                  6 periods/cycle                          Credit 1                          Full Year  
Prerequisite – Biology I & teacher recommendation [LC-3 credits]NCAA Clearing House: Yes

Students who take this class will have the opportunity to earn college credit by taking the AP Psychology test in the spring and are therefore expected to work at a college level. To reflect the students' commitment to this level of work a summer reading and written paper are requirements due at the start of the course. As a college course, AP Psychology is reading and information heavy so students should be warned about this work load. Psychology is the scientific study of behavior and mental processes. Psychology is not just the ideas and guesses of a casual observer because it relies on the scientific method and empirically supported facts. In keeping with this definition, we will study the principles and theories related to the major fields of psychology that have been verified using scientific and empirical investigation. We will also examine the ethical issues that psychologists face in research and practice.

### **2550 EARLY EUROPEAN HISTORY**

Grade - 11, 12                                  6 periods/cycle                          Credit 1                          Full Year  
Prerequisite – Successful completion of US History II                          NCAA Clearing House: Yes

This course is designed for the serious student of history who desires preparation for the college experience. The student will explore the history, geography, art, economics and politics of Europe. Emphasis will be placed on the emergence of Europe as a distinct civilization that was a fusion of classical, Christian, and Germanic elements. Periods to be studied include the Middle Ages, the Renaissance, and the Reformation. Concepts such as feudalism and nationalism will be considered as they apply to various stages of European History.

**(This course is offered bi-annually next offerings include 2025/2026 and 2027/2028)**

### **2555 MODERN EUROPEAN HISTORY**

Grade - 11, 12                                  6 periods/cycle                          Credit 1                          Full Year  
Prerequisite - Successful completion of US History II                          NCAA Clearing House: Yes

This course is designed for the serious student of history who desires preparation for the college experience. The student will examine the history of Europe from the Age of Absolutism through World War I. Areas of focus will include major political and social developments, including the rise of socialist and nationalist movements, imperialism and international relations, the rise of communism in Russia, and the devastation of Europe caused by World War I.

**(This course is offered bi-annually next offerings include 2025/2026 and 2027/2028)**

### **2600 HOLOCAUST STUDIES**

Grade - 11, 12                                  6 periods/cycle                          Credit .5                          Semester  
Prerequisite – Successful completion of US History II                          NCAA Clearing House: Yes

This course provides an in-depth look at one of the most horrendous events in recent human history: the slaughter of six million Jewish people and millions of other people during the Nazi era. It strives to combat prejudice and bigotry by transforming the horrors of the Holocaust into positive

lessons to help make this a better and safer world for everyone. The course will help the student examine basic moral issues and address a basic tenet of American education, which is to examine what it means to be a responsible citizen. Due to the subject matter of the course, students will be confronted images and ideas that may be offensive to some.

**(This course is offered bi-annually next offerings include 2024/2025 and 2026/2027)**

## **2750 WORLD CULTURES**

Grade – 10, 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite – none

NCAA Clearing House: Yes

This course assists students in understanding the diverse populations of the world. The course will examine and compare the political systems, religion, social structures, and economic systems of different cultures. It will also examine the impact of these areas on human culture and the impact of cultural conflict.

**(This course is offered bi-annually next offerings include 2024/2025 and 2026/2027)**

## **2730 WORLD WAR II AMERICA**

Grade - 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite – Successful completion US History II

NCAA Clearing House: No

No nation has ever been faced with a greater challenge than the United States in World War II, nor has any nation ever been more unprepared to face it. Yet, the industry and innovation of the American people met the vital challenge and established the foundations of the greatest superpower the world has ever known. Find out how America rose to meet the challenges of fascism and totalitarianism. Discover what life was like for civilians, soldiers, workers, and children. Study the efforts of how the United States Government transformed the lives of Americans in entertainment, propaganda, education, family life, broadcasting, print media, and government services. Participants in this course are required to engage in reconstructing history – through documents, oral histories, interviews, films, and artifacts.

