



Huntingdon Area High School

COURSE SELECTION GUIDE 2025 - 2026

**COURSE SELECTION SHEET RETURN/
COMPLETION DEADLINE:
Due Friday, March 7, 2025**

**GRADE 8: Return to Social Studies Teacher
GRADES 9-11: Students keep signed sheets until their scheduling
session**

HASD Mission Statement

The Huntingdon Area School District community engages all stakeholders to create a nurturing learning environment, focused on achievement and growth, social and emotional wellness, and preparation for varied career pathways.

HASD Vision Statement

The Huntingdon Area School District will create diverse opportunities for each student to meet their maximum potential in an engaging environment.

HASD Shared Values

Safety – Responsibility – Respect
Accountability – Integrity

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GENERAL INFORMATION

SCHOOL COUNSELING OFFICE

“The mission of the counselors is to provide high quality, comprehensive school counseling services to all students. Our programs are designed to help all students develop and enhance their academic, social, career, and personal strengths to become responsible and productive citizens.”

Counselor for last names A through L:

Mrs. Melanie Snare Phone 641-2134

E-mail address: msnare@huntsd.org

Counselor for last names M through Z

Ms. Laura Bilger Phone 641-2144

E-mail address: lbilger@huntsd.org

College Advisor

Ms. Rebekah Faust

HASD WEBSITE

Valuable information for students and parents is available on the Huntingdon Area School District website at <https://www.huntsd.org>. Click on Schools, then High School, then HS Guidance. Some items appearing on the school counseling web page include: senior project, course selection information, SAT information, FAFSA information, scholarship information, etc. Please feel free to visit the website frequently.

CREDIT and CORE CURRICULUM REQUIREMENTS

The core curriculum allows students to develop proficiency in various curriculum content areas. The scope and sequence of courses provide a solid academic foundation upon which to develop individual talents and interests. All students are expected to complete the required number of credits in each area.

24.0 credits are required for graduation.

| | | |
|--|-------------|---------------|
| English (4 Courses) | 4.00 | credits |
| *Social Studies (3 courses) | 3.00 | credits |
| Mathematics (3 courses) | 3.00 | credits |
| *Science (3 courses) | 3.00 | credits |
| Physical Education (2 courses) | 1.00 | credit |
| Health (2 courses) | 1.00 | credit |
| Family & Consumer Science (1 Course) | 0.50 | credit |
| Technology class (1 Course) | 0.50 | credit |
| Electives | 8.00 | credits |
| <i>Finance (Graduating class of 2027 and beyond)</i> | <i>0.50</i> | <i>credit</i> |

*Social Studies requirements: US History II, American Government and Economics, and an additional Social Studies credit.

*Science requirement: Biology and an additional 2.00 science credits.

4-year college-bound students

Though it is not required, we highly recommend taking 4 courses in Social Studies, Science, and Mathematics and 2 courses in Foreign Language if you are considering a four-year college upon graduation.

Students will be limited to a maximum of one study hall each day. Exceptions will be made only for students taking college courses or BILD. Students are not permitted to replace a credited course with a study hall, even if the student's schedule is below the maximum study hall limit.

GPA CALCULATIONS

Students who take Honors, Advanced Placement (AP), and/or Dual-Enrollment courses offered at HAHS will earn a "weighted" grade point average (GPA).

A weighted GPA considers the rigor of each class, while an unweighted GPA does not recognize this difference. This results in a more equitable assessment of cumulative GPA and class rank because students earn their GPAs based on class rigor and grades earned instead of only grades.

GPA is determined based on a mathematical calculation involving credits attempted, credits earned, and quality points, which are all a part of our grading scale. The grading scale will have additional factors to allow for weighting.

The "weighting" key is as follows:

- Classes that are named Advanced Placement (AP) and/or Dual-Enrollment courses will earn a weighting of 1.4
- Classes which are named "Honors" will earn a weighting of 1.2
- All other classes earn a weighting of 1.0
- College courses will receive weight if the same collegiate-weighted courses are available at HAHS. For example, a student can take a Calculus I course at Juniata for a 1.4 weight if HAHS offers AP Calculus.
- The credit students earn for a weighted class is the same as that earned for an unweighted class. The difference is noted only in the GPA calculation. For example, students in Honors English 11 will earn 1.0 credit toward graduation, the same as students in Comp/CP English 11.

GRADUATION PROJECT

All students must complete a graduation project demonstrating their reading, writing, communicating, and problem-solving abilities at the high school level. Each student will complete an independent project, which includes research on a specific career path and a portfolio. A graduation project overview and the expectations and resources are provided to students during an in-school assembly. Copies of the information are available on the high school's website and in the guidance office.

Students must include five samples of educational work in their portfolio. They are recommended to collect classwork items demonstrating achievement of course standards throughout their high school career.

Students who have not completed all aspects of the graduation project by the deadlines set forth each school year will be considered ineligible for graduation and will not participate in graduation ceremonies.

KEYSTONE EXAMS

The Keystone Exams are state-required end-of-course assessments designed to measure proficiency in Algebra I, Biology, and Literature, which correspond to the following courses at HAHS:

| | |
|---------------------------|--------------------------|
| Algebra I Keystone Exam: | Algebra I and Algebra IB |
| Literature Keystone Exam: | English 10 |

Biology Keystone Exam: Biology

To satisfy statewide graduation requirements, students must demonstrate proficiency based on five possible pathways (Keystone Proficiency Pathway, Keystone Composite Pathway, Alternate Assessment Pathway, Evidence-Based Pathway, and CTE Pathway).

Additional information about these pathways is listed in the Student Handbook, which can be found on the HAHS website or by using this link (HAHS Act 158 Graduation Requirements). Students will be offered multiple opportunities to take the Keystone Exams throughout their high school careers.

Preliminary Keystone Exam Testing Windows for 2025 - 2026

Winter Wave 1: December 3 - 17, 2025

Winter Wave 2: January 5 - 16, 2026

Spring: May 11 - 22, 2026

Summer: July 27 - 31, 2026

The winter testing dates (either Wave 1 or Wave 2) are to test students who were not proficient on previous exams. The spring testing period is reserved for students currently enrolled in a Keystone-related course and students who have yet to demonstrate proficiency in the exams. Students and parents/guardians will be informed when testing dates are determined.

Keystone Exams are a statewide graduation requirement. Students are expected to participate in the exams for federal and state accountability measures and, most importantly, to benchmark school performance and inform curriculum and teaching needs. Therefore, students will be expected to re-test for exams in which they are not proficient.

Students who attend HCCTC are required to take the Keystone Exams in Algebra I, Literature, and Biology. HCCTC students who demonstrate a high likelihood of success in an approved industry-based competency assessment will not be required to receive supplemental remediation before retaking the Keystone Exams. HAHS and HCCTC will work collaboratively to ensure these students remain on track to satisfy state assessment graduation requirements. Additional pathway evidence or other measures will only meet graduation requirements if students are not on track to complete industry-based competency assessments. This determination will be made at the end of the student's Junior year.

COLLEGE COURSES

Students can take college courses through agreements with Juniata College, Penn Highlands Community College (PHCC), Mount Aloysius College, the University of Pittsburgh, or other approved institutions. The colleges reserve the right to limit the number of classes a high school student can take during his or her high school career. The high school reserves the right to deny a student college classes based on high school grade point average, a student's current progress in meeting high school graduation requirements, and overall school standing for attendance and discipline.

College courses that will receive a percentage grade on the high school transcript (and will affect the high school GPA) include any college course taken as a required high school credit and any college course a student chooses to accept for high school GPA credit. In all other cases, students will still earn high school credit but will receive a Pass or Fail grade on the high school transcript (which does not affect the high school GPA). High school credits earned for college courses are as follows:

1 college credit = 0.5 high school credit

3 or more college credits = 1.0 high school credit

College courses will receive weight if the same collegiate-weighted courses are available at HAHS. For example, if HAHS offers AP Calculus, a student can take a Calculus I college course for 1.4 weight.

HAHS COURSE WEIGHT

The descriptions below provide an overview of course weight.

COURSE LEVEL OVERVIEW

| Course Weight | Brief Description | Post High School Career/College Path |
|----------------------|---|---|
| 1.0 | Basic skills instruction, Keystone Exam prep | Career/Workforce, Technical Education |
| 1.0 | College Preparatory | Technical Education, College |
| 1.2 | Honors - College Preparatory | 4 year college |
| 1.4 | Advanced Placement (AP) – College Preparatory Dual Enrollment (See College Courses Note) | 4 year college |

NCAA REGISTRATION

Students interested in pursuing athletic careers at the collegiate level should review the HAHS courses approved by the NCAA prior to scheduling coursework (Grades 9-12).

HAHS courses that are NCAA approved are indicated with this notation (NCAA) in the heading of each course in this Course Selection Guide.

STEP 1: Student-athletes who want to play in college should register with the NCAA Clearinghouse in May of their **junior year**. To register, the student-athlete needs to apply online at www.eligibilitycenter.org. The registration fee is \$100. See your school counselor or the college advisor for a fee waiver if you receive free or reduced lunches.

STEP 2: After completing the student registration, you must request that your high school transcripts be sent to the NCAA Clearinghouse. One will be sent as a final junior transcript and the other as a final senior transcript. Note: If the student has attended more than one high school, each high school must receive a copy of the Student Release form. A transcript must be sent from each high school attended.

STEP 3: All prospective student-athletes intending to enroll in an NCAA Division I or II institution for the first time must complete the NCAA Amateurism Certification questionnaire.

STEP 4: College entrance test scores must be reported directly from the College Board (SAT) or ACT. They will not be accepted from the high school transcript. ***When registering to take the SATs or ACTs, you must select the NCAA as one of your score recipients.*** Additional score reports can be sent later but at an additional cost.

STEP 5: Upon completion of the junior year, request the final junior year transcript using the Official Transcript Request form found in the Guidance Office to be sent to the Eligibility Center. You will receive an initial statement from the Clearinghouse in the fall of your senior year.

STEP 6: Before the end of the senior year, you must complete the Final Amateurism Certification for each sport. Log back into your account at www.eligibilitycenter.org. Click on MY PLANNER. Then, select the red "Request Final Amateurism" button and follow the instructions.

STEP 7: After graduation, the student athlete's final senior transcript with the exact date of graduation must be sent to the Eligibility Center from HAHS. Be sure to complete the transcript request with the HAHS Guidance Office before graduating from HAHS. The student athlete will then receive a final clearing statement from the Clearinghouse.

In completing the forms, the Huntingdon Area High School **CEEB code is: 391860**

Clearinghouse Customer Services:
NCAA Eligibility Center
Certification Processing

Service Hours: 8 am - 5 pm Central Time
Toll Free: (877)262-1492 FAX: (317)968-1500

Note: Student athletes should also keep their prospective coaching staff and school's athletic department informed of the registration process and contact them for any additional support.

CAREER PATHWAYS

A career pathway is a series of courses and experiences designed to prepare students for college, technical training, and future careers in a specific field of interest.

The following career pathways are available at the Huntingdon Area High School:

| |
|--|
| <u>Business and Finance Pathway</u> |
| Entry Level Administrative Assistant, Customer Service Representative, Sales Associate, Office Coordinator, Marketing Assistant, Bank Teller, Book Keeper, Accounts Payable/Receivable, Financial Assistant, Insurance Claims Processor |
| Technical Level Business Analysis, Human Resources Specialist, Operations Coordinator, Marketing Specialist, Procurement Specialist, Credit Analysis, Tax Specialist, Loan Officer, Financial Analysis, Insurance Underwriter |
| Professional Level Business Development Manager, Management Consultant, Marketing Manager, Human Resources Manager, Operations Manager, Certified Public Accountant (CPA), Financial Planner, Investment Analysis, Risk Manager, Actuary |

Business and Finance Electives

| 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade | Any Grade |
|---|---------------------------------------|---------------------------------------|-------------------------|---|
| All Business Courses are appropriate for Entry Level, Technical Level, or Professional Level Pathways | | | | |
| Microcomputer Applications <i>(Dual Enrollment Associate Degree Plan)</i> | Marketing <i>(Grades 10 - 12)</i> | Financial Prep for Life | Financial Prep for Life | Introduction to Business |
| | | Ag Business Management | Ag Business Management | Introduction to Business 2 (following Intro to Business 1) |
| | Business Law <i>(Grades 10-12)</i> | Leadership <i>(Grades 11 - 12)</i> | Entrepreneurship | Microsoft Applications |
| | Accounting 1 <i>(Grades 10-12)</i> | Economics | | |
| Spanish 1 | Spanish 2 | | | |

Engineering and Technology

Entry Level

Engineering Intern, Junior Software Developer, IT Support Specialist, Quality Control Technician, Field Technician, CAD Technician

Technical Level

Software Developer, Network Engineer, Mechanical Engineer, Electrical Engineer, Systems Administrator, Civil Engineer, Database Administrator, DevOps Engineer

Professional Level

Senior Software Engineer, Principal Engineer, Solutions Architect, Data Scientist, Cybersecurity Engineer, Project Manager (Engineering/Tech), Aerospace Engineer, Electrical Design Engineer, Engineering Manager, Cloud Architect

Engineering and Technology

| | 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade |
|--------------------|-----------------------------|---|---|---|
| Entry Level | STEM Intro to Coding | STEM Intro to Coding | Engineering 1 Physical Science STEM Intro to Coding App Development | Engineering 1 Physical Science STEM Intro to Coding App Development |
| Technical Level | | CP Chemistry 1 Honors Chemistry CP Biology Engineering 1 | CP Chemistry 1 CP Chemistry 2 Honors Chemistry Honors Physics 1 Human Anatomy and Physiology Engineering 1 AP Environmental Science | CP Chemistry 2 Honors Chemistry Honors Physics 1 Honors Physics 2 Human Anatomy and Physiology Engineering 1 AP Environmental Science |
| Professional Level | | CP Chemistry 1 Honors Chemistry CP Biology Engineering 1 | CP Chemistry 1 CP Chemistry 2 Honors Chemistry Honors Physics 1 Human Anatomy and Physiology Engineering 1 AP Biology AP Chemistry AP Environmental Science | CP Chemistry 2 Honors Chemistry Honors Physics 1 Honors Physics 2 Human Anatomy and Physiology Engineering 1 AP Biology AP Chemistry AP Environmental Science |

Arts

Entry Level

Art Gallery Assistant, Art Teacher Assistant, Graphic Design Assistant, Museum Attendant,
Production Assistant, Photographer Assistant

Technical Level

Graphic Designer, Art Director, Museum Curator, Photographer, Video Editor, Set Designer, Animator

Professional Level

Art Director (Senior), Fine Artist, Film Director, Creative Director, Museum Director, Art Educator/
Professor, Chief Photographer

Arts Electives

| | 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade |
|--------------------|--|-----------------------------------|-------------------------------|-------------------------------|
| Entry Level | Visual Arts and Graphic Design | | | |
| | | Advanced Media and Communications | Community Based Marketing | Senior Tech Studio |
| | Survey of Art History and Culture - BCE - 18th Century (half year) | 2D and 3D | Advanced Art | Senior Studio |
| | Survey of Art History History and Culture - 19th Century - Present (half year) | | Modern Themes in Classic Film | Modern Themes in Classic Film |
| | | | Dramatic Literature | Dramatic Literature |
| Technical Level | Information same as above | | | |
| Professional Level | Information same as above | | | |

Health Sciences

Entry Level

Medical Assistant, Pharmacy Technician, Healthcare Receptionist, Certified Nursing Assistant, Lab Assistant, Patient Care Technician

Technical Level

Radiologic Technologist, Medical Laboratory Technician, Dental Hygienist, Occupational Therapy Assistant, Physical Therapy Assistant, Respiratory Therapist

Professional Level

Physical Therapist, Occupational Therapist, Physician (MD/DO), Registered Nurse (RN), Clinical Psychologist, Pharmacist, Medical Social Worker (MSW), Health Services Administrator, Physician Assistant (PA), Public Health Professional, Psychiatrist

Health Science Electives

| | 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade |
|--------------------|-----------------------|--|--|--|
| Entry Level | Health I or II | CP Biology Health I or II | Human Anatomy and Physiology Physical Science CP Chemistry 1 Health I or II | Human Anatomy and Physiology Physical Science CP Chemistry 1 CP Chemistry 2 Health I or II |
| Technical Level | | CP Biology | Human Anatomy and Physiology CP Chemistry 1 Honors Chemistry Honors Physics 1 Physical Science | Human Anatomy and Physiology CP Chemistry 2 Honors Chemistry Honors Physics 1 Physical Science |
| Professional Level | Honors Biology | CP Biology CP Chemistry 1 Honors Chemistry | Human Anatomy and Physiology CP Chemistry 2 Honors Chemistry Honors Physics 1 AP Biology AP Chemistry | Human Anatomy and Physiology CP Chemistry 1 Honors Chemistry Honors Physics 1 Honors Physics 2 AP Biology AP Chemistry |
| | Spanish 1 | Spanish 2 | Psychology (DE or CP) Sociology | |

Agriculture

Entry Level

Farm Worker, Agricultural Laborer, Greenhouse Worker, Livestock Caretaker, Food Processing Worker, Agricultural Equipment Operator

Technical Level

Agricultural Technician, Crop Scout, Horticulturist, Soil Scientist, Farm Manager, Agricultural Sales Representative, Irrigation Specialist

Professional Level

Agronomist, Veterinarian (Livestock/Equine), Agricultural Engineer, Food Scientist, Farm Consultant, Agricultural Policy Analyst, Sustainability Specialist, Agricultural Educator/Professor, Agricultural Economist

Agriculture Electives

| | 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade |
|--|--|--|--|--|
| Entry Level/Technical Level/Professional Level | Introduction to Agriculture Online SAE FFA Leadership Ag Mechanics Ag Structures Small Animal Large Animal Wildlife and Fisheries | Plant and Soil Science Introduction to Agriculture Online SAE FFA Leadership Ag Mechanics Ag Structures Small Animal Large Animal Wildlife and Fisheries | Plant and Soil Science Introduction to Agriculture Online SAE FFA Leadership Ag Mechanics Ag Structures Small Animal Large Animal Wildlife and Fisheries | Plant and Soil Science Introduction to Agriculture Online SAE FFA Leadership Ag Mechanics Ag Structures Small Animal Large Animal Wildlife and Fisheries |
| Entry Level | STEM | CP Biology Physical Science STEM | Human Anatomy and Physiology (after Biology) CP Chemistry 1 Physical Science STEM Environmental Science | Human Anatomy and Physiology (after Biology) CP Chemistry 2 Physical Science STEM Environmental Science |
| | | | Ag Business Management/Personal Finance | Ag Business Management/Personal Finance |
| | | | | |

| | | | | |
|--------------------|------|--------------------|--|--|
| Technical Level | STEM | CP Biology STEM | Human Anatomy and Physiology (after Biology) CP Chemistry 1 Honors Chemistry Physical Science STEM AP Environmental Science | Human Anatomy and Physiology (after Biology) CP Chemistry 2 Honors Chemistry Physical Science STEM AP Environmental Science |
| Professional Level | | CP Biology | Human Anatomy and Physiology (after Biology) CP Chemistry 1 Honors Chemistry AP Environmental Science | Human Anatomy and Physiology (after Biology) CP Chemistry 2 Honors Chemistry AP Biology AP Chemistry Honors Physics 1 AP Environmental Science |

| |
|--|
| <u>Human Services</u> |
| Entry Level Case aide/case assistant, Human Services Assistant, Residential Counselor, Mental Health Technician, Family Support Worker, Youth Counselor |
| Technical Level Social Services Specialist, Substance Abuse Counselor, Mental Health Counselor, Community Outreach Coordinator, Vocational Rehabilitation Specialist, Crisis Intervention Specialist |
| Professional Level Social Worker (LCSW, Marriage and Therapy Therapist (MFT), Clinical Psychologist, Public Health Administrator, Human Services Manager, Licensed Professional Counselor |

Human Services Electives

| Level | 9 th Grade | 10 th Grade | 11 th Grade | 12 th Grade |
|--------------|-----------------------|------------------------|--|------------------------|
| Entry | Spanish 1 | Spanish 2 | Psychology (CP) Sociology | |
| Technical | | | Psychology (CP or CE) Sociology | |
| Professional | | | AP/CE or Honors American Govt. CE Psychology AP/DE US History or Honors US 1 & 2 | |

On the Course Selection Sheet, please indicate the Pathway that most aligns with your career pursuits and interests.