**(This course is offered bi-annually next offerings include 2023/2024 and 2025/2026)**



**2740 MILITARY HISTORY**

Grade – 11, 12    6 periods/cycle    Credit .5

Prerequisite –US History I and US History II

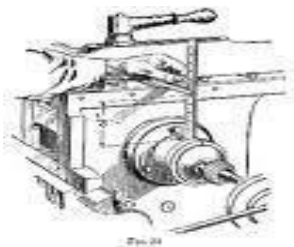
Semester

NCAA Clearing House: No

This course is a fast paced, in depth look at the reasons why Mankind has been motivated over the centuries to engage in this most destructive of all human endeavors. The course begins with a brief study of the foundations of Western and Eastern modes of warfare. The course will then progress through several military eras from the Dark Ages to the Modern Day. Each segment will focus on the analysis of the historical, political, economic, and most importantly the military science (tactics, weaponry, etc.) that influenced the outcomes of these conflicts. **Good research and reading skills are important**, as the student will be studying the lives of the common soldiers through personal narratives and research projects.

**(This course is offered bi-annually next offerings include 2023/2024 and 2025/2026)**

<i><u>Social Studies Elective Rotation</u></i>				
Course Name & Number	Credit Value	2023-2024	2024-2025	2025-2026
Early European History (2550)	0.5			X
Modern European History (2560)	0.5			X
Holocaust Studies (2600)	0.5		X	
World Cultures (2750)	0.5		X	
World War II: America (2730)	0.5	X		X
Military History (2740)	0.5	X		X



# ELECTIVES



## Business and Computer Science Offerings

<u>Course</u>	<u>2023-2024</u>	<u>2024-2025</u>	<u>2025-2026</u>
Career Interests, Skills, and Readiness (5000)	X	X	X
Personal Finance (5040)	X	X	X
Law and Ethics (5050)		X	X
Accounting I (5220)	X	X	X
Accounting II (5225)	X		
Intro to Business and Marketing (5265)	X		
Introduction to Computer Programming (5920)	X	X	X
Programming I (5555)	X	X	X
Programming II (5655)	X	X	X
Intro to Robotics (5950)	X	X	X
Robotics (5955)		X	
Web Design (5960)	X		
AP® Computer Science A (5975)	X		

### **5000 CAREER INTERESTS, SKILLS, AND READINESS**

Grade – 9-12

6 periods/cycle

Credit .5

Semester

Prerequisite – None

NCAA Clearing House: No

This **required course** will allow students to meet the requirements set forth in Chapter 339 and will assist students in navigating the future academically, financially, and professionally. Topics covered include professionalism, career readiness, financial literacy, entrepreneurship, and resource management. Students will be able to identify soft skills that will propel them toward success in the global economy. Career exploration will prepare individuals for the changing work environment. Money management will play a key role in the course, helping students to prepare for a secure financial future. Students will be given the tools necessary to be a productive citizen in any community.

### **5040 PERSONAL FINANCE**

Grade – 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite – None

NCAA Clearing House: No

Personal Finance will explore many areas of interest that will enhance your financial security. The student will discover new ways to maximize their earning potential, explore strategies for managing their resources, and gain valuable knowledge into the different ways of investing. Students will also acquire skills in budgeting, opening and maintaining a checking account, along with knowledge of the time value of money. Students will also benefit from the knowledge gained concerning the many types of insurance and their importance. Students will begin a lifelong journey of personal financial planning.

**5220 ACCOUNTING I**

Grade - 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite –None

NCAA Clearing House: No

This course teaches accounting theory. Accounting career paths are explored. Good business habits, business ethics, neatness and accuracy in preparing records, and problem solving are skills that are emphasized. Sole proprietorship and partnership for merchandising and service entities, are taught. This course is for students wanting to learn accurate business or personal record keeping.

**5225 ACCOUNTING II**

Grade - 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite -Accounting I

NCAA Clearing House: No

This course is an in depth look at the Accounting cycle. The material taught builds upon the information provided in Accounting I. Good business habits, business ethics, neatness and accuracy in preparing records, and problem solving are skills that are emphasized. Students will learn how to create, manage, and maintain accounting records for a merchandising business organized as a corporation. This course is for students working toward a business future.

**5265 INTRODUCTION TO BUSINESS AND MARKETING**

Grade- 9, 10, 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite –None

NCAA Clearing House: No

Business Communications is an orientation course designed for all students. This course will introduce the student to the world of business and help prepare them for their economic roles of consumer, worker, leader, and citizen. This course will assist the student with business decisions and development. It will focus on building skills such as effective planning and management. General principles are presented through this course and are intended to be a guide in taking your first step into the exciting world of business marketing and leadership.