SCHEDULE CHANGE POLICY

The school's master schedule is designed each year based on the courses our students request. Every effort is made to match student needs and interests. Once the master schedule is in place, it cannot be reconstructed.

Unacceptable reasons for a schedule change:

1. Requests for individual teachers will not be honored.
2. Credited courses will not be dropped to add study halls.
3. Schedule changes that require a detailed rearrangement of a student's schedule may not be possible to accommodate.

Students can drop a course with parent/guardian approval.

DROP/ADD PERIODS

At the start of each semester, a designated time frame will be listed in the Student Handbook, where students may opt to add and/or drop specific classes from their schedule. However, the overall school master schedule is built from the initial scheduling process, so students should only rely on the Drop/Add period for extenuating circumstances. Not all requests for schedule changes can be honored, even during the Drop/Add period, due to credit requirements, timing of classes, and class size and personnel considerations. Please note that schedule change requests that request specific teachers and/or classes during specific times, drop credited courses for study halls, or are made based on grades, performance, and GPA calculations will not be honored. When schedule changes are granted, a notice to the classroom teacher(s) involved will be given, and the school counselor, parent/guardian, and the school principal must grant permission.

HONORS AND AP/DE CLASS SPECIAL NOTES

Honors and AP Classes at HAHS are expected to provide students with more challenging and rigorous coursework, including additional lessons and/or units of study. To establish consistency across content area expectations, these classes will not have required summer work.

However, to facilitate a strong start to the year, teachers may share summer enrichment activities, such as reading assignments or plant identifications. These activities will be shared with students before the end of the current school year. ***Though these items will not be graded during the summer, if enrichment activities are provided, familiarity with them will be essential to a positive start as this information may be assessed during the first few weeks of the school year.***

DESIGNING YOUR SCHEDULE

CHECKLIST

Use this checklist to assist you in designing your schedule:

- Review your course history on Skyward to determine the classes you need to schedule.
- Am I taking advantage of the opportunities the curriculum offers in terms of my interests and abilities?
- If you're entering 12th grade, review the credit and core curriculum requirements on page 4 of this packet.
- Decide whether you wish to schedule college courses. College course information is listed on page 6.
- Complete the Course Selection Sheet. Additional copies are available on the high school's web page or in the Guidance Office.
- Meet with your mathematics teacher to receive their recommendation for the next math course.
- Be sure you have all necessary signatures on the Course Selection Sheet.
- Turn your completed course selection sheet to your:
 - **Social Studies Teacher NO LATER than Friday, March 7th (Grade 8)**
 - **Student keeps sheet, with signatures, until scheduling session (Grades 9-11)**
- Complete the scheduling process in Skyward with your school counselor on the designated date for each grade level (Does not apply to Grade 8).

See your School Counselor if you have any questions!

COURSE DESCRIPTIONS

Dual Enrollment



The Huntingdon Area High School is proud to have partnered with Penn Highlands Community College to develop an associate's degree program that students can complete while in high school. The recommended course selection to complete the Penn Highlands associates program can be found on the next page. A student who completes this program will have a total of 62 college credits and an associate's degree when graduating from HAHS. Huntingdon Area High School will offer 9 classes in person. Of these classes, 7 will be PHCC and the other two classes will be from Pitt and Mount Aloysius that will transfer into the program. The cost per credit at Penn Highlands Community College while enrolled in high school is \$69/credit. Other institutions that are a part of this program also have a reduced price. For more information on this opportunity, please contact the guidance office or the High School Principal.

Pennsylvania Highland Community College
 Associates in High School (Tentative Projected Sequence)
 Liberal Arts & Sciences AA Degree – 62 Credits

Grade 9

| College Course | Credits | Planned Completion |
|--------------------------------------|----------------|---------------------------|
| CIT 100 - Microcomputer Applications | 3 | HAHS in-person - Fall |
| FYE101 - First Year Experience | 1 | Online - Spring |
| Total Credits | 4 | |

Grade 10

| College Course | Credits | Planned Completion |
|---|----------------|----------------------------|
| MAT 145 - College Algebra | 3 | HAHS in-person - Full year |
| HIS 100 - U.S. History I | 3 | HAHS in-person - Fall |
| HIS 110 - U.S. History II | 3 | HAHS in-person - Spring |
| Open Elective - LIF 111 - Health and Wellness | 3 | Online - Fall |
| Humanities Elective | 3 | Online - Spring |
| AST 100 - Introduction to Astronomy | 3 | Online - Spring |
| Total Credits | 18 | |

Grade 11

| College Course | Credits | Planned Completion |
|--|----------------|---------------------------|
| PSY 100 - General Psychology | 3 | HAHS in-person - Fall |
| ECE 110 - Child Development | 3 | HAHS in-person - Spring |
| COM 101 - Public Speaking | 3 | Online - Fall |
| Cultural Awareness and Global Perspectives | 3 | Online - Fall |
| Open Elective | 3 | Online - Spring |
| Open Elective | 3 | Online - Spring |
| Total Credits | 18 | |

Grade 12

| College Course | Credits | Planned Completion |
|----------------------------------|----------------|---------------------------|
| ENG 110 - English Composition I | 3 | HAHS in-person - Fall |
| ENG 200 - English Composition II | 3 | HAHS in-person - Spring |
| CHM 120 - General Chemistry I | 3 | HAHS in-person - Spring |
| Open Elective | 3 | Online - Fall |
| Open Elective | 3 | Online - Fall |
| Open Elective | 3 | Online - Spring |
| Open Elective | 3 | Online - Spring |
| Total Credits | 22 | |

To find a list of electives offered by PHCC please visit <https://catalog.pennhighlands.edu/classes>

DUAL ENROLLMENT ENGLISH COMPOSITION I FALL 2025 **NCAA****Penn Highlands****3.00 college credits****.5 high school credit****1.4 GPA Weight****Course#146****Semester**

English Composition I emphasizes the techniques of writing college-level essays, including critical thinking, rhetoric, word choice, sentence structure, and organization. Students practice writing essays and paragraphs clearly and concisely, transferring those skills to broader contexts. Editing and revising are also emphasized. Students are taught research strategies to write an argumentative research paper in addition to comparative, narrative, evaluative, and reflective papers. This is the standard college English composition course.

DUAL ENROLLMENT COMPOSITION II SPRING 2026 **NCAA****Penn Highlands****3.00 college credits****.5 high school credit****1.4 GPA Weight****Course#147****Semester***(Prerequisite: Penn Highlands Community College English 110- English Composition I)*

English Composition II/Study in Literature emphasizes the study of literary terms and techniques frequently used in literature. This course introduces students to major themes found in poetry, short fiction, and drama. Students are required to read various types of literature and must be able to respond to their readings in well-developed essays and in an analytical research paper as well as to participate in class discussions. This is a standard college introductory-level literature course.

DUAL ENROLLMENT/AP U.S. HISTORY I (Fall 2025) & II (Spring 2026) **NCAA** (10th or 11th grade)**Penn Highlands****3.00 college credits per semester****1.0 high school credit****1.4 GPA Weight****Course#144****Year**

This rigorous, fast-paced college-level course is a year-long class that will cover the American experience from the Colonial Period through the Contemporary Age. To be successful in the class, students should have completed the Honors World History course with a minimum of a B+ average or with strong teacher recommendation. Students will be expected to enter the class having exceptional reading, writing, thinking, speaking, and researching skills. Students engage in daily higher-level outside supplemental materials and books in addition to traditional challenging textbook study. Assessments are largely essays and include research-based projects. At the conclusion of the course, students will have a mastery of the details of American history, allowing them the historical perspective to complete the A.P. U.S. History exam. Throughout the course, students will examine the intersection of literary, social, religious, cultural, economic, political, and ideological concerns at different points in the United States' history.

ADVANCED ALGEBRA 2 **NCAA****Penn Highlands****3.00 college credits****1.0 high school credit****1.4 GPA Weight****Course#440****Year**

Recommendation: Pass CP Algebra I with an 80% or higher.

Advanced Algebra 2 builds upon Algebra 1, focusing on functions, equations, inequalities, polynomials, and matrices. Students deepen their understanding of various functions, including linear, quadratic, exponential, logarithmic, rational, and trigonometric functions. Emphasis is placed on graph analysis, equation solving, and advanced algebraic manipulation, such as polynomial operations and factoring. Additionally, students learn about matrices and their applications in solving systems of equations. Problem-solving and critical thinking are emphasized throughout the course, preparing students for further mathematical study.

MICROCOMPUTER APPLICATIONS

Penn Highlands

3.00 college credits
.5 high school credit
1.4 GPA weight

Course # 613

Semester

In the world beyond high school, documents are necessary for various forms of communication, whether it be in business, higher education, or simply performing useful tasks at home or work. This course will teach students valuable skills using Microsoft applications (Word, Excel, PowerPoint, Publisher). Projects will center around documents used for word processing, spreadsheets, presentations, and desktop publishing. As a dual enrollment course, this section of Microsoft Applications will contain chapters and portions of chapters that are not covered under the regular enrollment Microsoft course. Course expectations, application of skills, and assessment projects will have a greater level of difficulty in the advanced sections.

DUAL ENROLLMENT/AP CHEMISTRY (11TH or 12TH grade) [NCAA](#)

Penn Highlands

3.00 college credits
1.5 high school credit
1.4 GPA Weight

Course #554

Year

Daily with double period every other day

Prerequisite: B- or better in both Honors Chemistry and Algebra 2.

The AP Chemistry program is a second-year chemistry course that provides an opportunity for students to receive credit for college-level coursework. The material covered includes atomic theory, periodicity within the Periodic Table, chemical bonding, gas laws, liquids & solids, solutions, stoichiometry, reaction types, equilibrium, kinetics, and thermodynamics. The material will be presented through lectures, problem-solving sessions, and extensive reading assignments in the text. Emphasis will also be placed on laboratory techniques and calculations. There will be a summer assignment prior to the school year to review the basics of Honors Chemistry.

DUAL ENROLLMENT INTRODUCTION TO EARLY CHILDHOOD EDUCATION I (Fall 2025) (11th and 12th grade)

Penn Highlands

3.00 college credits
1.0 high school credit
1.4 GPA Weight

Course #726

Year

Principles of Early Childhood Education is an introduction to the current state of early childhood education in the United States. This course introduces the National Association for the Education of Young Children (NAEYC) Standards for Early Childhood Professional Preparation and Pennsylvania State Standards for Education. Students will begin the development of a professional portfolio and Pennsylvania Early Learning Professional Development Record in this class. This course will cover the foundations of curriculum, materials, and instruction of early childhood education.

DUAL ENROLLMENT EARLY CHILDHOOD EDUCATION II (Spring 2026) (11th and 12th grade)

Penn Highlands

3.00 college credits
1.0 high school credit
1.4 GPA Weight

Course #726

Year

This course focuses on child development throughout the life cycle from conception to adolescence with an emphasis on the infant/preschool child through middle childhood. This course studies the physical, cognitive, and personality-social aspects of development, both through normal and atypical circumstances. Small group projects, investigation, and discussion of issues related to scientific principles of development are examined. A supervised experience observing children may also supplement class work. Areas of interest include studying educational theorists and their philosophies, developing teaching strategies, creating thematic lessons and curricula with local childcare programs, observing children in early childhood educational settings, and career exploration. The course is designed for students interested in a career in Early Childhood Education, Elementary Education, and Child Psychology, as well as for those interested in employment in this field after graduation.

DUAL ENROLLMENT PSYCHOLOGY (Elective - 11th or 12th Grade) [NCAA](#)

Penn Highlands

**3.00 college credits
1.0 high school credit
1.4 GPA Weight**

Course #236

Year

The purpose of this course is to provide students with an overview of the diverse fields and interests of psychology. Additionally, it is intended to help students develop an appreciation for, through the study of these various areas, the components of and influences on human behavior to help promote awareness of how who we are impacts not only the individual but others as well. All students choosing this option are expected to demonstrate strong reading, writing, research, and analytical skills, as the content and pace will be rigorous.

NOTE: The Pitt grade will be based on scores from four multiple-choice exams. Five exams will be offered; the first four exams will be non-cumulative, whereas the fifth will be a cumulative final exam that can be used to replace a lower score on a previous exam. 5% of the grade will come from an essay expectation described below. Up to 10% of the grade may be based on assignments at the instructor's discretion.

Essay expectation: All students are expected to write short essays of five primary research articles chosen from a list of studies in psychology. The essays should include a minimum 200-word summary of the article and a 200-word section linking the article to the student's life. These are scored by the instructor for completion credit only.

ENGLISH

ENGLISH 9

Course #100

Year

1.0 credit

This course builds on the foundations established in 8th grade English. Emphasis will be on reading comprehension, written communication, and listening skills. Vocabulary development will be a frequent component of this course as well. Topics and approaches are adapted to all learning levels and will prepare students for the Keystone Exam, subsequent high school English courses, entering the work world, and/or furthering their education in college or other similar post-secondary programs.

COMPREHENSIVE/COLLEGE PREP ENGLISH 9 [NCAA](#)

Course #111

Year

1.0 credit

Thinking, listening, reading, speaking and writing skills are developed both through literature and real-life contexts. In addition, critical thinking skills and a sound foundation in grammar are emphasized. The regular study of vocabulary is incorporated into the program as well. These topics and approaches are adapted to all learning levels and will prepare students for the Keystone Exam, subsequent high school English courses, entering the work world, and/or furthering their education in college or other similar post-secondary programs.

HONORS ENGLISH 9 [NCAA](#)

Course #140

Year

**1.0 credit
1.2 GPA Weight**

Note: Honors English is a highly demanding class specifically designed for students interested in pursuing language or liberal arts careers. Students should be able and willing to go deeper in literary analysis and critical thinking, complete extra readings and papers as compared to the Comprehensive/College Prep class. As a result, it is recommended that students be reading at grade level or above. Class size is limited. Students are required to have no less than an 83% each marking period in 8th Grade Language Arts (English) and as a final grade for the class. Students are also required to have achieved Proficient or Advanced on the PSSA. Teacher recommendations may be required. The Honors program for Grade 9 is geared to enriching the learner's ability through the use of critical thinking skills and literary analysis. These two disciplines form the basis for analytical writing, using short stories and classical literature as a background. The regular study of vocabulary is incorporated into the program as well. These topics and approaches prepare students for the Keystone Exam, college, university, or other similar post-secondary programs.

ENGLISH 10**Course #102****Year****1.0 credit**

This course builds on the foundations established in English 9. Emphasis will be on reading comprehension, written communication, and listening skills. Vocabulary development will be a frequent component of this course as well. Topics and approaches are adapted to all learning levels and will prepare students for the Keystone Exam, subsequent high school English courses, entering the work world, and/or furthering their education in college or other similar post-secondary programs.

COMPREHENSIVE/COLLEGE PREP ENGLISH 10 NCAA**Course #112****Year****1.0 credit**

The Comprehensive/College Prep English 10 course builds on the foundations established in Comprehensive English/College Prep 9 and provides students with a review of the fundamentals of grammar. Emphasis will be on the application of written communication, verbal/nonverbal communication, and listening skills. Vocabulary development will be based on SAT preparation word lists. Topics and approaches are adapted to all learning levels and will prepare students for the Keystone Exam, subsequent high school English courses, entering the work world, and/or furthering their education in college or other similar post-secondary programs.

HONORS ENGLISH 10 NCAA**Course #143****Year****1.0 credit****1.2 GPA Weight**

Note: Honors English is a highly demanding class specifically designed for students who want to pursue a rigorous course. Students should be willing to complete several extra readings and papers as compared to the Comprehensive/College Prep class. As a result, it is recommended that students be reading at grade level or above. Class size is limited.

Honors English 10 incorporates at a faster pace all aspects of Comprehensive/College Prep English 10 with additional reading, writing, and vocabulary study. Using higher-level reading strategies and inferential thinking skills, the Honors learner will interpret and analyze thematic elements within the assigned reading. Honors English 10 also addresses grammatical elements to improve the learner's command of style and conventions in writing. Requiring a demanding reading schedule, the literature component will be a comprehensive study of the short story, novel, and drama. These topics and approaches prepare students for the Keystone Exam, college, university, or other similar post-secondary programs.

ENGLISH 11**Course #103****Year****1.0 credit**

This course emphasizes the improvement of communication skills, both written and oral, as students make a chronological journey through American Literature, presented within the literary genres of prose, poetry, drama, and non-fiction works. Students will engage in literary analysis and inferential evaluations of key literary texts. Special emphasis is placed on strengthening reading and writing skills, as well as vocabulary and language development for both the business world and skilled vocational tech settings. Direct instruction of grammar will be interwoven in writing assignments, as well as the instruction and practice of conducting, evaluating, and utilizing research on a broad range of topics with both academic and real-world applications. This is a generalized comprehensive course for those students entering the work place, military, or currently undecided on post-secondary educational programs. This course also offers remediation opportunities for Keystone Exam proficiency.

ENGLISH 11 – AMERICAN LITERATURE: TRUE CRIME – (or JR/SR ELECTIVE) NCAA**Course #123****Semester****0.5 credit**

Students will examine the True Crime genre in narrative form from the beginning of the United States to current day. The True Crime genre is nonfiction literature in which the author examines an actual crime and details the action for readers, using both fictional interactions, thoughts, and dialogue of the characters with the investigative facts from the case. Students will examine criminal cases ranging from Puritan to contemporary times and analyze and question issues regarding gender, class, race, and morality at the individual and societal level in relation to the crime. This course is recommended for students of any level, but must be willing and able to participate in class discussions, debates, and group work, as well as research on an independent level.

ENGLISH 11 – MODERN AMERICAN LITERATURE - (or JR/SR ELECTIVE) [NCAA](#)

Course #125

Semester

0.5 credit

A study of the uniqueness of modern American fiction, poetry, nonfiction, and drama from the turn of the 20th century to modern day. Focus is on the major social and historical changes that occurred and their effect on literature from the rebuilding and development of America after World War I through today. This course will examine the works of the Lost Generation, the Modernists, the Beat Generation, Feminist literature, and post-20th century immigrant literature and the relevance of these periods on our country and literature. This is recommended for students attending a four-year college or university studying subjects related to English, Social Sciences, Philosophy, History, the Fine Arts, or Writing.

COMPREHENSIVE/COLLEGE PREP ENGLISH 11 [NCAA](#)

Course #113

Year

1.0 credit

This course emphasizes the improvement of communication skills, both written and oral, as students make a chronological journey through American Literature. Types of literature which will be studied include nonfiction, poetry, drama, short stories, and novels. Emphasis will be placed on literary analysis, critical reading, inferential evaluation, research, writing, and discussion of a variety of texts. Direct instruction of grammar is interwoven into writing assignments, with an emphasis placed on proper scholarly writing skills at the college/university level. Vocabulary development is continued through SAT preparation word lists. Research components and skills will be also be covered to prepare students for college, university, or other similar post-secondary programs. Students will complete a capstone paper on a topic of their own choosing as the final assessment.

HONORS ENGLISH 11 [NCAA](#)

Course #145

Year

1.0 credit

1.2 GPA Weight

Note: Honors English is a highly demanding class specifically designed for students interested in pursuing language or liberal arts careers. Students should be willing to complete 10 to 15 extra readings and papers as compared to the Comprehensive/College Prep class. As a result, it is recommended that students be reading at grade level or above. Class size is limited.

A preparatory course for AP English 12, Honors English 11 incorporates historical, philosophical, cultural, and religious influences into the chronological study of American literature. Emphasis is placed on literary analysis. Critical reading, writing, thinking, research, and oral communication skills will be applied to analysis of selections which constitute the American experience. Interpretation and evaluation of literature is required by students in both oral and written format. SAT resources are utilized to continue vocabulary development. Genres of study include nonfiction, poetry, short stories, drama, and novels. Grammatical and stylistic techniques are addressed and implemented through the writing process. These topics and approaches prepare students for college, university, or other similar post-secondary programs as well as offer remediation opportunities for Keystone Exam proficiency.

HONORS ENGLISH 12 [NCAA](#)

Course #149

Year

1.0 credit

1.2 GPA Weight

Prerequisite: Honors English 11 and/or 4 prior Honors level courses in Language Arts or Social Studies.

Note: Honors English is a highly demanding class specifically designed for students interested in pursuing language or liberal arts careers. Students should be willing to complete extra readings and papers as compared to the Comprehensive/College Prep class. As a result, it is recommended that students be reading at grade level or above. Class size is limited.

Honors English 12 incorporates historical, philosophical, cultural, and religious influences into the chronological study of British literature from Anglo-Saxon to Modernity. Emphasis is placed on literary analysis. Critical reading, writing, thinking, research, and oral communication skills will be applied to the analysis of selections which constitute the basis of British classics and other world literature.

DUAL ENROLLMENT ENGLISH COMPOSITION I FALL 2025 **NCAA****Penn Highlands****3.00 college credits**
.5 credit high school credits
1.4 GPA Weight**Course #146****Semester**

English Composition I emphasizes the techniques of writing college-level essays, including critical thinking, rhetoric, word choice, sentence structure, and organization. Students practice writing essays and paragraphs clearly and concisely, transferring those skills to broader contexts. Editing and revising are also emphasized. Students are taught research strategies to write an argumentative research paper in addition to comparative, narrative, evaluative, and reflective papers. This is the standard college English composition course.

Fulfills PHCC ENG 110*DUAL ENROLLMENT COMPOSITION II SPRING 2026** **NCAA****Penn Highlands****3.00 college credits**
.5 credit high school credits
1.4 GPA Weight**Course #147****Semester***(Prerequisite: Penn Highlands Community College English 110- English Composition I)*

English Composition II/Study in Literature emphasizes the study of literary terms and techniques frequently used in literature. This course introduces students to major themes found in poetry, short fiction, and drama. Students are required to read various types of literature and must be able to respond to their readings in well-developed essays and in an analytical research paper as well as to participate in class discussions. This is a standard college introductory level literature course.

*** Fulfills PHCC ENG 2****ENGLISH 12 - BRITISH LITERATURE TO 1600** **NCAA****Course #117****Semester****.50 credit**

From before the true start of the British Tradition in 1066 to the end of the Elizabethan Era, this course explores the earliest forms of poetry and writing. Beginning with "Beowulf", then The Canterbury Tales, to the Legends of King Arthur and the plays of William Shakespeare, students will study medieval history and warfare, mythology, legends, and various types of storytelling. It is recommended for students attending a 4-year college or university studying subjects related to English, Social Sciences, Philosophy, History, The Fine Arts, or Writing.

ENGLISH 12 - BRITISH LITERATURE FROM 1600 **NCAA****Course #116****Semester****.50 credit**

From the start of the Jacobean Era to the Modern 21st Century, this course focuses on the ideas that were explored by The Romantics, the literary invention of The Victorians, and the speculation and fear of the modern era. Students will study works from authors such as Donne, Milton, Coleridge, Shelley, Hardy, Tennyson, Yeats, Keats, and Orwell. This course is recommended for anyone interested in humanism, political and philosophical ideologies, and the modern consequences of past behaviors.

ENGLISH 12 - LITERATURE FOR LIFE AND WORK**Course #118****Semester****.50 credit**

Using a practical approach, this course utilizes classic works of British and World literature to explore common human themes and focus on workplace skills such as action plans, analytical reports, and business writing. This course is recommended for students pursuing any post-secondary career in the areas of accounting, business management, marketing, technologies, industrial trades, or agricultural sciences.

ENGLISH 12 - GOTHIC NOVEL **NCAA****Course#119****Semester****.50 credit**

This course will delve into the elements of gothic and science fiction while presenting the themes in Frankenstein and The Picture of Dorian Gray. Students will explore the dark side of humanity when absolute power and human frailties become corrupt. It is recommended for students attending a 4 year college or university studying subjects related to English, Social Sciences, Political Science, Physical Sciences, Philosophy, History, or Religion.

MODERN THEMES IN CLASSIC FILMS-ELECTIVE

Course #160

Semester

.50 credit

Preference is given to juniors and seniors who are taking or have completed U.S. History or at least one Honors English course. The American Film Institute has ranked the top 100 classic films of all time. How many of them have you actually seen? Students will view films from historical, multicultural, theatrical, and literary perspectives to evaluate their impact on today's world. Utilizing the interdisciplinary approach, this collaborative Social Studies and Language Arts course is intended to explore classic cinema for applications in modern society.

DRAMATIC LITERATURE -ELECTIVE

Course #156

Semester

.50 credit

This course is designed to introduce students to well-known dramatists from Ancient Greece to Modern America. Students will discover the origin and follow the historical evolution of theatre by reading plays from each major era: Greek, Roman, Medieval, Renaissance, Restoration, Elizabethan, Victorian, and 20th and 21st centuries.

GREEK AND ROMAN MYTHOLOGY-ELECTIVE

Course #165

Semester

.50 credit

Classic Literature contains many allusions to the mythology of Ancient Greek and Roman culture. This course will review the major gods and goddesses of these ancient religions and examine the most popular mythological stories of their time.

FEMININE LITERATURE-ELECTIVE

Course #121

Semester

.50 credit

This is a survey course highlighting women writers and influencers on Contemporary American Literature in poetry, fiction, and other genres from the 19th through the 21st century, such as Bradstreet, Chopin, Woolfe, Steinem, Friedan, Morrison, and others.

INTRODUCTION TO JOURNALISM

Course #127

Semester

.50 credit

Journalism is the activity of writing for newspapers, magazines, news websites or preparing news to be broadcast. Through this course students will have the opportunity to learn more about the field of journalism. Examples of topics to be covered are writing, editing, reporting, researching, and interviewing. In addition, students will have the opportunity to engage in real-world application of their learning by completing journalism projects and/or writing articles. These writing projects will enable class participants to build a portfolio of their written work.

KINNECT ENGLISH

Course #208

Year

1.0 credit

Kinnect is a project-based program that allows students of all levels - including college bound - to earn Social Studies and English credits through student-chosen projects and classwork as well as build their resume for career and/or college. Kinnect students consider community issues and problems and design and implement projects that provide improvements and solutions in those areas as they interface with people/agencies in the community. Students in Kinnect will need to be able to multitask, communicate effectively, reach deadlines, and self-motivate in order to be successful. The first marking period is a probationary period. Those who do not/cannot complete necessary requirements of projects and classwork at a satisfactory level will be rescheduled in a traditional classroom. Students interested in Kinnect are to complete the course selection process as normal but will also indicate their interest in Kinnect on their scheduling form. To be considered for Kinnect, students need to have passed their PSSA exams (incoming freshmen) and/or Keystone exams, not be a regular cause of behavioral issues, and possibly get a referral from a previous teacher. Additional program details will be shared with students who are accepted into Kinnect.

MATHEMATICS COURSES

ALGEBRA 1A (9th or 10th grade)

Course #410

Year

1.0 credit

This course is the first course, in a series of two courses, to prepare students for the Keystone exam. Algebra 1A explores fundamental concepts in Algebra. Topics include estimation, real numbers, algebraic properties, linear equations and inequalities, relations and functions, and coordinate geometry, including slope and graphing. **This course is designed for 9th and 10th grade students based on teacher recommendation.** Once successfully completed, students should enroll in Algebra 1B.

ALGEBRA 1B (10th or 11th grade)

Course #411

Year

1.0 credit

Prerequisite: Algebra 1A

This course is the second course, in a series of two courses, to prepare students for the Keystone exam. Algebra 1B further explores fundamental concepts in Algebra. Topics include linear equations and coordinate geometry, exponent rules, systems of equations and inequalities, operations with polynomials, rational expressions, statistics, and probability, in addition to review of Algebra 1A topics. **This course is designed for tenth or eleventh grade students based on teacher recommendation.**

CP ALGEBRA 1 [NCAA](#)

Course #412

Year

1.0 credit

This course explores advanced concepts in Algebra that will prepare the learner for college. Special emphasis is placed on linear functions, which will include representations of many forms: verbal descriptions, equations, tables, and graphs. Other topics include probability and data analysis, as well as some geometry concepts. This course will help prepare students for college level courses by giving an in-depth look at Algebraic concepts.

CONSUMER MATH

Course #405

Year

1.0 credit

Prerequisites: Students must have previously earned two math credits to select this course. This course will serve as a third math credit, following ALG 1B or ALG 2.

This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.

DE ADVANCED ALGEBRA 2 [NCAA](#)

Penn Highlands

3.00 college credits

Course #440

Year

1.0 high school credit

1.4 GPA Weight

Recommendation: Pass CP Algebra I with a 80% or higher.

Advanced Algebra 2 builds upon Algebra 1, focusing on functions, equations, inequalities, polynomials, and matrices. Students deepen their understanding of various functions, including linear, quadratic, exponential, logarithmic, rational, and trigonometric functions. Emphasis is placed on graph analysis, equation solving, and advanced algebraic manipulation, such as polynomial operations and factoring. Additionally, students learn about matrices and their applications in solving systems of equations. Problem-solving and critical thinking are emphasized throughout the course, preparing students for further mathematical study.

*Fulfills PHCC MAT 145

ALGEBRA 2

Course #419

Year

1.0 credit

Recommendation: Pass CP Algebra I or Algebra 1B.

This course further explores fundamental concepts of Algebra. The learner will be provided with abundant practice. Key topics include linear equations and inequalities, and quadratic, polynomial, exponential, logarithmic, radical, and rational functions. Students will learn to model real-world situations. The intention is to introduce students to these concepts in a comprehensible and coherent way, rather than insisting on mathematical rigor.

CP ALGEBRA 2 [NCAA](#)

Course #420

Year

1.0 credit

Recommendation: Pass CP Algebra I or Algebra 1B with a 70% or higher.

This course further explores concepts of Algebra that will prepare the learner for college. Topics are organized around families of functions; including linear, quadratic, exponential, logarithmic, radical, and rational functions. Students will learn to model real-world situations using functions in order to solve problems arising from these situations. Additional topics may include probability and data analysis, geometry and trigonometry. This course will help prepare students for college level courses by giving an in-depth look at Algebra concepts.

GEOMETRY

Course #413

Year

1.0 credit

Recommendation: Pass Algebra 2 or Pass Algebra IA and Algebra IB.

This course explores fundamental concepts of Geometry. The learner will be provided with abundant practice. This course will focus on properties of lines, angles, polygons, and circles. Students will also examine perimeter, area, surface area, and volume of various figures. Concepts explored will have real-world applications. Other topics included probability and data analysis, as well as some basic algebra concepts. The intention is to introduce students to these concepts in a comprehensible and coherent way, rather than insisting on mathematical rigor.

CP GEOMETRY [NCAA](#)

Course #421

Year

1.0 credit

Recommendation: Pass CP Algebra 2 with a 70% or higher.

This course explores advanced concepts of Geometry that will prepare the learner for college. Students will develop reasoning and problem solving skills as they study topics such as congruence and similarity; and apply properties of lines, triangles, quadrilaterals, and circles. Students will also apply length, perimeter, area, circumference, surface area, and volume to real-world situations. Other topics include probability and data analysis, as well as some algebra concepts. This course will help prepare students for college level courses by giving an in-depth look at Geometry concepts.

CP TRIGONOMETRY & PRE-CALCULUS [NCAA](#)

Course #452

Year

1.0 credit

1.2 GPA Weight

Recommendation: Pass CP Geometry and CP Algebra 2 with a 70% or higher.

This course explores concepts of Trigonometry and Pre-Calculus essential for advanced mathematics courses, such as Calculus. The topics in this course will include trigonometric functions and identities, algebraic functions (polynomial, exponential, logarithmic, rational), systems of equations and inequalities, matrices and determinants, sequences and series, probability, analytic geometry, and an introduction to limits. This course will emphasize problem-solving, critical thinking, and real-world applications to prepare students for college.

AP STATISTICS [NCAA](#)

Course #455

Year

1.0 credit

1.4 GPA Weight

Recommendation: Pass two high school college prep math classes with a 70% or higher.

AP Statistics is an advanced placement course designed to provide students with a rigorous introduction to statistical analysis and inference. This course covers a comprehensive range of topics, including exploratory data analysis, probability, sampling distributions, and hypothesis testing. By the end of the course, students will be well-prepared to demonstrate mastery of statistical concepts and techniques on the AP Statistics exam, as well as to be equipped with the analytical skills necessary for success in higher education and professional endeavors. This course may be taken concurrently with another mathematics course. This course is designed to challenge those learners who are seeking to be better prepared for enrolling in a four-year college.