**Potential Computer Science Course Sequencing**

<u>Sequence #1</u>	<u>Sequence #2</u>
Programming I (5555)	Introduction to Computer Programming (5920)
Programming II (5655)	Programming I (5555)
AP® Computer Science (5975)	Programming II (5655)
	AP® Computer Science (5975)

**5920 INTRODUCTION TO COMPUTER PROGRAMMING**

Grade – 9,10,11,12

6 periods/cycle

Credit .5

Semester

Pre-requisites: Algebra I

NCAA Clearing House: No

This course presents a smorgasbord of computer coding opportunities. It starts out with a taste of HTML 5, the language behind web sites. Web Design and Development would be a follow-up course for the HTML enthusiast. Next, students will follow and learn the Computer Science Discoveries series from [Code.org](http://Code.org), which is an introductory computer science course mapped to CSTA standards. The course takes a wide lens on computer science by introduction to programming and app design with a heavy focus on important skills like debugging, pair programming, and user testing. Students will learn how to design user interfaces, write event-driven programs, build apps that store and process large amounts of information, explore how scientists design algorithms to solve problems and how they analyze the speed of different algorithms, and explore how list, loops,

and traversals can be used to build apps. Students will design projects such as apps, animations, and games covering the topics of problem solving, programming, physical computing, user centered design, and data. Programming I would be a follow up course for students who are interested in more in-depth programming concepts.

### **5555 PROGRAMMING I**

Grade - 9,10,11,12	6 periods/cycle	Credit .5	Semester
Prerequisite – None			NCAA Clearing House: No

This course will introduce the students to an object-oriented programming language, Java, and is intended for students who exhibit a love of mathematics-based problem solving. Topics will include, but are not limited to, primitive variables, the string class, conditional statements, loops and nested loops, and output features. Most projects are done individually although some are completed with a partner. No previous programming experience or skills are necessary, though an interest in mathematics and algebra should be present. This course is an elective for all students.

### **5655 PROGRAMMING II**

Grade - 10,11,12	6 periods/cycle	Credit .5	Semester
Prerequisite -5555 PROGRAMMING I and teacher recommendation			NCAA Clearing House: No

This course will explore topics learned in Java I at greater depth, as well as introduce one- and two-dimensional arrays, text files and console interaction. Problem solving will remain the focus of the course. Projects and content may be flexible, dependent upon the students' interests.

### **5951 Intro to Robotics**

Grade -9, 10, 11, 12	6 periods/cycle	Credit .5	Semester
Prerequisite – None			NCAA Clearing House: No

This course is devoted to logic, computer programming, and problem solving using robots to solve authentic problems. The course uses programming language to develop a foundation in coding and programming designed to direct and control the movement of robots. Additionally, students will work with a variety of sensors that allow their robot to interact with its environment to help it make simple decisions based upon logic and data. Hands-on in nature, this course allows students to design and build the robots, program them, and then test them to determine how well they work. Students will use the Engineering Design Process (EDP) to organize and assess their work and make improvements as needed.

### **5960 WEB DESIGN PROGRAMMING**

Grade – 9,10,11,12	6 periods/cycle	Credit .5	Semester
Prerequisite: Algebra I			NCAA Clearing House: No

This course introduces students to the mechanics and elements of HTML programming as well as using the CSS programming language for the design of static web sites. Students will learn the concepts of planning and organizing websites, and documentation and copyright issues associated with website design. Students will progress through the course, engaging in a variety of project-based assessments to evaluate their understanding.

### **5975 AP® COMPUTER SCIENCE A**

Grade – 11,12	6 periods/cycle	Credit 1.0	Full Year
Prerequisite: PROGRAMMING II	[LC-3 credits]		NCAA Clearing House: No

Students will learn to design and implement computer programs that solve problems relevant to today's society; problems in fields such as engineering, mathematics, media and art. Students will also learn to apply programming tools and solve complex problems through hands-on experiences and examples.