AP CALCULUS [NCAA](#)

Course #453

Year

1.0 credit

1.4 GPA Weight

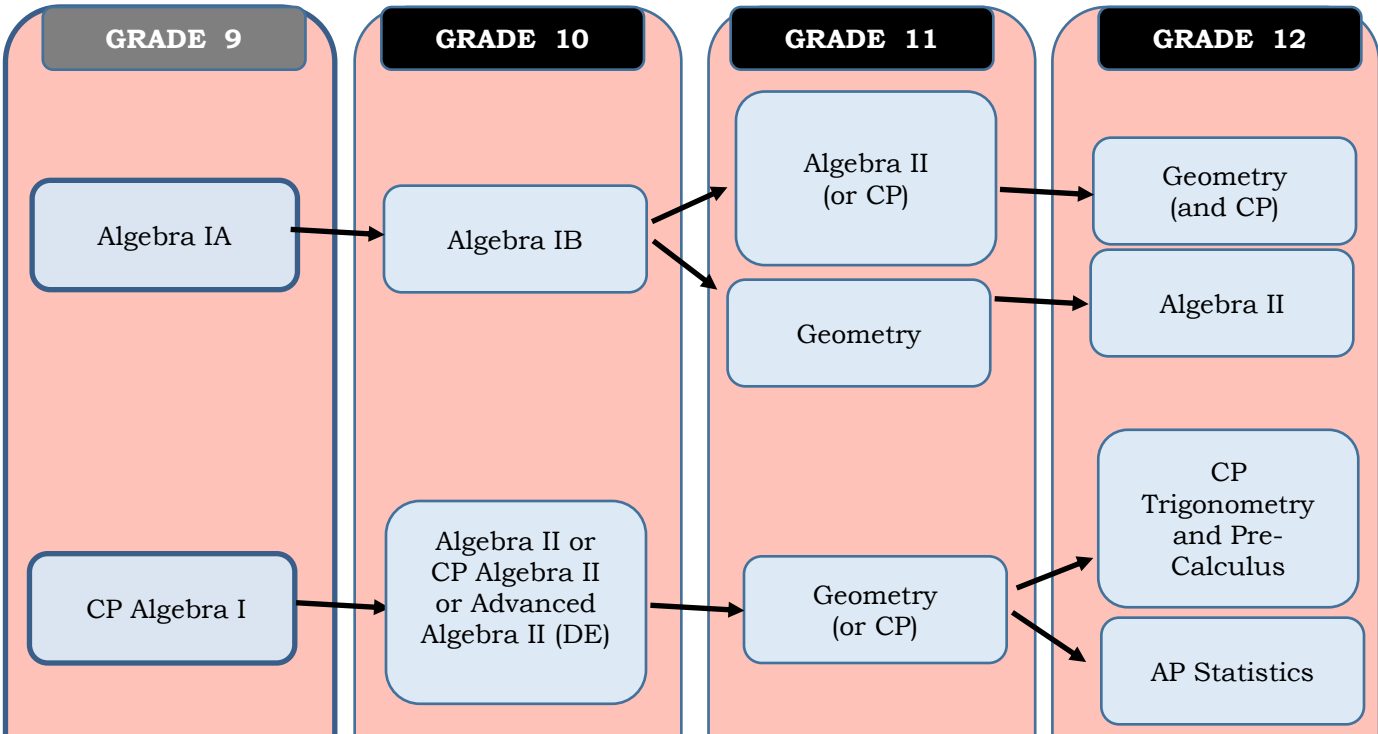
Recommendation: Pass CP Trigonometry and Pre-Calculus (80% of higher).

This course is designed for mathematically talented students who have completed their required secondary mathematics courses. It consists of a study of function, analytic geometry, and differential and integral calculus; including theory and application. The course is recommended for students planning to major in engineering, science, or mathematics in college.

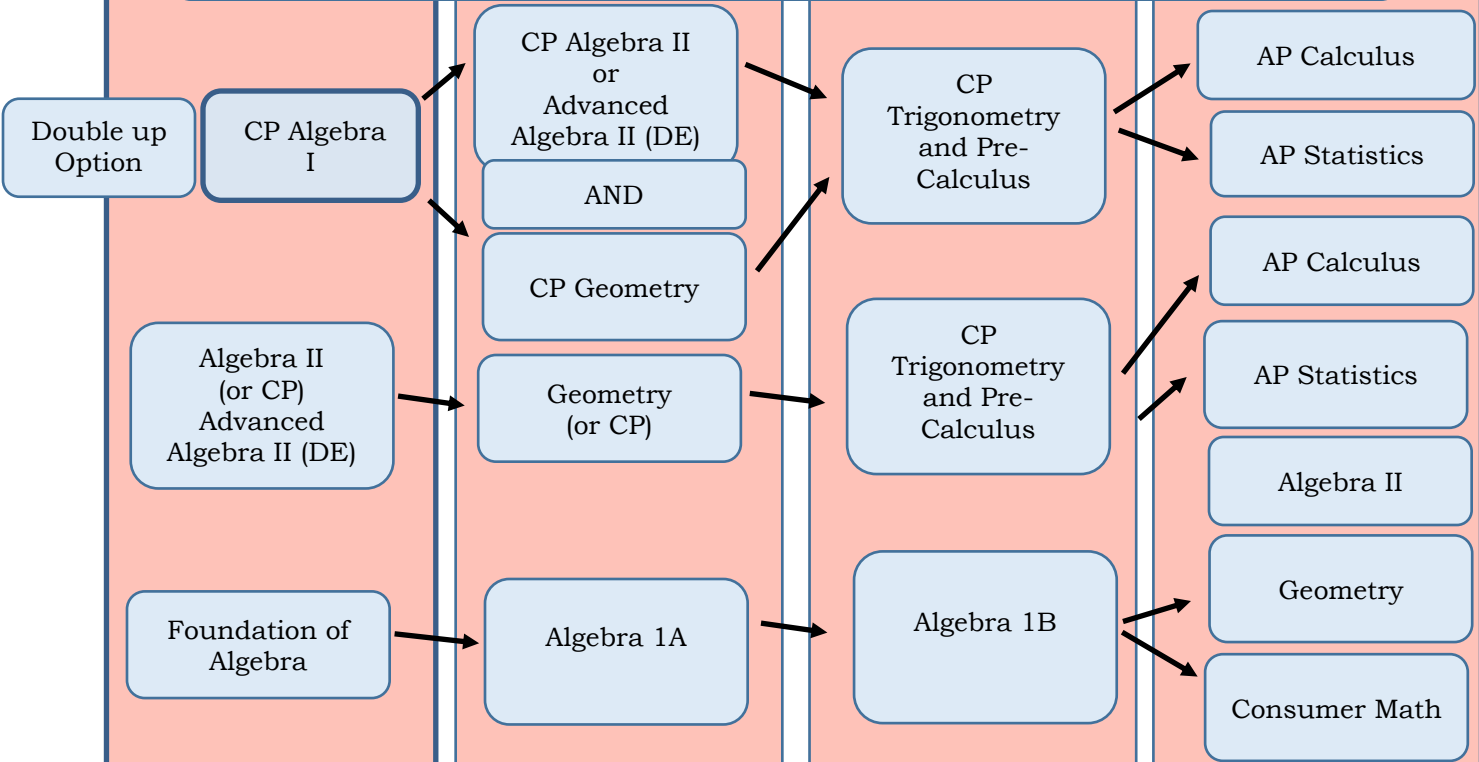
NOTE: Students **will have the option** to take the AP Exam in May.

Note: Please see the next page for recommended mathematics course pathways.

Note: AP Statistics can also serve as a third year of math for students who have completed two college preparatory courses or higher with a 70% or higher.



Note: Consumer Math can serve as a third year math course in any sequence listed above



Note: Please see course prerequisites and sequencing of CP courses in the course descriptions

SCIENCE COURSES

CP GENERAL SCIENCE (9th grade) [NCAA](#)

Course #522

Year

1.0 credit

This course is divided into two sections. In section 1 the focus will be on Earth and Space and include studies of the Universe and stars, Earth and the solar system, Earth's history, systems of the Earth, plate tectonics, the role of water in Earth's systems, weather/climate, biogeology, natural resources, and human impact on Earth's systems. In section 2 the focus will be on the environment and ecology and include studies of renewable and non-renewable resources, alternative energies, waste and waste management, watersheds and wetlands, environmental health, humans and the environment and ecosystems and their interactions. Objectives of the course are covered using a variety of methods which include lab activities, project group work, learner research, audio-visual aids, close reading strategies, individual work and lecture.

HONORS BIOLOGY (9th or 10th grade) [NCAA](#)

Course #511

Year

1.0 credit

1.2 GPA Weight

Prerequisite: At least a 92% final grade in 8th grade math and 7th and 8th grade science courses.

This course is devoted to studying living organisms in an intellectually challenging manner. It explores cellular structure and function, photosynthesis and respiration, genetics and the principles of heredity, ecological relationships, adaptability and diversity, and evolutionary concepts. These areas of study are aligned with the PA Keystone Exam content. Various teaching strategies and laboratory investigations--some of which incorporate Juniata College's Science in Motion--are utilized, and students are introduced to modern tools and methods of biology. *As this is an honors course, the assessments used are more rigorous.*

CP BIOLOGY (10th grade) [NCAA](#)

Course #510

Year

1.0 credit

This course is devoted to the study of living organisms. It explores cellular structure and function, photosynthesis and respiration, genetics and the principles of heredity, ecological relationships, adaptability and diversity, and evolutionary concepts. These areas of study are aligned with the PA Keystone Exam content. Various teaching strategies and laboratory investigations--some of which incorporate Juniata College's Science in Motion--are utilized, and students are introduced to modern tools and methods of biology.

AP BIOLOGY (11th or 12th grade) [NCAA](#)

Course #552

Year

1.5 credit

Daily with double period every other day

1.4 GPA Weight

Prerequisite: Students must have earned a B or better in Honors Biology or an A in College Prep Biology AND must have earned a B- or better in either CP Chemistry or Honors Chemistry. In addition, students must be proficient or better on the Biology Keystone exam.

The AP Biology course is designed to be the equivalent of a college-level introductory biology course but taught within the parameters of a high school setting. The intent of the course is to offer students a solid curriculum in general biology concepts and to assist students in developing an appreciation for the study of life. The course content and inquiry-based labs are organized around biological principles called **big ideas** that permeate the entire course and focus on the following topics:

- **Big Idea 1:** The process of evolution drives the diversity and the unity of life;
- **Big Idea 2:** Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis;
- **Big Idea 3:** Living systems store, retrieve, transmit, and respond to information essential to life processes;
- **Big Idea 4:** Biological systems interact, and these systems and their interactions possess complex properties.

NOTE: Students will be expected to take the AP Exam in May.

PHYSICAL SCIENCE

Course #524

Year

1.0 credit

This course will not go into the depth of CP Chemistry nor Honors Physics, and is not math intensive. The first semester students will learn the basic concepts of Chemistry such as atoms, matter, reactions, gases, Periodic Table, bonding, and nuclear chemistry. Second semester will be covering the concepts of physics such as how things move, why they move, the energy transfers of motion, electricity, magnetism and waves. The class is a traditional science classroom that consists of lectures, discussions and laboratory experiments. Grades will be based on homework, tests and lab responses This class is not appropriate if you have taken CP Chemistry, Honors Chemistry and/or Honors Physics.

HONORS CHEMISTRY (10th, 11th or 12th grade) **NCAA**

Course #535

Year

1.0 credit

1.2 GPA Weight

Prerequisite: B- or better in CP or Honors Biology; B- or currently taking Algebra 2

Honors Chemistry is a first-year chemistry course with focus placed on problem solving and hands-on laboratory experiments. The material covered includes: Matter, Periodic Table, atomic structure, writing and balancing chemical equations, the mole concept and stoichiometry, the gas laws, solutions, equilibrium and kinetics. Class time is split between the laboratory and classroom where students will work both independently and collaboratively with others. Instruction is primarily lecture based with some independent discovery. Honors Chemistry will prepare students for careers in the medical field, science and engineering, as well as others. Laboratory experiments and reports will be completed to introduce/reinforce concepts taught in class.

CP CHEMISTRY I (11th or 12th grade) **NCAA**

Course #532 Year

1.0 credit

Prerequisite: C- in CP Biology/Honors Biology and B- in Algebra I or passed the Algebra Keystone, and be currently enrolled in Algebra 2 or higher mathematics course.

Areas of investigation in Chemistry include the chemist's techniques and concepts of matter, atomic theory and periodicity, the language and quantitative concepts of chemistry, energy of chemical reactions, and the prediction and control of chemical reactions. CP Chemistry I and CP Chemistry II will cover those areas necessary for successful work in a first-year college chemistry course. Class time is split between the laboratory and classroom where students will work both independently and collaboratively with others.

CP CHEMISTRY II **NCAA**

Course #530

Year

1.0 credit

Prerequisite: C- or better in both CP Chemistry I and Algebra 2.

CP Chemistry II is a yearlong course that is intended to serve as a direct extension of the CP Chemistry I course. This is a second-year chemistry course for students who are interested in taking another year of chemistry in order to be more prepared for chemistry in college.

DUAL ENROLLMENT/AP CHEMISTRY (11TH or 12th grade) **NCAA**

Penn Highlands

3.00 college credits

Year

1.5 high school credit

Course #554

Daily with double period every other day

1.4 GPA Weight

Prerequisite: B- or better in both Honors Chemistry and Algebra 2.

The AP Chemistry program is a second-year chemistry course that provides an opportunity for students to receive credit for college-level coursework. The material covered includes atomic theory, periodicity within the Periodic Table, chemical bonding, gas laws, liquids and solids, solutions, stoichiometry, reaction types, equilibrium, kinetics, and thermodynamics. The material will be presented through lectures, problem-solving sessions, and extensive reading assignments in the text. Emphasis will also be placed on laboratory techniques and calculations. There will be a summer assignment prior to the school year to review the basics of Honors Chemistry.

***Fulfills PHCC CHM 120**

AP ENVIRONMENTAL SCIENCE (11th or 12th grade) [NCAA](#)**Course #526****Year****1.0 credit****Pre-requisites: 85% or better in 10th grade Biology or teacher's permission.**

Issues concerning the environment are a common feature in our daily news and it is important to be aware of these events. A person's overall health is affected by the quality of the environment they live in; from the cleanliness of the air they are breathing, to the purity of the water available to drink, and the quality of the habitat in which they live. AP Environmental Science will provide you with current issues, theories, data, and how they relate to you, the student, and society as a whole. The goal for you is to make sure you understand the advanced Environmental Science course concepts and to make connections between the concepts you are learning and the relevance to your life and the lives of others. Content covered will include: The Living World, Populations, Earth Systems and Resources, Land and Water Use, Energy Resources and Consumption, Pollution, and Global Change.

Note: There will be required field trips for the course, class presentations, and learners are expected to complete a summer research project to be prepared for the start of the course.

HONORS PHYSICS (11th or 12th) [NCAA](#)**Course #540****Year****1.0 credit****1.2 GPA Weight****Prerequisite: Must currently be taking or have completed and passed CP Trigonometry and Precalculus.**

The course is a mathematical intensive course that consists of the following units: the science of measurement, kinematics (how things move), mechanics (what causes motion), energy, momentum, sound, waves, and nuclear physics. Each topic focuses on the theory, mathematical principles, and problem techniques needed to model physical principles in our everyday world. Laboratory experiments and reports will be completed to introduce/reinforce concepts taught in class.

HONORS PHYSICS II [NCAA](#)**Course #542****Year****1.0 credit****1.2 GPA Weight****Prerequisite: Students must have taken Honors Physics and earned a B+ or better unless the instructor gives permission.**

Physics II is a year-long course that is intended to serve as a direct extension of the Honors Physics course. This is a second-year physics course for students who are interested in taking another year of physics. Topics for this class will cover electricity and magnetism, fluids and pressure, light, and optics. Laboratory experiments and reports will be completed to introduce/reinforce concepts taught in class.

CP ANATOMY AND PHYSIOLOGY [NCAA](#)**Course #546****Year****1.0 credit****Prerequisite: CP Biology or Honors Biology**

The aim of this course is to expand upon what was learned in your Biology class while emphasizing the application of this material to human structures and functions. This course begins the study of human beings at the microscopic level and works its way up to an in-depth study of select organ systems. It is also designed to give the student an understanding of how structure and function are related in the human body. The student will study the human body from the cellular level to the organ system level. All of the major body systems will be studied in great detail. Additionally, biochemistry, cell biology, histology, biotechnology, bioethics, and pathology will also be studied. This course is highly recommended for students seeking a career in science or a health-related profession.

ENGINEERING NCAA

Course#757

Year

1.0 credit

Engineering is a combination consisting of an introductory circuit analysis course, simple machines, computer-aided design, and an application of various physics concepts through project-based learning. The first segment of the class will be an introduction to the course and tool safety. Following tool safety, we will move into simple machines and will apply their impact and mechanical advantage. From there we will be focusing on physics concepts pertaining to kinetic and potential energy, in addition to trajectory and projectiles along with applicable forces. The third unit will be an introduction to DC and AC circuit theory and analysis. The theory includes electrical measurement systems, Ohm's Law, Kirchoff's Laws, circuit theorems, and component characteristics. Laboratory work provides experience with electrical components, schematics, electrical tools, and basic electrical and electronic instrumentation. The final segment of the course will involve learning the basic understanding of manipulating geometry entities and design options to create 2-D and 3-D models. Students will use Adobe software to print files using a 30-watt laser engraver. In addition, students will be using CAD software to develop files to create 3D pieces to be made from a CNC machine.

Note: This class will count toward the graduation requirements for a science credit (3.0 credits total).

AGRICULTURE EDUCATION

Agriculture education at Huntingdon Area High School provides a wide array of subject matter. In addition to academic classroom work associated with most classes, agricultural education gives the learner practical, hands-on experience that is vital to understanding the subject matter. Students are encouraged to get their hands dirty in the greenhouse, explore what makes an animal function and study wildlife, learn about natural resources and the world around them, strengthen leadership skills, and develop lifelong skills in the agriculture mechanics lab. Students in all courses will be exposed to FFA and Supervised Agricultural Experiences (SAE) principles. Enrollment is open to all students and class rosters are determined by class size limitations.

INTRODUCTION TO AGRICULTURE

Course #721

Year

1.0 credit

The course will use a combination of formal instruction and hands-on activities to explore the many sectors of Agriculture. Course content includes, but is not limited to Agricultural Careers, Agriscience, Food Science, Animal Science, Wildlife, Forestry, Natural Resources, Agricultural Technology, Plant and Soil Science, Innovative Agricultural Practices, Agribusiness, Supervised Agricultural Experiences, FFA, Public Speaking and Parliamentary Procedure.

This course will be offered every year.

FFA LEADERSHIP (10th – 12th Grade)

Course #753

Year

1.0 credit

Course #752

Semester

.50 credit

This course will explore various aspects of Leadership. Students will learn about the FFA and the leadership opportunities it provides. The class will utilize formal instruction as well as hands-on experience in areas such as Public Speaking, Parliamentary Procedure, Careers, Ag Business, FFA and more. All students in this class will be expected to maintain a Supervised Agricultural Experience during their time in the class.

This course will be offered every year.

INDEPENDENT SUPERVISED AGRICULTURAL EXPERIENCE (9th – 12th Grade)

Course #754

Year

1.0 credit

Students should choose an Agriculturally related project or projects to conduct as their SAE. While they will carry the project out on their own, they will be supervised by the Ag Education Teacher and their records will be graded at least twice per marking period. Students will learn skills specific to their project and career goals, but all students will gain experience in record keeping, responsibility and accountability while exploring their career interests. Students should check in with the Agricultural Education Teacher regularly to discuss plans for starting and continuing their SAE. Google Classroom will be utilized for assignments. Students who wish to take this class should get prior approval from the Agricultural Education Teacher and should be planning to be involved in other Agricultural Education courses and/or FFA.

This course will be offered every year.

AG BUSINESS (11th and 12th Grade)

Course #722

Semester

1.0 credit

This class will introduce students to the financial information needed to operate with financial success in life. It will help students design a financial plan for the future and understand the process behind mortgages, savings, checking, insurance, credit cards, personal taxes, investing, etc. The course objectives mirror the objectives of Financial Preparation for Life but for this section we will focus on best practices for students choosing to follow an agricultural career path. The Agricultural Business Foundations course includes: starting a business, financial documents, risk management, and writing a business plan. Throughout the course are practical and engaging activities, projects, and problems to develop and improve business and employability skills. Additionally, students investigate and develop viable business plans in order to solve local problems. This course is project-based. All assessments will be done based on the submission of projects related to the section being studied. This class is recommended for all students as a good life learning course. Note: Finance will become a requirement for students graduating in the class of 2027.

The Following Courses Will Be Offered During the 2025-2026 School Year

PLANT / SOIL SCIENCE (10th-12th grade) NCAA

Course #720

Year

1.0 credit

Prerequisites – Must have passed or concurrently be enrolled in Biology

The course will use formal instruction along with hands-on activities to educate students in the areas including, but not limited to Plant Anatomy and Structure, Plant Physiology, Horticulture, Floriculture, Gardening, Landscaping, Hydroponics, Genetically Modified Organisms, Integrated Pest Management, Soil Profiles & Textures, Soil Capabilities and Soil Conservation. Agricultural Technology and innovative practices will also be a part of this course and Supervised Ag Experiences and FFA will be incorporated from time to time.

This course will only be offered odd numbered-beginning school years (2025-26) etc.

Note: This class will count toward the graduation requirements for a science credit (3.0 credits total).

WILDLIFE & FISHERY SCIENCE (9th – 12th Grade)

Course #716

Semester

.50 credit

The purpose of this course is to introduce students to Wildlife & Fishery Science. They will learn about wildlife and fish ecology and biology and study specific species of wildlife & fish. Students will also learn about Agricultural Careers, Supervised Agricultural Experiences and FFA from time to time.

This course will only be offered odd numbered-beginning school years (2025-26) etc.

Note: This class will count toward the graduation requirements for a science credit (3.0 credits total).

AGRICULTURAL STRUCTURES - Woodworking, Carpentry, Masonry, Electrical

Course #717

Year

1.0 credit

This purpose of this course is to provide students with an introduction to Woodworking, Carpentry, Masonry and Electrical work. The course will utilize formal instruction as well as hands-on activities to provide students with experiences in these areas. Safety and careers will be key components to this class along with the content and skills for each of these areas. Students will also be exposed to Supervised Agricultural Experiences and FFA opportunities.

This course will only be offered odd numbered-beginning school years (2025-26) etc

The Following Courses Will Be Offered During the 2026-2027 School Year

LARGE ANIMAL SCIENCE (9th – 12th Grade)

Course #723

Semester

.50 credit

The course will use a combination of formal instruction along with hands-on experiences to teach students about Dairy Cattle, Beef Cattle, Pigs, Goats, Sheep, Horses and other large animals. Students will learn about the science behind animals and how it is applied to Production Agriculture. Topics covered on each species will include but is not limited to, Industry Trends, Terminology, Breeds, Good Production Practices, Feeding, Diseases, and Marketing. Units on Animal Digestion, Genetics and Animal Welfare will also be included in the course. Supervised Agricultural Experience and FFA will be incorporated into the course as well.

This course will only be offered even numbered-beginning school years (2026-27), etc

Note: This class will count toward the graduation requirements for a science credit (3.0 credits total).

SMALL ANIMAL CARE (9 – 12th Grade)

Course #715

Semester

.50 credit

This course will explore small animals such as cats, dogs, rabbits, chickens and pocket pets as well as a few less common small animals if time allows. The course will combine formal instruction along with hands-on activities to cover areas including, but not limited to regular animal care, safety, sanitation, terminology, species roles in society, anatomy & physiology, animal nutrition, principles of disease, reproduction, careers and animal management. Supervised Agricultural Experience and FFA will be incorporated into the course as well.

This course will only be offered even numbered-beginning school years (2026-27), etc.

Note: This class will count toward the graduation requirements for a science credit (3.0 credits total).

AGRICULTURAL MECHANICS AND EQUIPMENT - Metalworking, Plumbing, Engine Systems

Course #714

Year

1.0 credit

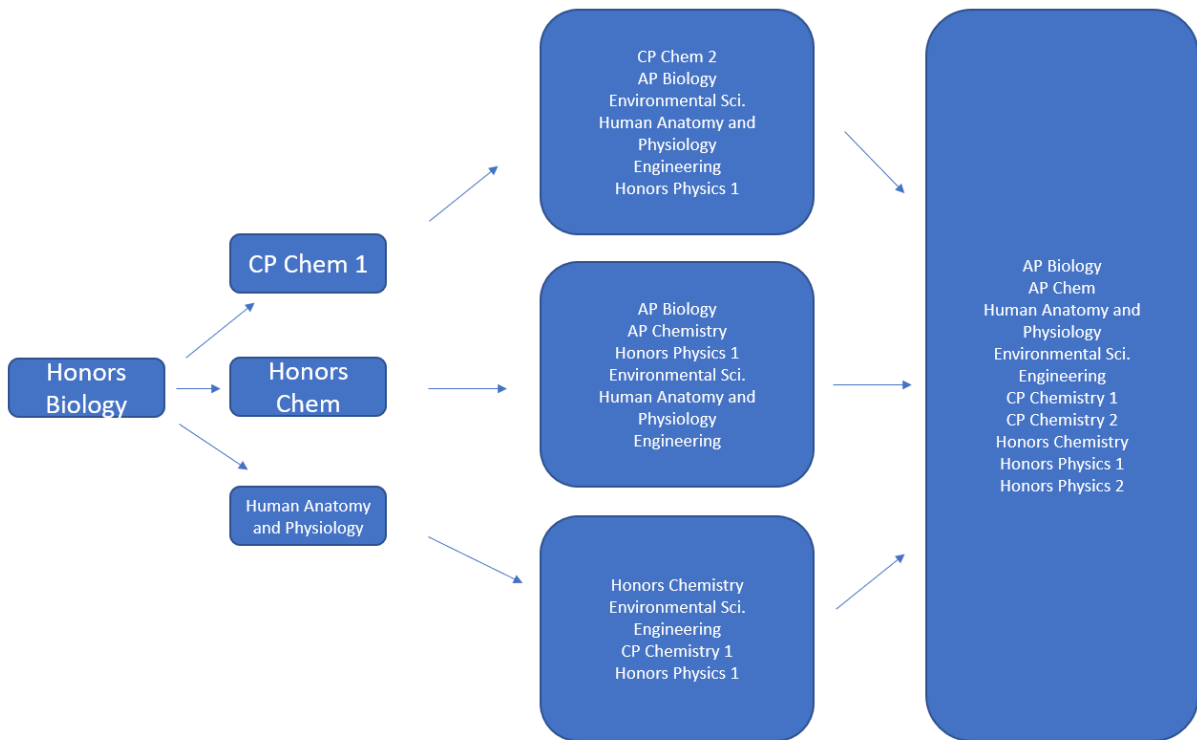
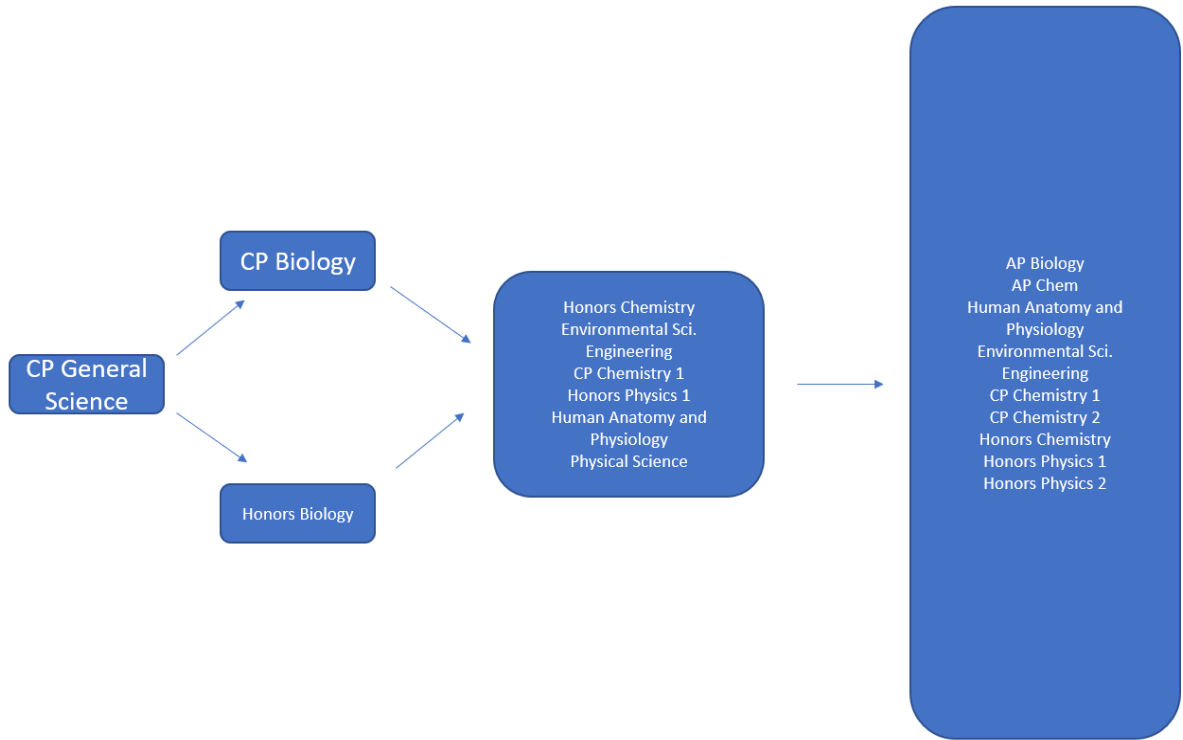
This purpose of this course is to provide students with an introduction to Metalworking, Plumbing and Engine Systems. The course will utilize formal instruction as well as hands-on activities to provide students with experiences in these areas. Safety and careers will be key components to this class along with the content and skills for each of these areas. Students will also be exposed to Supervised Agricultural Experiences and FFA opportunities.

This course will only be offered even numbered-beginning school years (2026-2027) etc.

Note: Please see the next page for recommended science course pathways.

Notes:

- Biology (CP/Honors) is a required course for the Keystone Exam
- Students may take two science courses in a year, depending upon scheduling availability and prerequisites
- There are numerous elective options during the senior year
- Additional Science Offerings:
 - *Engineering
 - *Large Animal Care
 - *Small Animal Care
 - *Wildlife and Fishery Science



SOCIAL STUDIES

CP MODERN WORLD HISTORY **NCAA**

Course #211

Year

1.0 credit

Beginning with the reawakening of humanistic intellectual curiosity that emerged in 15th century Europe during the Renaissance, the purpose of this course is to examine the influence of this movement over centuries and continents to inspire the cultural, economic, political, religious and scientific revolutions that have brought about the modern, interdependent global society which we inhabit today. With an emphasis on the socio-cultural and historical developments of Europe, Asia, Africa and Latin America, Modern World History envisions an informed, discriminating learner who acts with appreciation, judgment and respect for the shared humanity of all.

HONORS MODERN WORLD HISTORY **NCAA**

Course #141

Year

1.0 credit

1.2 GPA Weight

Honors Modern World History is an option that meets the requirements for freshman level social studies; as it is a much more rigorous pace and workload; students are expected to be capable of autonomous learning. Focusing on major themes and key concepts throughout the modern world's development, the intent of this course is to examine our historical evolution while creating a more discerning learner. Honing students' analytical skills through chronological reasoning, comparison and contextualization, developing historical arguments based on evidence and historical interpretation and synthesis is integral in creating invested students. *Due to the content, pace and supplemental resources utilized in this course, it is HIGHLY RECOMMENDED that students have strong reading and writing capabilities.*

CP U.S. HISTORY I **NCAA**

Course #213

Year

1.0 credit

U.S. History is a year-long course analyzing the origins of the American nation in the Revolutionary War Era, Creation of the National Government, Growth of the New Country, and the Civil War Era. The course prepares students to grasp fundamental questions concerning the history of the United States from the proper role of government in a representative democracy to the role of social movements in shaping the character of the American experience. At the conclusion of the course students will have a ready command of the details of American history, allowing them both the historical perspective to comment on particulars as well as inform their thinking regarding current issues. Throughout the course students will examine the intersection of economic, political, and ideological concerns at different points in the United States' early history.

HONORS U.S. HISTORY **NCAA**

Course #151

Year

1.0 credit

1.2 GPA Weight

This course will go more in depth and is more detailed than the regular U.S. History I course.

Students will be expected to enter their class having exceptional reading, writing, thinking, speaking, and researching skills. U.S. History is a year-long course analyzing the origins of the American nation in the Colonial Period, Revolutionary War Era, Creation of the National Government, Growth of the New Country, and the Civil War Era. The course prepares students to grasp fundamental questions concerning the history of the United States from the proper role of government in a representative democracy to the role of social movements in shaping the character of the American experience. Students engage in weekly higher-level outside readings and books in addition to traditional textbook study. Assessments are largely essays and include research-based projects. Content and assignments in this class extend into the AP US History class the following year. At the conclusion of the course students will have a mastery of the details of American history, allowing them both the historical perspective to comment on particulars as well as inform their thinking regarding current issues. Throughout the course students will examine the intersection of literary, social, religions, cultural, economic, political, and ideological concerns at different points in the United States' early history.

DUAL ENROLLMENT/AP U.S. HISTORY I (Fall 2025) & II (Spring 2026) [NCAA](#) (10th or 11th grade)
Penn Highlands 3.00 College credits per semester
1.0 High School credit

Course #144 **Year** **1.4 GPA Weight**

This rigorous, fast-paced college-level course is a year-long class that will cover the American experience from the Colonial Period through the Contemporary Age. To be successful in the class, students should have completed the Honors World History course with a minimum of a B+ average or with strong teacher recommendation. Students will be expected to enter the class having exceptional reading, writing, thinking, speaking, and researching skills. Students engage in daily higher-level outside supplemental materials and books in addition to traditional challenging textbook study. Assessments are largely essays and include research-based projects. At the conclusion of the course, students will have a mastery of the details of American history, allowing them the historical perspective to complete the A.P. U.S. History exam. Throughout the course, students will examine the intersection of literary, social, religious, cultural, economic, political, and ideological concerns at different points in the United

***Fulfills PHCC HIST 100 and HIST 110**

CP U.S. HISTORY II [NCAA](#)

Course #215 **Year** **1.0 credit**

This required class is a survey of American History from the Progressive Era to the present, with emphasis being placed on the historical development of the United States. Students should gain an understanding of American ideals, with special attention given to the contributions by society as a whole. There is also attention given to contemporary history, especially the 20th century.

HONORS US HISTORY II [NCAA](#)

Course #152 **Year** **1.0 credit**
1.2 GPA Weight

Prerequisite: US History I

Honors US History is a high school course taught with college-level expectations. Students will be expected to enter this class having better than average reading, writing, thinking, speaking and researching skills. The course will consist of a thematic study of the period 1877 to the present. Topics will include the American Politics during the Populist and Progressive Era; America becoming a World Power; World War I; the Roaring Twenties; The Great Depression/New Deal Era; World War II; the Cold War Era, with a special focus on the Vietnam Conflict; The Civil Rights and Equal Rights Movements; and finally, an update on current issues in modern America during the 70's, 80's and 90's. All students will be expected to participate (at least) at the local level, in the annual National History Day program. All students will be expected to conduct extensive research in preparation of individual as well as group (oral) presentations and class projects. All students will be expected to keep and maintain a current event journal. All students will be expected to demonstrate better than average competency in writing. Students will be expected to demonstrate proficiency and skill in using technology, in building project presentations with such tools as PowerPoint and digital photography, etc. Finally, this course will incorporate American literature.

CP AMERICAN GOVERNMENT AND ECONOMICS(11th – 12th grade) [NCAA](#)

Course #217 **Year** **1.0 credit**

Prerequisite:US History I & II

Designed to incorporate the blended learning approach, students will receive both in-class and online instruction in this course, which will emulate an introductory college-level environment. As the pace and content will be rigorous, students are expected to possess strong written and oral communication skills, along with adept reading, analytical, and research capabilities. While the historical foundations, functions, and structure of federal and Pennsylvania government, and the economic principles of the United States, will be explored, there will also be a strong emphasis on the civic nature of the political and economic systems: what it means to be a participatory and engaged citizen. Students will also experience a more personalized approach with regard to optional assignments, assessment mastery, and project choice to name a few.

HONORS AMERICAN GOVERNMENT AND ECONOMICS (12th grade) [NCAA](#)**Course #148****Year****1.0 credit****1.2 GPA Weight**

Designed to incorporate the blended learning approach, students will receive both in-class and online instruction in this course which will emulate an introductory college-level environment. As the pace and content will be rigorous, students are expected to possess strong written and oral communication skills, along with adept reading, analytical and research capabilities. While the historical foundations, functions and structure of federal and Pennsylvania government and the economic principles of the United States will be explored, there will also be a strong emphasis on the civic nature of the political and economic systems: what it means to be a participatory and engaged citizen. Students will also experience a more personalized approach with regard to optional assignments, assessment mastery and project choice to name a few.