### Technology & Engineering Education Offerings

<u>Course</u>	<u>2023-2024</u>	<u>2024-2025</u>	<u>2025-2026</u>
Exploring Metalworking & Electrical Tech (7005)	X	X	X
Exploring Wood & Plastics Technology (7010)	X	X	X
Exploring Graphics Technology (7015)			X
Home Projects (7020)	X	X	X
Transportation Systems Eng. & Design (7025)	X	X	X
Structural Engineering (7030)			X
Ind Metal Tech (7100)		X	X
Wood Technology (7110)	X	X	X
Plastics Tech (7120)		X	
Fine Metal Tech (7130)	X		X
Construction Tech (7140)	X		X
Technical Sketch (7150)			X
Engineering Graphics (7160)			X
Graphic Communication Technology (7175)			X
CAD - Computer Aided Drafting (7205)			X
Architectural Drafting (7215)			X
Digital & Print Media (7250)			X
Digital Audio & Video Production (7260)	X	X	X

#### **7005 EXPLORING METALWORKING & ELECTRICAL TECHNOLOGY**

Grade - 9,10,11,12

6 periods/cycle

Credit .5

Semester

Prerequisite - None

NCAA Clearing House: No

Exploring Metalworking and Electrical Technology allows students to explore some of the various concepts, materials, and processes used by industry related to working with various metals, metal working processes, and electrical applications. The course incorporates Science, Technology, Engineering, Art, and Math (STEAM) to develop skill in thinking, writing, verbal, and visual communication delivered in a hands-on oriented approach to learning. Tools and general safety are a focus of instruction in the course; along with problem solving and critical thinking. This course may be taken alone, or in conjunction with other Exploring Technology courses to build a broader making and building experience.

#### **7010 EXPLORING WOOD & PLASTICS TECHNOLOGY**

Grade - 9,10,11,12

6 periods/cycle

Credit .5

Semester

Prerequisite - None

NCAA Clearing House: No

Exploring Wood and Plastics Technology allows students to explore some of the various concepts, materials, and processes used by industry related to working with various polymers (wood &

plastics) used for making and building products. The course incorporates Science, Technology, Engineering, Art, and Math (STEAM) to develop skill in thinking, writing, verbal, and visual communication delivered in a hands-on oriented approach to learning. Tools and general safety are a focus of instruction in the course; along with problem solving and critical thinking. This course may be taken alone, or in conjunction with other Exploring Technology courses to build a broader making and building experience.

## **7020 HOME PROJECTS**

Grade - 9,10,11,12

6 periods/cycle

Credit .5

Semester

Prerequisite - None

NCAA Clearing House: No

Home projects allow students to experience principles and practices associated with basic home repairs such as light electrical work, plumbing, finishes, landscaping, appliances, automotive, home safety, and other forms of general maintenance. The course incorporates Science, Technology, Engineering, Art, and Math (STEAM) to develop skill in thinking, writing, verbal, and visual communication delivered in a hands-on oriented approach to learning where students will fix, make, and build in ways associated with the challenge of home ownership. Tools and general safety are a focus of instruction in the course; along with problem solving and critical thinking.

## **7025 TRANSPORTATION SYSTEMS ENGINEERING AND DESIGN**

Grade - 10, 11, 126 periods/cycle

Credit .5

Semester

Prerequisite – Algebra I

NCAA Clearing House: No

TSE&D allows students to experience the Engineering Design Process (EDP) to build and race a CO<sub>2</sub>-powered dragster using a Technology Student Association (TSA) design brief. Students will be required to solve authentic problems framed by competition requirements and limitations. The course incorporates Science, Technology, Engineering, Art, and Math (STEAM) to develop skill in thinking, writing, verbal, and visual communication delivered in a hands-on oriented approach to learning. At the conclusion of this course students should be able to use their vehicle to qualify and compete at PA-TSA regional competition if their design has met the requirements. Membership in TSA club is not mandatory for this class but is highly recommended. TSE&D is offered only during the fall semester so that the course timeline aligns with the TSA regional competition timeline for those students who choose to compete with the West Perry Chapter of TSA.

## **7110 WOOD TECHNOLOGY**

Grade - 10,11,12

6 periods/cycle

Credit .5

Semester

Recommended Prerequisite - Exploring Wood and Plastics Technology

NCAA Clearing House: No

Wood Technology allows students to experience advanced processes that involve the cutting and shaping of woods to build a higher-level project. Building in this course requires students to develop more advanced fit, finish, and joinery skills to achieve a high-quality product. The course incorporates Science, Technology, Engineering, Art, and Math (STEAM) to develop skill in thinking, writing, verbal, and visual communication delivered in a hands-on oriented approach to learning. Tools and general safety are a focus of instruction in the course; along with problem solving and critical thinking. Wood Technology is designed to extend student experience beyond Exploring Wood and Plastics Technology and students are expected to engage and act with more responsibility and maturity in this course.