DUAL ENROLLMENT AMERICAN POLITICS/AP AMERICAN GOVERNMENT (12th grade) [NCAA](#)**1.0 credit****Course #153****Year****1.4 GPA Weight**

Concurrent Enrollment/AP Government is a college-level course that meets the high school government requirement. American government explores the history, function, and structure of both federal and Pennsylvania governments. All students choosing this option are expected to demonstrate exceptional reading, writing, research, and analytical skills as the pace of the course will be rigorous. There is a heavy discussion-based component to this course along with individual and small group projects, document analysis, and research opportunities, all of which will lead to a deeper understanding of the American political process.

DUAL ENROLLMENT PSYCHOLOGY (Elective - 11th or 12th Grade) [NCAA](#)**Penn Highlands****3.00 college credits****1.0 credit high school credits****Course #236****Year****1.4 GPA Weight**

As a dual enrollment course, this course is designed as an introduction to the diverse fields and interests of psychology. Through the study of these various areas, it is intended to explore components of and influences on human behavior to help promote awareness of how who we are impacts not only the individual but others as well. Topics include personality development, the history of psychology, research methods, physiological processes and the brain, learning and memory, development over the lifespan, psychological disorders, and social psychology.

Fulfills PHCC PSY 100*PSYCHOLOGY (Elective - 11th or 12th Grade) [NCAA](#)****Course #235****Semester****.50 credit**

This course is designed as an introduction to the diverse fields and interests of psychology, this course is intended to, through the study of these various areas, explore components of and influences on human behavior to help promote awareness of how who we are impacts not only the individual but others as well. Topics include personality development, the history of psychology, research methods, physiological processes and the brain, learning and memory, development over the lifespan, psychological disorders, and social psychology.

PRINCIPLES OF SOCIOLOGY (Elective – 11th or 12th Grade) [NCAA](#)**Course #232****Semester****.50 credit**

This survey course encourages students to explore topics studied by sociologists. Topics include the structures and processes of human interaction, social institutions, and functions of culture, change, and research methods.

PENNSYLVANIA AND LOCAL HISTORY (Elective- 11th or 12th Grade) [NCAA](#)**Course #233****Semester****.50 credit**

We will explore current economic opportunities, Native Americans, the early years of colonialism, frontier conflicts, the American Revolution and after, the role of the state during the Civil War, evolution of transportation systems, immigration, agriculture, and industrialization. Geographic skills will be utilized as well as Internet activities.

ECONOMICS: PRINCIPLES AND APPLICATIONS

Course #230

Semester

.50 credit

This engaging and practical course introduces students to the fundamentals of economics, exploring how individuals, businesses, and governments make decisions about resources, goods, and services. Students will study key concepts such as supply and demand, market structures, economic systems, personal finance, and global trade. Through real-world applications, simulations, and critical discussions, students will analyze economic challenges and solutions, develop financial literacy, and gain insight into the impact of economic policies on society. This course equips students with the tools to think critically about the world around them and make informed choices in their personal and professional lives.

KINNECT SOCIAL STUDIES

Course #214

Year

1.0 credit

Kinnect is a project-based program that allows students of all levels - including college bound - to earn Social Studies and English credits through student-chosen projects and classwork as well as build their resume for career and/or college. Kinnect students consider community issues and problems and design and implement projects that provide improvements and solutions in those areas as they interface with people/agencies in the community. Students in Kinnect will need to be able to multitask, communicate effectively, reach deadlines, and self-motivate in order to be successful. The first marking period is a probationary period. Those who do not/cannot complete necessary requirements of projects and classwork at a satisfactory level will be rescheduled in a traditional classroom. Students interested in Kinnect are to complete the course selection process as normal but will also indicate their interest in Kinnect on their scheduling form. To be considered for Kinnect, students need to have passed their PSSA exams (incoming freshmen) and/or Keystone exams, not be a regular cause of behavioral issues, and possibly get a referral from a previous teacher. Additional program details will be shared with students who are accepted into Kinnect.

FOREIGN LANGUAGE

SPANISH I NCAA

Course #312

Year

1.0 credit

This course is a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and writing. Students will have the opportunity to participate in limited culture & history based research and traditions. They will also interact with guest speakers, both native and non-native, as representative of Hispanic countries. There are two main objectives to the course: to carry on a simple conversation and to teach basic understanding of Spanish culture, vocabulary, and grammatical concepts.

SPANISH II NCAA

Course #322

Year

1.0 credit

Prerequisite: Spanish I

This course builds upon knowledge gained in Spanish 1. Fundamental skills learned in Spanish I are reinforced: listening, speaking, reading and writing. An emphasis is placed on mastering pronunciation, basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary and proper sentence structure is expected to be demonstrated in speech and writing. Students will be exposed to complex verb structures and the past tenses to promote the use of sophisticated language and expression. Students will continue to appreciate Hispanic cultures through more detailed research embedded in lessons based on current events, holidays, celebrations, and gastronomy.

SPANISH III **NCAA****Course #332****Year****1.0 credit****Prerequisites: Spanish I and II**

This course builds upon knowledge gained in Spanish 1 & 2. The course is a continuation and recycling of knowledge acquired in those courses, as well as an introduction to more advanced vocabulary, structures and country-specific expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts to express their personal opinions and desires.

SPANISH IV **NCAA****Course #342****Year****1.0 credit****Prerequisites: Spanish I, II, and III**

This course is a culmination of the previous courses with a strong emphasis on oral communication and listening skills. Students are expected to participate in regular Spanish conversation with ease and demonstrate the ability to spontaneously utilize the language to express themselves in an unlimited variety of contexts. Students will receive exposure to authentic resources such as award-winning foreign films to develop a deeper understanding of Hispanic culture, history, community, and relationships. Students will have the opportunity to experience authentic language immersion in a role-playing situation.

The Huntingdon Area High School offers additional languages, ONLINE, as high school level courses through cooperative vendors and educational partners as part of the BILD program. If interested in additional language offerings, please see the BILD section of this packet for a listing of these courses.

HEALTH AND PHYSICAL EDUCATION CLASSES

PHYSICAL EDUCATION - Fulfills Requirement**Course #921****Semester****.50 credit**

This course will emphasize the importance of physical activity for overall health and well-being through fitness, sports and recreation. Students should come prepared to change into PE uniform and complete both sports and lifetime fitness activities.

FITNESS WALKING COURSE – Fulfills Requirement**Course #923****Semester****.50 credit**

Learners will be introduced to performance fitness walking as a lifelong activity that maintains and enhances health. Small groups will walk varying lengths conducted over various terrains including one mile to three miles both indoors and outdoors. Learners will be expected to define measurable fitness goals and monitor them throughout the course with graded walking assignments or ranked walks. The data to gather these goals will include pedometers, heart rate monitors, and other tools to help with target heart range and pacing. Learners should wear the required health and PE uniform including a pair of good running sneakers and be prepared to walk in all types of weather. This course consists of 2 marking periods of fitness walking.

HEALTH I – Fulfills Requirement**Course #924****Semester****.50 credit**

Health 1 is an introductory course designed to provide students with the foundational knowledge and skills necessary to make informed decisions about their physical, mental, and social well-being. The course covers essential topics in personal health, emphasizing the importance of making healthy lifestyle choices, understanding the body's systems,. Students will also learn about the impact of nutrition, exercise, and sleep on overall health, as well as strategies for preventing common health issues.

HEALTH II – Fulfills Requirement

Course #925

Semester

.50 credit

Prerequisite: Health I

Health 2 builds upon the foundational knowledge gained in Health 1, offering students a more in-depth look at complex topics related to physical, mental, and social health. This course covers growth and development, relationships, developing skills to manage stress and emotions, as well as the impacts of various diseases and disorders. We will explore the impact of lifestyle choices on long-term health, and develop advanced skills for personal health management. Through a combination of lectures, case studies, and interactive projects, students will deepen their understanding of health topics and apply them to real-life situations.

INTRO TO WEIGHT TRAINING – Fulfills Requirement

Course #920

Semester

.50 credit

This introductory course is designed for individuals looking to build a solid foundation in weight training, whether you're a beginner or returning to the gym after a break. You'll learn the basic principles of resistance training, including proper form, essential exercises, and how to develop a balanced workout routine. The class will focus on using free weights, machines, and bodyweight exercises to target all major muscle groups, with an emphasis on safety, injury prevention, and gradual progress. Students will be using current technology to create and log daily workouts.

ADVANCED WEIGHT TRAINING – Fulfills Requirement

Course #922

Semester

.50 credit

Prerequisite: Intro to Weight Training

This class is geared to student athletes who want to focus on strength training throughout the entire year, both in-season and off-season. This class will have differentiated instruction for every student, the teacher will be able to communicate directly with all coaches to meet the student athlete needs. In this class students will be using state of the art technology, PLT4M app, to record/log progress. The teacher will be able to monitor all progress with this app, create leaderboards, and make sure the student-athletes are getting what is needed to be successful on and off the field.

ART

There are three levels in which students can progress through their high school art career. Tier I classes have no prerequisite. Tier II classes will have a prerequisite of one Tier I class (in some cases specific classes are listed). Tier III classes will have several prerequisites: one Tier I class and two Tier II classes. Exceptions will be made only with administrative and art teacher approval.

VISUAL ARTS & GRAPHIC DESIGN (Tier I)

Course #657

Year

1.0 credit

NOTE: This Class fulfills the Technology credits required for Graduation

This class is a great fit for students who want to explore the area of graphic design. It focuses on real-life application, infusing design elements and technology methods. Students will design logos, create websites, and develop a visual product portfolio which includes a digital resume that can be applied to any career path. There is a balance of independent and group work, as well as use of both traditional and digital art materials. The content of this course is infused with basic marketing concepts.

SURVEY OF ART HISTORY AND CULTURE BCE- 18th Century (Tier I)

Course #835

Semester

.50 credit

Students in this course will focus on how art impacts society and culture, and vice versa. It is a good fit for both students who do not particularly like creating art as well as those who might want to pursue a creative career post high school. Students will have the option to decide if their credits are applied as art credits or history credits. Students will have voice and choice in hands on projects, or demonstrations of understanding through written or presentation modes for the topics learned.

SURVEY OF ART HISTORY AND CULTURE BCE- 19th Century - Present (Tier I)**Course #836 Semester .50 credit**

Students in this course will focus on how art impacts society and culture, and vice versa. It is a good fit for both students who do not particularly like creating art as well as those who might want to pursue a creative career post high school. Students will have the option to decide if their credits are applied as art credits or history credits. Students will have voice and choice in hands on projects, or demonstrations of understanding through written or presentation modes for the topics learned.

2D DESIGN (Tier II)**Course #821 Semester .50 credit****Prerequisite: One Tier I Art Class**

Focusing on drawing, painting, collage, and printmaking, this class is the answer for students who prefer to work two-dimensionally. In addition to honing their drawing skills, students will also focus on creating good compositions. For those students preparing for college, they will have the opportunity to complete 3-4 finished portfolio pieces in this class. The course is based on the textbook and work of Betty Edwards' "Drawing on the Right Side of the Brain". It makes an interesting connection between the action and science of creativity. A perfect course to grow/enhance creative thinking.

3D DESIGN (Sculpture Building) (Tier II)**Course #823 Semester .50 credit****Prerequisite: One Tier I Art Class**

All projects will be **sculptural** and focus on the use of spatial and visual balance. Materials that could be explored are: plaster (additive and subtractive techniques), metal, wood, paper, cardboard, soap blocks, and found objects. This is a great class for students who enjoy working with their hands.

ADVANCED ART (Tier III)**Course #822 Semester - Double Period 1.0 credit****Prerequisite: One Tier I Art class and two Tier II Art classes**

Advanced Art provides students with the opportunity to personalize their learning. The class is a double period to allow for more involved project materials, processes, and collaboration. Students will learn how to curate a show and will have the opportunity to showcase their work. It is highly encouraged for students to work with mentors in the field of their study and the teacher will help facilitate these networking opportunities and connections. Students will need a strong background in both 2D and 3D art production.

SENIOR ART STUDIO (Tier IV)**Course #827 Semester - Double Period 1.0 credit****Prerequisite: One Tier I Art class, two Tier II, and Advanced Art classes**

This course necessitates an intense commitment of time and effort to produce original artworks of exceptional quality. Students will choose the media with which they work knowing the expectation is that they work toward mastery of that medium. There will be a requirement to complete at least six finished and polished pieces of work as well as a focus to communicate and work with an outside artist or community member. The teacher will help facilitate this partnership and planning.

This course is intended for students who would like to build their personal portfolio for use post-high school. This course may only be taken in the Senior year and with a recommendation from the teacher.

BUSINESS EDUCATION AND TECHNOLOGY

Business

FINANCIAL LIFE PREPARATION (11th or 12th)

***This course will be a graduation requirement for the Class of 2027 and beyond**

Course #632 Semester .50 credit

Personal finance introduces students to the financial information needed to operate with financial success in life. It will help students design a financial plan for the future and understand the process behind mortgages, savings, checking, insurance, credit cards, personal taxes, investing, etc. This course is project-based. All assessments will be done based on the submission of projects related to the section being studied. This class is recommended for all students as a good life-learning course.

INTRODUCTION TO BUSINESS

Course #614 Semester .50 credit

The business world surrounds us every day! From shopping at the grocery store to viewing ads on television or seeing pop-ups on our smartphones, we encounter the effects of business decisions as they impact our lives! Even if you never run a Fortune 500 company, chances are that you will one day work in some form of business. In this course, students will gain some understanding and experience in the behind-the-scenes arena of business by doing practical projects. Units of study in this course include: Overview of Areas of Business, Management Structure and Function, Business Professionalism, Business Communications, Types of Business Ownership, Basics of Finance, and Marketing. Note that a portion of the Business Communication Unit will be devoted to developing students' public speaking skills which is an important component in the business industry.

INTRODUCTION TO BUSINESS II

Course #615 Semester .50 credit

Prerequisite: Introduction to Business

Introduction to Business II is a second level business course which builds upon the skills learned in Introduction to Business I. It is recommended that students who are serious about a career in a business field have completed Introduction to Business I with an 80% or above in order to be successful in Introduction to Business 2. Analysis and projects will be more advanced, and an integration of business knowledge and practical application will be expected. Participation in engaging class discussion is an absolute must. Topics of study include: Basics of a Business Plan, Human Resource Management, People Skills and Assertiveness Techniques, Ethics and Social Responsibility, Business Negotiations, and other topics of student choice including business case studies.

ACCOUNTING I (recommended for 10th through 12th)

Course #631 Semester .50 credit

Managing a business's finances accurately and in a timely manner is absolutely essential for running a successful business! Accounting I is an introductory course that covers the basics of accounting for sole proprietorships and partnerships. In this course, we will cover topics and complete practice tasks related to the Accounting Cycle, including completing and adjusting accurate journal entries, managing T accounts, understanding financial statements, preparing closing entries, managing entries and forms related to payroll and taxes for employees, and managing accounts related to inventory. This course is ideal for those students who are interested in careers related to the Business, Finance, and Information Technology Career pathways.

MARKETING (recommended for 10th through 12th) .

Course #625

Semester

.50 credit

***Introduction to Business is recommended but not required**

Marketing is all around you each and every day, and encompasses much more than just advertising! Several areas of marketing will be covered, including target market, consumer behavior, product planning & development, forms of promotion, and social media marketing. Assessments in this course are project based in order to highlight students' creative strengths as well as analytical skills. This course is perfect for anyone who is considering further study in a business career field as described in the Business, Finance, and Information Technology Career pathways.

LEADERSHIP (11th or 12th)

Course #629

Semester

.50 credit

In order to foster the development of leadership skills in young people, the Leadership 1 course is designed to provide students who are interested in pursuing various leadership roles with the tools and skills needed to lead others successfully. To begin the class, personality types and elements of team dynamics will be discussed in order to better understand those around you. Students take center stage as they involve themselves in presentations and practical projects that demonstrate the skills discussed in class. Demonstration of personal integrity and personal character development will be nurtured and encouraged. Qualities and behaviors that are most definitely expected of leadership class members include the following: good role model in and out of school setting, positive attitude, hardworking, tenderhearted to others, dependable, and have a strong desire to make a difference in their school and community. A necessary skill for leadership is the development of public speaking techniques. Leadership class members will present or perform demonstrations at various times throughout the course. *Good leaders inspire others to have faith in them, while great leaders inspire others to have confidence in themselves.*

BUSINESS LAW

Course #658

Semester

.50 credit

Business Law is a one-semester course which will provide students with an understanding of the basics of our legal system as well as legal issues that relate to young adults and business. Topics to be covered include the following: ethics and law, the court system, criminal law, civil/tort law, contract law, and employment law.

ENTREPRENEURSHIP

Course #623

Semester

.50 credit

Entrepreneurship is for the individual who has an interest in running their own business. Although there is no pre-requisite to this class, it is recommended that a student takes Introduction to Business prior to this course. Entrepreneurship will focus on introductory skills and concepts that are helpful in running a successful business while also encouraging further higher education business courses. Throughout the semester, students will create a detailed modified business plan as we progress throughout each unit. At the end of the semester, students will give a professional presentation to business leaders from our community. Entrepreneurship could apply to several Career Pathways:

- Business and Technical Pathway (see Entry Level, Technical Level, and Professional Levels)
- Arts Pathways (examples: Independent Photographer, Interior Designer, Freelance Graphic Artist, Professional Musician, Music Business, Performing Arts Director...)
- Human Services Pathway (examples: Independent Professional Counselor, Social Worker or Therapist)

Students who have an interest in Agricultural-based businesses should take the Ag Business Management course (if offered).

Technology

Graduation Technology Requirement

The following courses meet the 0.5 credit technology requirement for graduation. These courses vary in nature, but provide students with an opportunity to apply technology in the classroom setting. These courses provide choices for students to pursue a technology course that not only meets the HAHS requirement but also can serve students in their future. Please read the course description so that students understand course expectations as the courses vary in the skills developed and the strategies, applications, platforms, and devices used.

VISUAL ARTS & GRAPHIC DESIGN

Course #657

Year

1.0 credit

This class is a great fit for students who have an interest in, or want to explore the area of graphic design. It focuses on real-life application infusing design elements and technology methods. Students will design logos, create websites, and develop a visual product portfolio, which includes a digital resume that can be applied to any career path. There is a balance of independent and group work, as well as use of both traditional and digital art materials. The content of this course is infused with basic marketing concepts.