### **7130 FINE METAL TECHNOLOGY**

Grade - 10,11,12      6 periods/cycle      Credit .5      Semester  
Recommended Prerequisite - Exploring Metalworking and Electrical Technology  
NCAA Clearing House: No

Fine Metal Technology allows students to experience advanced processes that include layout and assembly, hard and soft soldering, and casting and forming to build a variety of higher-level projects from sheet metal and metal ingots. Building in this course requires students to develop an understanding of properties, processes, and fabrication to achieve high-quality products. The course incorporates Science, Technology, Engineering, Art, and Math (STEAM) to develop skill in thinking, writing, verbal, and visual communication delivered in a hands-on oriented approach to learning. Tools and general safety are a focus of instruction in the course; along with problem solving and critical thinking. Fine Metal Technology is designed to extend student experience beyond Exploring Metal Technology and Electricity and students are expected to engage and act with more responsibility and maturity in this course.

### **7140 CONSTRUCTION TECHNOLOGY**

Grade - 10,11,12      6 periods/cycle      Credit .5      Semester  
Prerequisite - None      NCAA Clearing House: No

Construction Technology allows students to experience working with modern building materials and practices on a small construction project. Building in this course requires students to develop an understanding of blueprint reading, estimating, site preparation, masonry, frame construction, weather proofing, and construction techniques to achieve high-quality results. The course incorporates Science, Technology, Engineering, Art, and Math (STEAM) to develop skill in thinking, writing, verbal, and visual communication delivered in a hands-on oriented approach to learning. Tool and general safety are a focus of instruction in the course; along with problem solving and critical thinking. Construction Technology is designed to extend student experience beyond Exploring Metal Technology and Electricity and students are expected to engage and act with more responsibility and maturity in this course.

### **7260 DIGITAL AUDIO & VIDEO PRODUCTION**

Grade - 10, 11, 12      6 periods/cycle      Credit .5      Semester  
Prerequisite - Journalism I      NCAA Clearing House: No

Digital Audio & Video Production is designed to focus on electronic-based recording technologies used to capture audio and/or video communication. Students will learn industry-based procedures and processes for producing and editing projects. A combination of Chromebook and laptop technology will be used as tools to optimize the experience. Software and apps like Audacity and iMovie, or their equivalent, will be used to capture, edit, and mix content. Skills such as storyboarding, shooting/recording, editing, blocking/assembling, producing, sequencing, and taking will be covered. Digital photography, microphone mapping, mixing, and mastering will all be explored and practiced. Students who are considering a career path in the recording industry (audio or video) should consider taking this course.

### **7800 CREATIVE CLOTHING**

Grade~ 9, 10, 11, 12      6 periods/cycle      Credit .5      Semester  
Prerequisite- None      NCAA Clearing House: No

This course is a basic sewing class with emphasis on reading a pattern, use of the sewing machine, and learning several hand stitches. Students will complete two sewing projects.

**7830 EXPLORING FOODS**

Grade- 11,12

6 periods/cycle

Credit .5

Semester

Prerequisite- None

NCAA Clearing House: No

In this course, students will learn how to prepare a variety of delicious foods incorporating art into their food preparation. This course focuses on measurements, reading and following recipes, proper nutrition and diet, and kitchen safety.

**7840 CREATIVE INTERIORS**

Grade - 9,10,11,12

6 periods/cycle

Credit .5

Semester

Prerequisite- None

NCAA Clearing House: No

Students interested in interior design will enjoy creating floor plans of their “dream house” and other similar projects. Various styles of architecture and housing will be studied as well as different decorating techniques. One of the highlights of this course is creating a small scale version of a room complete with furniture, floor and window treatments, and wall coverings.

**7850 EFFECTIVE PARENTING**

Grade - 9,10,11,12

6 periods/cycle

Credit .5

Semester

Prerequisite- None

NCAA Clearing House: No

This course will help students to thoroughly examine the lifestyle changes and responsibilities involved in parenthood. Students take a realistic look at the job of parenting and how a baby affects the new parents’ relationship with each other, family, and friends. As part of this course, students are responsible for caring for the computerized baby during a period of 48 hours.

**7870 HEALTHY RELATIONSHIPS AND FAMILY LIVING**

Grade-10,11,12

6 periods/cycle

Credit .5

Semester

Prerequisite- None

NCAA Clearing House: No

In this course, students will identify the factors contributing to a satisfying relationship and develop an understanding of mate selection. In addition, all important aspects of a healthy relationship, including communication, dating, love, and family planning will be discussed. An emphasis will be placed on developing within students a greater appreciation of their present homes, from the family living, economic, aesthetic, and practical points of view.

**Art Course Offerings**

<u>Course</u>	<u>2023-2024</u>	<u>2024-2025</u>	<u>2025-2026</u>
2D Design (8010)	X	X	X
3D Design (8020)	X	X	X
Ceramics I (8040)	X	X	X
Ceramics II (8041)		X	
Sculpture (8050)		X	
Drawing And Composition (8080)	X		X
Drawing And Painting (8085)		X	
Digital Design (8090)	X		X
Painting (8120)		X	
Studio (8140)	X	X	X



**8010 2-D DESIGN**

Grade - 9, 10, 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite- None

NCAA Clearing House: No

This course is available to all students, but is recommended for students who desire to take further two dimensional art courses (Drawing & Composition, Drawing & Painting and Studio). Hands on exploration of two dimensional art styles, such as drawing, painting and printmaking will be the focus of the course.

**8020 3-D DESIGN**

Grade - 9, 10, 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite- None

NCAA Clearing House: No

This course is available to all students, but is recommended for students who desire to take further three dimensional art courses (Ceramics, Sculpture, and Studio). Hands on exploration of three dimensional art styles such as sculpture or ceramics will be the focus of the course.

**8040 CERAMICS I**

Grade - 9, 10, 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite- None

NCAA Clearing House: No

This is a concentrated craft course that involves hand building, sculpture, potter's wheel, decorative effects and glazing.

**8041 CERAMICS II**

Grade - 10, 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite- – 8040 Ceramics I

NCAA Clearing House: No

This course builds on the basic techniques and processes learned in Ceramics I. New building and glazing techniques will be explored. Advanced planning and projects in sculpture with an emphasis on artistic design and craftsmanship are stressed.

**8050 SCULPTURE**

Grade - 9, 10, 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite – 3-D Design

NCAA Clearing House: No

Sculpture will allow the student hands on experience with clay, plaster, paper, and other various materials. Principles of 3-D design are stressed as well as craftsmanship and creativity.

**8080 DRAWING AND COMPOSITION**

Grade – 9, 10, 11, 12

6 periods/cycle Credit .5

Prerequisite – none

NCAA Clearing House: No

This will be a concentrated course that will improve drawing techniques as well as give the student experience in various styles of drawing and media. A wide range of subject matter involving drawing and composition will be explored.

**8085 DRAWING AND PAINTING**

Grade - 9, 10, 11, 12

6 periods/cycle

Credit .5

Semester

Prerequisite: 2-D Design or Drawing and Composition

NCAA Clearing House: No

This course builds on basic drawing and painting techniques learned in previous drawing, painting and 2 dimensional design classes. A wide range of drawing and painting mediums will be explored.

### **8090 DIGITAL DESIGN**

Grade - 10, 11, 12                      6 periods/cycle                      Credit .5

Prerequisite- 8080 Drawing & Composition and 8010 2-D design NCAA Clearing House: No

Digital Design will emphasize the elements of color and design that are used in the commercial world. Logos, graphics, and advertisement layouts will be explored through Photoshop and Adobe Illustrator (the Corel Drawing and Photography Suite). Posters, Illustrations, Cartooning, and Digital Photography will also be topics explored.

### **8120 PAINTING**

Grade - 11, 12                      6 periods/cycle                      Credit .5                      Semester

Prerequisite - 8010 2-D Design and either 8080 Drawing & Composition or 8085 Drawing & Painting  
NCAA Clearing House: No

This course introduces students to painting in various media. Students will learn color theory and mixing, techniques for various media, abstract and realistic subject matter choices, and creative self-expression in paint. This course may be taken twice in order to earn one credit with teacher permission.