INTRODUCTION TO CODING

Course#616

Semester

.50 credit

Coding's simplest definition is that it tells a device what the user wants it to do. Coding improves problem solving, and coders take complex problems and break them down into smaller parts. Students will understand what it's like to approach a problem the way a software engineer does, with logical, computational thinking. This logical thinking is a powerful tool in school, work, and life. Students will gain foundational coding concepts, such as loops, variables, conditional statements, and functions. Students will practice and apply their skills in a variety of ways, primarily using Python language through Carnegie Mellon University and their web-based computer science academy. Exploring programming with Python will revolve around graphics-based problem solving and has similar visually-engaging notes, checkpoints, exercises, and projects for students to complete. See the following video for additional information regarding coding and computer science: <https://www.youtube.com/watch?v=nKlu9yen5nc>

MICROCOMPUTER APPLICATIONS

Penn Highlands

3.00 College credits

Course #613

Semester

.5 credit

1.4 GPA weight

In the world beyond high school, documents are necessary for various forms of communication, whether it be in business, higher education, or simply performing useful tasks at home or work. This course will teach students valuable skills using Microcomputer applications (Word, Excel, PowerPoint, Publisher). Projects will center around documents used for word processing, spreadsheets, presentations, and desktop publishing. As a dual enrollment course, this section of Microsoft Applications will contain chapters and portions of chapters that are not covered under the regular enrollment Microsoft Applications course. Course expectations, application of skills, and assessment projects will have a greater level of difficulty in the advanced sections.

***Fulfills PHCC CIT 100**

MICROSOFT APPLICATIONS

Course #663

Semester

.50 credit

In the world beyond high school, documents are necessary for various forms of communication, whether it be in business, higher education, or simply performing useful tasks for the home or work. This course will teach learners valuable skills using Microsoft applications (Word, Excel, PowerPoint, Publisher). Projects will center around documents used for word processing, spreadsheets, presentations, and desktop publishing utilizing practical documents in an independent setting.

ADVANCED MEDIA AND COMMUNICATIONS (Tier II)

Course #833

Semester

.50 credit

Course #832

Year

1.0 credit

Prerequisite: Visual Arts and Graphic Design and Teacher Recommendation

This is an advanced version of the Tier 1 Visual Arts and Graphic Design class. This class will be an in-depth study of design principles with a focus on a combination of digital and traditional art processes. Students will explore programs for digital media and digital photography basics. Participants will work with teachers, other students, and student organizations to complete projects for marketing and design.

YEARBOOK (Tier II)

| | | |
|--------------------|-----------------|-------------------|
| Course#664 | Semester | .50 credit |
| Course #665 | Year | 1.0 credit |

Prerequisite: Any technology course and Teacher Recommendation.

In this course students will gain skills in one or more of the following areas: page design, advanced publishing techniques, copy writing, editing and photography, while producing a creative, innovative yearbook which records school memories and events. Please note: this course is not the same as Yearbook Club.

COMMUNITY BASED MARKETING (Tier III)

| | | |
|--------------------|-----------------|-------------------|
| Course #825 | Semester | .50 credit |
| Course #826 | Year | 1.0 credit |

Prerequisite: VAGD and Advanced Media & Communication classes

Participants will work with community members, businesses, and organizations to complete projects for marketing and design. There will be an emphasis placed on effective and thorough oral and written communications techniques with clear messages. This course will require a solid foundation in a variety of media techniques and a willingness to independently explore and master new techniques as needed.

SENIOR DIGITAL STUDIO (Tier IV)

| | | |
|--------------------|---------------------------------|-------------------|
| Course #827 | Semester - Double Period | 1.0 credit |
|--------------------|---------------------------------|-------------------|

Prerequisite: One Tier I Technology class, one Tier II, and Community based Marketing

This course necessitates an intense commitment of time and effort to produce original artworks of exceptional quality. Students will use technology with the expectation that they work toward mastery of that medium. There will be a requirement to complete at least six finished and polished pieces of work as well as a focus to communicate and work with an outside artist or community member. The teacher will help facilitate this partnership and planning. This course is intended for students who would like to build their personal portfolio for use post high school. This course may only be taken in the Senior year and with recommendation from the teacher.

STEM

STEM

| | | |
|-------------------|-----------------|-------------------|
| Course#618 | Semester | .50 credit |
|-------------------|-----------------|-------------------|

STEM is an approach to learning that incorporates different disciplines, focusing on science, technology, engineering, and mathematics. In this project-based learning course, students will work through the engineering design process when posed with problems and design challenges. Throughout the course, there will be a focus on the 4 C's which are: critical thinking, creativity, collaboration, and communication. Students will be asked to come up with technical drawings prior to working with various hand tools and power tools to assess whether their plan addresses the design challenge and/or problem. In addition, there will be a computer science unit, focusing on coding and robotics. This is an interactive, project based course where students will be tasked to work together to build and/or create exciting prototypes, models, and/or programs.

COMPUTER SCIENCE 1: APP DEVELOPMENT

| | | |
|-------------------|-----------------|-------------------|
| Course#617 | Semester | .50 credit |
|-------------------|-----------------|-------------------|

Prerequisite: At least a "B" average in Intro to Coding or Teacher Recommendation.

When you learn code, you're not only learning the language of technology, but you're also learning new ways to think and bring ideas to life. Students will learn key computing concepts, building a solid foundation in programming with Swift in conjunction with the use and framework of Apple's Xcode. They'll learn about the impact of computing and apps on society, economies, and cultures while exploring iOS app development. Lessons take students through the app design process: brainstorming, planning, prototyping, and evaluating an app design of their own.

ENGINEERING NCAA

Course#757

Year

1.0 credit

Engineering is a combination consisting of an introductory circuit analysis course, simple machines, computer-aided design, and an application of various physics concepts through project-based learning. The first segment of the class will be an introduction to the course and tool safety. Following tool safety, we will move into simple machines and will apply their impact and mechanical advantage. From there we will be focusing on physics concepts pertaining to kinetic and potential energy, in addition to trajectory and projectiles along with applicable forces. The third unit will be an introduction to DC and AC circuit theory and analysis. The theory includes electrical measurement systems, Ohm's Law, Kirchoff's Laws, circuit theorems, and component characteristics. Laboratory work provides experience with electrical components, schematics, electrical tools, and basic electrical and electronic instrumentation. The final segment of the course will involve learning the basic understanding of manipulating geometry entities and design options to create 2-D and 3-D models. Students will use Adobe software to print files using a 30-watt laser engraver. In addition, students will be using CAD software to develop files to create 3D pieces to be made from a CNC machine.

Note: This class will count toward the graduation requirements for a science credit (3.0 credits total).

MUSIC

MUSIC APPRECIATION

Course #813

Semester

.50 credit

The semester will be split into three parts and will feature an introduction to each of the following: general music background/history, popular music genre study, and musical theater. Students will experience a well-rounded sampling of music through its history, performance practices, and the appreciation of its cultural and artistic significance.

UKULELE 1

Course #811

Semester

.50 credit

This course is designed for students who have wanted to play the ukulele and aren't sure where to start, or for anyone who never thought they could play an instrument. We will start with a beginner approach to the instrument, emphasizing proper technique for chords and various strumming patterns, as well as reading chord tabs and notes. Music selections are chosen from popular songs from the last several decades. Ukuleles are provided or you may bring your own!

UKULELE 2

Course #812

Semester

.50 credit

Prerequisite: Ukulele 1

Ukulele 2 is geared towards students who have completed Ukulele 1 and would like to go beyond the basic chords and strumming patterns learned in that course. Emphasis will be on more difficult chords, fingerpicking, and improvisation. Ukuleles are provided or you may bring your own!

MUSIC THEORY I

Course #814

Semester

.50 credit

Music Theory I introduces students to the rudiments of music notation, interval recognition, scale studies/tonality, triads, basic melodic and harmonic composition. The skills acquired as a result of this course will form a foundation for applied music students who wish to expand their understanding of music structure and composition. Supplemental activities include studies in music history, aural skill training, critical listening and individual/group performing. Any vocal or instrumental learner may elect this course.

MUSIC THEORY II

Course #815

Semester

.50 credit

Prerequisite: At least a “B” average in Music Theory I

Music Theory II is a logical continuation of Music Theory I, with a great emphasis on ear training (rhythmic, melodic, harmonic), composing (4-part voice leading and arranging) and harmonic analysis within the context of each period of music history, beginning in the Ancient Period and progressing chronologically through the through the Baroque Period . This is a college-level course designed for the advanced high school musician who has a strong background in vocal and/or instrumental music, as well as a prior experience with the basic rudiments of music theory. A student should have attained at least a “B” average in Music Theory I in order to be prepared for the rigors of this class. It is highly recommended that students who wish to pursue a career in music or any related field take this course.

VOICE CLASS I

Course #816

Semester

.50 credit

Voice class is designed to offer students individual coaching in a small group setting. Class size will not exceed 10 pupils. Singers who wish to develop proper vocal technique will be presented with many various vocal exercises, a wide assortment of selected solo and choral repertoire, including some foreign language pieces (Italian & German), and will receive instruction in ear training and solfeggio (Do, re, mi...). Vocal artistry, understanding of varying musical styles and performance etiquette are emphasized. A public recital is sometimes presented at the end of the school year so that students may demonstrate their vocal development.

VOICE CLASS II

Course #817

Semester

.50 credit

Prerequisite: At least a “B” in Voice I or be an advanced choral singer

An advanced version of Voice I, Voice II class is designed to provide individual vocal coaching to students in a small group setting. The class size will not exceed 10. A prerequisite for this course is having earned at least a “B” in Voice I or to be an advanced choral singer. Students will develop their aural and sight-reading skills through solfège singing (Do, re, mi. . .) and their solo vocal skills through dramatic readings and by studying a wide assortment of challenging solo repertoire. The course traditionally culminates in a public vocal recital that is planned and performed by the students at the end of the semester.

GUITAR I

Course #818

Semester

.50 credit

This class is designed to offer beginning guitar players the basic rudiments of first position chords, simple melodic note reading, varied strumming patterns, and beginning classical fingerpicking patterns. Music literature for the course consists of folk and popular songs (i.e. Peter, Paul & Mary, the Beatles, John Denver). Although 14 guitars are usually available, students are encouraged to have their own instrument. Having prior playing experience is not necessary for this course.

GUITAR II

Course #819

Semester

.50 credit

Prerequisite: Guitar I

Guitar II is a logical continuation of Guitar I in developing intermediate guitar skills. Because the literature for this course consists of folk and popular tunes at a more challenging level, players must achieve at least a “B” average in Guitar I in order to successfully attempt the skills in Guitar II or pass a guitar proficiency test. In addition to studying more advanced chording, strumming and fingerpicking techniques, students will be introduced to various barre chord forms. Although 14 guitars are usually available, students are encouraged to supply their own guitars.

CHAMBER SINGERS

Course #850

Year, Every Other Day

.50 credit

A mixed choral ensemble, Chamber Singers provides the serious high school singer in grades 9-12 with the opportunity to sing more challenging choral literature. Strong musicianship and well-developed vocal/choral skills are required. Much of the repertoire for this ensemble is *a cappella*, and various public performances are given throughout the year. Chamber Singers join Choralairs for at least 2-4 public performances yearly. Attendance is mandatory.

CHORALAIRS

Course #851

Year, Every Other Day

.50 credit

This non-auditioned chorus is comprised of students in grades 9 through 12. Students are presented with a variety of music styles and will be encouraged to further develop their individual vocal technique, music-reading skills, and choral singing skills. Choral repertoire for this ensemble is moderate in difficulty with strong emphasis given to musical enjoyment. Choralairs join Chamber Singers for at least 2-4 public performances given each year. Attendance is mandatory.

CONCERT BAND

Course #852

Year, Every Other Day

.50 credit

This course is open as an elective to any high school learner. Past experience in the elementary and/or middle school bands is a plus - but not necessarily required. Concert band is a totally separate organization from the marching band (which is an extracurricular activity held outside of school time). Students expand their playing ability, and learn greater musicality through participation in both the large group and selected small ensembles. County band, District Band, Regional Band, and All-State Band participants are chosen initially from this group. Since performance is emphasized, students must be aware that there are four required performances for this course throughout the school year.

PIANO I

Course #854

Semester

.50 credit

Piano class is geared towards students with a desire to learn how to play the piano. Through this course, students will learn basic piano skills and how to read music well. Music literature for the course consists of popular and widely recognized melodies. This course is an elective for students and will fulfill the music requirement for graduation. Having prior playing experience is not necessary for this course and it is NOT for students currently taking piano lessons privately.

PIANO II

Course #855

Semester

.50 credit

Prerequisite: "B" average or better in Piano I

Piano Class II is open to any learner in grades 9 - 12 who has earned at least a "B" average in Piano I and who would like to develop intermediate skills on the piano/keyboard (chords, melodic reading/playing). Music literature for the course consists of popular and widely recognizable melodies. Students who successfully complete this course will be equipped to study with a private instructor for advanced skills & training on piano.

INTRO TO MUSICAL THEATER

Course #856

Semester

.50 credit

Students will explore the evolution of musical theater, from its early roots to contemporary productions, examining landmark works, influential composers, and iconic performers. Through hands-on activities, students will learn the fundamentals of acting, singing, and movement, developing the skills necessary for an ensemble or solo performance.

INTRO TO MUSIC HISTORY

Course #857

Semester

.50 credit

This course will be a comprehensive introduction to music history, from the origins of written music to the present day. Students will relate the impact of historical events on the development of music and vice versa.

FAMILY AND CONSUMER SCIENCES

INDEPENDENT LIVING

Course #110

Semester

.50 credit

An exploratory course includes studies in life management, career exploration, foods and nutrition, consumer economics, life and family management, and cooking lab experiences.

FOOD AND NUTRITION I (11th & 12th grade)**Course #727****Semester****.50 credit**

This course focuses on basic concepts of food preparation, use and care of equipment and appliances, food buying, and nutrition. Students will learn to understand and apply the principles of food and nutrition and their relationship to health and well-being. Students participate in classroom food labs in which they will gain practical experience in planning and preparing convenient and nutritious meals for various lifestyles. Students prepare and evaluate food choices in relation to culture, health, weight and physical fitness of personal needs and/or future occupational objectives.

EARLY CHILDHOOD EDUCATION (11th and 12th grade)**Penn Highlands****3.00 college credits****1.0 credit high school credits****Course #726****Year****1.4 GPA Weight**

This course focuses on child development throughout the life cycle from conception to adolescence with an emphasis on the infant/preschool child through middle childhood. This course studies the physical, cognitive, and personality-social aspects of development, both through normal and atypical circumstances. Small group projects, investigation, and discussion of issues related to scientific principles of development are examined. A supervised experience observing children may also supplement class work. Areas of interest include studying educational theorists and their philosophies, developing teaching strategies, creating thematic lessons and curriculum with local child care programs, observing children in early childhood educational settings, and career exploration. The course is designed for students interested in a career in Early Childhood Education, Elementary Education, Child Psychology, as well as for those interested in employment in this field after graduation.

***Fulfills PHCC ECE 110**

HUNTINGDON COUNTY
CAREER AND TECHNOLOGY CENTER (HCCTC)

Heating Ventilation Air Conditioning & Refrigeration**Course #779****Year****3.00 credits**

HVAC-R is an instructional program that prepares students to apply technical knowledge and skills to install, repair and maintain commercial and domestic heating, air conditioning and refrigeration systems. The course contains teaching on basic principles of HVAC-R including: Filtering and controlling humidity, operating characteristics of various units & parts, blueprint reading, diagnosing malfunctions, repair and adjustments of pumps, compressors, valves, etc.

Cosmetology**Course #775****Year****3.00 credits**

Cosmetology is a program that prepares individuals to apply technical knowledge and skills related to experiences in a variety of beauty treatments including the care and beautification of the hair, complexion and hands. Instruction includes shampooing services, scalp treatments, hair cutting and styling, coloring, facials, manicuring, hand and arm massaging and waxing.

Electrical Occupations**Course #783****Year****3.00 credits**

This instructional program prepares individuals to apply technical knowledge and skills necessary to install, operate, maintain and repair electrically energized residential, commercial and industrial systems, controls and electrical distribution panels. Instruction emphasizes: application of mathematics, practical use of science, interpreting circuit diagrams, blueprint reading and sketching.

Culinary Arts**Course #777****Year****3.00 credits**

The Culinary Arts program prepares students for employment related to institutional, commercial or self-owned food establishments or food industry occupations. Instruction and learning includes: nutritional values, principles of cooking, food quantities and presentation, the use and care of commercial equipment as well as safety and sanitation precautions.

Automotive Mechanics

Course #771 **Year** **3.00 credits**

The Automotive Mechanics program prepares individuals to apply technical knowledge and skills to service, repair and maintain all types of automobiles and light trucks. This program provides instruction in: all eight areas of Automotive Service Excellence (ASE) categories: heating & air conditioning, steering & suspension, brakes, electrical /electrical systems, engine repair, automatic trans/transaxle, manual drive trains & axles and engine performance.

Sports Exercise and Rehabilitation Therapy (SERT)

Course #807 **Year** **3.00 credits**

SERT is a program that prepares students to apply technical knowledge and skills in the medical field. The class helps prepare students to pursue degrees in Physical Therapy, Athletic Training and many other 2 & 4 year degree programs, as well as working directly in the medical field as an assistant. Areas of instruction include: Proper safety & health practices, prevention, evaluation & rehabilitation of injuries, identifying types of medical equipment, treatment measures for different kinds of injuries, taping & bracing techniques and proper documentation of rehabilitation.

Welding

Course #801 **Year** **3.00 credits**

The Welding program prepares individuals to apply technical knowledge and skills in gas, arc, shielded & non shielded metal arc, brazing and flame cutting. Hand, semi-automatic and automatic welding processes are also included in the instruction. Students learn safety practices, types & uses of electrodes & welding rods, properties of metal, blueprint reading, electrical principles, welding symbols, fabrication techniques and the use of various hand and power tools.

Collision Repair

Course #773 **Year** **3.00 credits**

Collision Repair prepares students to apply technical knowledge and skills to repair damaged vehicles. Students will use various hand & power tools as well as specialized repair equipment. Areas of instruction include: examining vehicles and estimating repair cost, repairing dented areas, window & glass replacement, straightening bent frames and uni-body structures and automobile refinishing processes.