### **8140 STUDIO**

Grade – 11, 12                      6 periods/cycle                      Credit 1                      Full Year

Prerequisite – Minimum 1.5 Art credits and Teacher Recommendation  
NCAA Clearing House: No

The goal of this course is to improve media techniques and experience a variety of artistic styles. This will allow advanced students to develop a body of art work and to present that work. This course can be taken twice for credit.

### **Music Course Offerings**

<b><u>Course</u></b>	<b><u>2023-2024</u></b>	<b><u>2024-2025</u></b>	<b><u>2025-2026</u></b>
General Music (8500)		X	
Guitar Class (8510)	X		
Voice (8520)			X
Music Theory I (8540)		X	
Music Theory II (8545)			X
Popular Music In America (8550)	X		
Concert Band (8560)	X	X	X
Mixed Chorus (8570)	X	X	X

### **8510 GUITAR CLASS**

Grade - 9,10,11,12                      6 periods/cycle                      Credit .5

Prerequisite - Must own an acoustic guitar or rent an acoustic guitar (No electrical guitars or amps will be allowed)  
NCAA Clearing House: No

This class is designed as a fun and diverse introduction to the versatile world of the guitar. Students will enjoy the relaxed atmosphere of a small class setting as we learn the basics of reading music, rhythms, and the fundamentals of composing. We will become proficient on simple melody and chord reading, basic strumming patterns and learning how to write music in both traditional notation and tablature which is relevant to contemporary musical trends.

### **8550 POPULAR MUSIC IN AMERICA**

Grade - 9,10,11,12  
Prerequisite – None

6 periods/cycle

Credit .5  
NCAA Clearing House: No

This class is a study of the development of popular music in America. It will begin around the turn of the twentieth century with jazz and its development into rock, Broadway, and other popular forms of music known today. In each stage of musical development, the course will examine the social and political events of the time that had an impact on the development of each style of music. Interpretive and analytical skills will be used and developed throughout the course.

### **8560 CONCERT BAND**

Grade - 9,10,11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite - Ability to play a brass, woodwind, or percussion instrument. One year of prior study in any school ensemble is recommended.

NCAA Clearing House: No

This course will provide high school students with a positive musical experience while promoting growth individually and as a member of the ensemble. Emphasis is placed on musical excellence through developing musicianship and musical skills while continuing a strong work ethic. The We/Us concept of the overall Team/Ensemble will be the major focus of this course. This is a performance-based course; therefore attendance at all performances is expected. All students will participate in instrumental sectional lessons that will meet once per cycle. This course will meet opposite Mixed Chorus, so those members who wish to participate in Concert Band and Mixed Chorus can enroll in both courses.

### **8570 MIXED CHORUS**

Grade - 9,10,11,12

6 periods/cycle

Credit 1

Full Year

Prerequisite – Returning students must have previously passed Chorus to maintain enrollment.

NCAA Clearing House: No

Mixed chorus provides an eclectic view of many different styles of music and the opportunity to sing and perform in two concerts a year. Students enrolled in Mixed Chorus will learn basic music notation and sight reading skills with an emphasis on musical excellence and quality sound. This course is performance-based and attendance at all concerts is therefore mandatory

# COLLEGE GUIDANCE

Career Clusters contain occupations in the same field of work that require similar skills. Students can use Career Clusters to help focus their education plans toward obtaining the necessary knowledge, skills, and training for success in a specific career pathway. The chart below lists the courses West Perry offers in alignment with the Career Clusters to allow students to align selected courses to future career goals.

<b>Career Cluster</b>	<b>Courses</b>
Agriculture, Food & Natural Resources	Agriscience and Technology, Large Animal Science and Nutrition, Pet and Small Animal Management, Veterinary Science and Technology, Plant and Soil Science, Wildlife, Fishery & Forestry Science, Small Gas Engines, Diversified Agriculture Mechanics, Advanced Agriculture Mechanics, Introduction to Agribusiness, Supervised Agricultural Experience (SAE), FFA Leadership, Agricultural Career Study, Outdoor Education, Marine Science
Architecture & Construction	Exploring Metal & Electrical Tech, Exploring Wood & Plastics, Home Projects, Industrial Metal Tech, Wood Technology, Plastics Tech, Fine Metal Tech, Construction Tech, Exploring Metalworking & Electrical Technology, Exploring Wood & Plastics Technology, Home Projects, Industrial Metal Technology, Wood Technology, Plastics Technology, Fine Metal Technology, Construction Technology, Creative Interiors
Arts, Audio/Video Technology & Communications	Science Fiction, Introduction to Film, Introduction to Drama, Journalism I, Graphic Communication Technology, Digital & Print Media (DTP), Digital Audio & Video Production, Creative Clothing, 2-D Design, 3-D Design, Ceramics I, Ceramics II, Sculpture, Drawing and Composition, Drawing and Painting, Digital Design, Painting, Studio, General Music, Guitar Class, Voice, Music Theory I, Music Theory II, Popular Music in America, Concert Band, Mixed Chorus
Business, Management & Administration	Consumer Math, Personal Finance, Law and Ethics, Accounting I, Introduction to Business and Marketing
Education & Training	Partners I, Psychology, Effective Parenting, Healthy Relationships and Family Living
Finance	Consumer Math, Personal Finance, Accounting I, Introduction to Business and Marketing
Government & Public Administration	AP U.S. Government & Politics, Law and Ethics
Health Science	First Aid/CPR/Emergency Preparedness, Human Performance, Pre-Calculus, Probability and Statistics, Calculus, Physics Honors, HACC-General Biology I, Anatomy and Physiology Honors, Forensics Science, Psychology
Hospitality & Tourism	Exploring Foods, Introduction to Business and Marketing
Human Services	Psychology, World Cultures, Effective Parenting, Healthy Relationships and Family Living
Information Technology	Introduction to Computer Programming, Programming I, Programming II, ROBOTC, Intro to Robotics, Web Design, AP Computer Science A, Exploring Graphics Technology, Transportation Systems Engineering and Design, Graphic Communication Technology, Engineering Innovation and Invention, Computer Aided Design (CAD), Digital & Print Media (DTP), Digital Audio & Video Production, Digital Design

Law, Public Safety, Corrections & Security	Forensics Science, AP U.S. Government & Politics
Manufacturing	Exploring Metalworking & Electrical Technology, Exploring Wood & Plastics Technology, Industrial Metal Technology, Wood Technology, Plastics Technology, Fine Metal Technology, Construction Technology, Technical Sketching, Industrial Materials
Marketing, Sales & Service	Personal Finance, Accounting I, Introduction to Business and Marketing, Technical Sketching, Digital Design
Science, Technology, Engineering & Mathematics (STEM)	Pre-Calculus, Probability and Statistics, Discrete Mathematics, Calculus, Physics Honors, HACC – General Biology, Introduction to Computer Programming, Programming I, Programming II, ROBOTC, Robotics, Web Design Programming, AP Computer Science A, Exploring Metalworking & Electrical Technology, Exploring Wood & Plastics Technology, Exploring Graphics Technology, Home Projects, Transportation Systems Engineering and Design, Structural Engineering, Industrial Metal Technology, Wood Technology, Plastics Technology, Fine Metal Technology, Construction Technology, Technical Sketching, Engineering Drawing & Design, Graphic Communication Technology, Engineering Innovation and Invention, Computer Aided Design (CAD), Architectural Drafting & Design, Industrial Materials
Transportation, Distribution & Logistics	Small Gas Engines, Transportation Systems Engineering and Design

## Graduation Planning

Student Name:					Student ID:		
Subject Area	9th Grade	10th Grade	11th Grade	12th Grade	Totals		
ENGLISH					4 credits		
SOCIAL STUDIES					4 credits		
SCIENCE					3/4 credits <i>*3 credits CPACTC</i>		
MATHEMATICS					3/4 credits <i>*3 credits CPACTC</i>		
WELLNESS/FITNESS					1 credit		
CAREER/POST- SECONDARY READINESS					0.5 credit		
ARTS/HUMANITIES					2 credits		
ELECTIVES					6.5 credits		
TOTAL CREDITS					25		
CHAPTER 339 ARTIFACTS	Activities 1 - 5	Activities 6 - 10	Activities 11 - 16		8		
Keystone Scores					Proficiency		
Graduation Pathways: <i>see back for details</i>					Composite		
					Other		