Health Occupations

Course #791 **Year** **3.00 credits**

This is a program with a combination of subject matter and experiences designed to prepare individuals for entry level employment in several health occupations fields under the supervision of a licensed health care professional. Instruction consists of core course content with clinical experiences in one or two health related occupations. The core curriculum includes: basic anatomy and physiology, medical terminology, legal and ethical concepts of healthcare, clinical experiences in one or two healthcare professions

Construction Trades

Course #781 **Year** **3.00 credits**

Construction trades is an instructional program that exposes students to a variety of construction skills that will prepare them for entry level positions in many facets of the construction industry. Instructional areas include: the use of various hand and power tools, rough & finish carpentry, painting & decorating, masonry, plumbing, electrical, and blueprint reading.

Public Health and Safety (PHS)

Course #805 **Year** **3.00 credits**

PHS is an all-encompassing look at public safety careers. The program covers Fire, EMS, Law Enforcement, Homeland Security, Corrections and Private security. The program does not concentrate on any one aspect but exposes students to hundreds of careers within the realm of public safety. Through a combination of classroom and hands on training, the students learn about topics **not** limited to: fire suppression, emergency medical care & treatment, handling of suspects & prisoners, scene investigation & evidence collecting, incident command, hazardous materials, 911 center operations, retail security, active shooter and basic self-defense tactics.

NOTE

- 1. All programs at the Huntington County Career and Technology Center provide students the opportunity to acquire some type of Industry certification, certificate, industry credential, or license.**
- 2. All HCCTC programs have articulation agreements with colleges. Students completing their program at the proficient level and passing the end of program testing can earn college credits.**



BEARCAT INSTITUTE OF LEARNING & DEVELOPMENT (BILD)

Program Overview

The Bearcat Institute of Learning and Development (BILD) is Huntingdon Area School District's online learning program. Students may participate as full time or part time students, taking one class online or a full schedule of online classes. Students in online classes remain part of the Huntingdon Area School District and fulfill all credit requirements for graduation to earn a Huntingdon Area School District diploma and the right to walk at graduation with their senior class. In addition, BILD students have access to our full range of extracurricular activities including sport, drama, music, etc. BILD students have access to additional resources including guidance services, student assistance programs, and on-site support with BILD teachers. Our flexible models of full time online and hybrid online students make it a great choice for flexibility and student experience.

Curriculum and Teachers

The BILD program has certified full time online teachers employed by HASD who will be providing online instruction and coursework for all core classes (English, Math, Social Studies, Science, and Special Education). The district will also provide certified teachers within the brick and mortar building to support online instruction in the areas of electives. If the BILD program cannot provide a certified teacher through the Huntingdon Area School District, they will seek certified teachers through our vendor partners: the World of Learning Institute (languages), AccelerateEd, or Edynamic.

Learning Models & Options

Part Time BILD Student (1-3 online classes):

Students can choose to take one online course for a myriad of reasons. Some students will find that there is a course that they really want to take, but it just doesn't fit their schedule due to when classes are offered. They can opt to take that course online as part of our BILD program. Other students could be trying to get ahead in a subject matter that they really enjoy. And yet, others could be taking a course for credit recovery because they neglected to earn credit the first time they took a course. Students will be assigned a study hall during the school day to work on this course, if needed.

Full Time BILD Online Student (4 or more online classes):

These students have the most flexibility in their daily schedules. Students can enjoy the benefits of taking college courses, employment at a local business, or the flexibility in their schedule that allows them to attend the HCCTC. Students will have the support of a BILD Learning Coach to guide them and monitor their progress. Fully online students need to be dedicated to completing their coursework and also be independent enough that they will ask for help when it is needed.

2025-2026 Scheduling Process

- Students interested in the BILD program (one class or more) should review the BILD HS Course Catalog, found at the end of this Course Selection Guide, and use the appropriate BILD course codes when making their selections on the Course Selection Sheet.
- Please note that the student and a parent/guardian must attend a future BILD Enrollment session to complete the BILD registration process prior to the start of the 2025-26 school year (part time or full time). Enrollment sessions will occur in July 2025 and August 2025. All district families will be notified of these dates via email, phone calls, district website announcements, and Facebook posts. If a student does not attend the enrollment session, then they will be placed in all in-person classes.
- Upon attending a BILD enrollment session and completing the registration process, students will complete a required orientation course. Upon successful completion, they will be placed in online classes.

NOTE: Students wishing to transition to full time BILD (4 online classes) for the 25-26 school year can do so at the beginning of the year and at the turn of each marking period. Other changes during the school year will require a doctor's note indicating the change to online learning is needed. Part time BILD students (1-3 online classes) can only make schedule/class changes at the start of the school year and in January, at the start of the second semester.

Bearcat Institute of Learning & Development (BILD)

HS Course Catalog

2025-2026

ART

Course Title: Basic Drawing
Course Code: OL0820
(Fall)

Credit: .5
Length: Semester

In Basic Drawing, students will experiment with several different art materials and tools to see what each tool can do best. Students will explore ordinary things around them to become more observant of the structures and meanings of things which can be seen in their home and community. Student work will be their own study of the forms, textures, movements, and patterns of the things that are seen every day.

NOTE: This course is provided with a vendor and uses a different learning platform.

MUSIC

Course Title: Music Appreciation
Course Code: OL0813

Credit: .5
Length: Semester (Fall)

Students will gain a thorough understanding of music by studying the elements of music, musical instruments, and music history, as well as music advocacy. Students will be introduced to the orchestra and composers from around the world. They will be required to be a composer, performer, instrument inventor, and advocate.

Course Title: Beginning Piano
Course Code: OL0854

Credit: .5
Length: Semester (Spring)

This course introduces students to the piano. Students will learn about basic music theory, they will learn about the parts of the piano and the placement of notes on the keyboard, and they will learn and perform a varied repertoire of music on a piano. Students must have regular access to a piano or keyboard in order to take this course. A keyboard can be offered to the student via HASD to borrow for the class.

Course Title: Theater Studies
Course Code: OL0856

Credit: .5
Length: Semester (Fall & Spring)

Have you ever wondered how a play goes from the playwright's mind all the way into a multi-million-dollar Broadway production? In this course, students learn the whole process. This course provides a thorough introduction to the theater by providing an overview of major topics in theater studies, with a blend of theoretical and practical lessons. The course covers definitions of theater, theater history, contemporary theatrical genres, elements of technical theater, the rehearsal process, and audience response. Whether the student is an aspiring actor, technician, director, producer, or even just an avid theatergoer, this course will be of interest.

HEALTH AND PHYSICAL EDUCATION CLASSES

Course Title: Physical Education 1 & 2

Credit: .5

Course Code: PE1 (OL0921) and PE2 (OL0922)

Length: Semester (Fall)

Students will need to fulfill PE requirements, communicate promptly, and be able to problem-solve when issues arise. Students will further apply this knowledge through participation, study, and involvement in a wide variety of experiences that will benefit future healthy lifestyles. This will be accomplished through 70 fitness hours, a submission of 5 per week.

Course Title: Health 1 & 2

Credit: .5

Course Code: Health I (OL0923) and Health II (OL0924)

Length: Semester(Spring)

Students will need to communicate promptly and be able to problem-solve when issues arise. Students will further apply this knowledge through participation, study, and involvement in a wide variety of experiences that will benefit future healthy lifestyles. Each week students will be introduced to content knowledge of diseases, nutrition, physical fitness, mental health, body systems, safety, first aid, and personal health. The grade will be based on individual assessment, implementation, communication, and ability to follow directions.

ENGLISH

Course Title: CP English 9

Credit: 1.0

Course Code: OL0111

Length: Year

Thinking, listening, reading, speaking and writing skills are developed both through literature and real-life contexts. In addition, critical thinking skills and a sound foundation in grammar are emphasized. The regular study of vocabulary is incorporated into the program as well. These topics and approaches are adapted to all learning levels and will prepare students for the Keystone Exam, subsequent high school English courses, entering the work world, and/or furthering their education in college or other similar post-secondary programs.

Course Title: CP English 10

Credit: 1.0

Course Code: OL0112

Length: Year

Storytelling is an artform and as you will see in this course, it is an artform that ranges from the simple to complex, the ugly and the beautiful, the romantic to the horrific, and everything in between. In this course, the main character is YOU. You will learn about the storytelling craft via the lens of the many characters you will meet and gradually develop an understanding of your own character. This course will prepare you to be successful in the Keystone exam at the conclusion of the course.

Course Title: CP English 11

Credit: 1.0

Course Code: OL0113

Length: Year

This course emphasizes the improvement of communication skills, both written and oral, as Students make a chronological journey through American literature. Types of literature that will be studied include nonfiction, poetry, drama, short stories, and novels. Direct instruction of grammar is correlated to writing assignments. Vocabulary development is continued through SAT preparation word lists. Research components will also be covered. These topics and approaches prepare Students for college, university, or other similar post-secondary programs as well as offer remediation opportunities for Keystone Exam proficiency.

Course Title: CP English 12

Credit: 1.0

Course Code: OL0114

Length: Year

Speaking, reading, and writing - the basics and essentials of human communication. Today, these skills are a way of life, something you do each and every day, probably without even thinking about it. *But how did we get here? How did our language become what it is today? How have our reasons for speaking, writing, and reading changed?* In this course we will travel through literature and uncover how our abilities to speak, write, and read today have been influenced and shaped by the literature of our past. Let the journey begin!

Course Title: Creative Writing

Credit: .5

Course Code: OL0154

Length: Semester (Fall)

In this course students consider the importance of word play exercises in improving their facility with language while building a compelling and creative writing style. Focusing on word nuances and precision, later lessons guide students to write in a variety of short modes—including poetry, song lyrics, prose poetry, short short stories, and creative nonfiction. There are several opportunities for peer review in this semester, during which students learn best practices for participating in writing workshops, and then revise their work using feedback from their peers.

Course Title: Technical English for Seniors

Credit: 1.0

Course Code: OL0100

Length: Year

Technical English for Seniors is a course designed to help seniors develop the technical English skills needed for effective communication in the modern world. Students will learn how to write clear, professional resumes, craft compelling cover letters, and communicate confidently in workplace settings. The course will also focus on understanding and analyzing media sources and improving digital literacy. Through practical exercises and expert guidance, participants will build confidence in writing for careers and staying informed in today's fast-paced digital environment.

MATH

Course Title: Consumer Math

Credit: 1.0

Course Code: OL0405

Length: Year

This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.

Course Title: Algebra I A

Credit: 1.0

Course Code: OL0407

Length: Year

Just like planning a road trip, algebra is all about preparation, problem-solving, and finding creative solutions to unexpected challenges. Both require a strong foundation and understanding of basic concepts before setting off on the journey. During a road trip, you need to read maps, calculate distances and speeds, and estimate arrival times. In algebra, you need to understand formulas, equations, and functions, and use them to solve problems. In a road trip, unexpected obstacles can occur, such as traffic or detours. Similarly, in algebra, you may encounter a challenging problem that requires you to think outside the box and find an alternative solution. Just as you can't anticipate every obstacle on a road trip, you won't always be able to solve every algebra problem on the first try. But, like a savvy road tripper, you can take a step back, reassess the situation, and find a new route to success. Remember, algebra may have its bumps and detours, but with perseverance, creativity, and determination, you can reach your destination and succeed in mastering the subject! Once completed, students should enroll in Algebra 1B.

Course Title: Algebra I B

Credit: 1.0

Course Code: OL0408

Length: Year

In less than one year, you will step into the ring with legendary world champion, Keith Stone. You know that your battle will be the ultimate test of your math skills, knowledge, and resiliency. We have a lot to learn and a long way to go, but we are determined to give it our all as we learn about relations and functions, slope and intercepts, equations and graphs of lines, functions, patterns, rates of change, data graphs and plots, probability, scatterplots, and higher-level data questioning. Over the next nine months, we will train hard, perfect our techniques, and strategize to come out victorious. By the end of this course, we will have honed the skills necessary to become Algebra champions! This course is designed for tenth-grade students based on teacher recommendation.

Course Title: Algebra II

Credit: 1.0

Course Code: OL0419

Length: Year

This course further explores fundamental concepts of Algebra. The learner will be provided with abundant practice. Key topics include linear equations and inequalities, and quadratic, polynomial, exponential, logarithmic, radical, and rational functions. Students will learn to model real-world situations. The intention is to introduce students to these concepts in a comprehensible and coherent way, rather than insisting on mathematical rigor.

Course Title: CP Algebra I
Course Code: OL0411

Credit: 1.0
Length: Year

This course explores advanced concepts in Algebra that will prepare the learner for college. Special emphasis is placed on linear functions, which will include representations of many forms: verbal descriptions, equations, tables, and graphs. Other topics include probability and data analysis, as well as some geometry concepts. This course will help prepare students for college-level courses by giving an in-depth look at Algebraic concepts.

Course Title: CP Algebra II
Course Code: OL0420

Credit: 1.0
Length: Year

This course further explores advanced concepts of Algebra that will prepare the learner for college. Topics are organized around families of functions; including linear, quadratic, exponential, logarithmic, radical, and rational functions. Students will learn to model real-world situations using functions in order to solve problems arising from these situations. Additional topics may include probability and data analysis, geometry, and trigonometry. This course will help prepare students for college-level courses by giving an in-depth look at Algebra concepts

Course Title: Geometry
Course Code: OL0413

Credits: 1.0
Length: Year

This course explores fundamental concepts of Geometry. The learner will be provided with abundant practice. This course will focus on properties of lines, angles, polygons, and circles. Students will also examine perimeter, area, surface area, and volume of various figures. Concepts explored will have real-world applications. Other topics included probability and data analysis, as well as some basic algebra concepts. The intention is to introduce Students to these concepts in a comprehensible and coherent way, rather than insisting on mathematical rigor.

Course Title: CP Geometry
Course Code: OL0421

Credit: 1.0
Length: Year

This course explores advanced concepts of Geometry that will prepare the learner for college. Students will develop reasoning and problem solving skills as they study topics such as congruence and similarity; and apply properties of lines, triangles, quadrilaterals, and circles. Students will also apply length, perimeter, area, circumference, surface area, and volume to real-world situations. Other topics include probability and data analysis, as well as some algebra concepts. This course will help prepare Students for college level courses by giving an in-depth look at Geometry concepts.

Course Title: CP Precalculus & Trigonometry
Course Code: OL0452

Credit: 1.0
Length: Year

This course will build on the algebra and geometry Students have previously studied. Precalculus will be examined in a unified way that will help students prepare for everyday life and future courses in mathematics. Spreadsheets, graphing, and various forms of technology are employed to enable students to explore and investigate advanced functions and data. This course will help prepare students for college level courses or Calculus concepts.

SCIENCE

Course Title: CP Biology
Course Code: OL0510

Credit: 1.0
Length: Year

Just like forensic investigators, biology students need to be meticulous and detail-oriented. They need to have a good understanding of the scientific method and the ability to think critically. They need to be able to analyze and interpret data, draw conclusions, and communicate their findings effectively. In biology class, you will be studying the intricacies of life, from the smallest cell to the most complex ecosystems. You will learn about genetics, evolution, and ecology, and how they all fit together to create the world we live in. Just like a forensic investigator, you will need to use your knowledge and skills to solve complex problems. You will need to analyze data, identify patterns, and draw conclusions based on evidence. You will need to be able to think outside the box and come up with creative solutions. But most importantly, just like a forensic investigator, you will need to have a passion for solving mysteries. You will need to be curious, persistent, and willing to go the extra mile to find the answers you are looking for. With the right attitude and approach, you can become a master of biology and unlock the secrets of life itself! *Biology should be preceded or accompanied by an Algebra I course.*

Course Title: CP General Science
Course Code: OL0524

Credit: 1.0
Length: Year

This course is divided into two sections. In section 1 the focus will be on Earth and Space and include studies of the Universe and stars, Earth and the solar system, Earth's history, systems of the Earth, plate tectonics, the role of water in Earth's systems, weather/climate, biogeology, natural resources, natural hazards human impact on Earth's systems. In section 2 the focus will be on the environment and ecology and include studies of renewable and non-renewable resources, alternative energies, waste and waste management, watersheds and wetlands, environmental health, humans and the environment and ecosystems and their interactions. Objectives of the course are covered using a variety of methods which include lab activities, project group work, learner research, audio-visual aids, close reading strategies, individual work and lecture.

Course Title: CP Physical Science
Course Code: OL0524

Credit: 1.0
Length: Year

Bullet trains, such as ones in Japan, can get up to speeds of 200 mph! Have you ever wondered how the world's fastest trains travel at those speeds – how do they work and what materials are used to make them so they can withstand those high speeds? It all comes down to physical science – a mixture of chemistry and physics. You will learn how basic materials are carefully selected and put together to create the bullet train and its tracks. In addition, you will learn how to predict the speed of a bullet train, along with the forces acting on it, in order to determine how bullet trains truly are capable of those speeds. In this physical science course, you will apply the principles matter, and the forces acting on it to unlock the secrets behind bullet trains. Jump aboard and join us for our train ride!

Course Title: Science in Huntingdon County
Course Code: OL0525

Credit: .5
Length: Semester (Spring)

Explore the rich natural environment of Huntingdon County through the lens of science. High school students will investigate local ecosystems, study the region's unique geology, and analyze environmental challenges affecting the area. Fieldwork, interactive projects, and collaborations with local experts will provide students with practical skills and real-world scientific insights. This course also highlights the connections between science, conservation, and community, encouraging students to engage with and protect their local environment. Discover the science that shapes Huntingdon County and become an advocate for its natural resources.

SOCIAL STUDIES

Course Title: CP American Government/Economics
Course Code: OL0217

Credit: 1.0
Length: Year

This course will guide students through an in-depth study of the history, structure, and guiding principles of American government. This course also introduces the principles and the applications of economics in everyday life. Students develop an understanding of limited resources, and compare it with unlimited wants and needs. Students learn how individual and national economic decisions are made to allocate goods and services among competing users. Students apply economic principles to think and problem solve. The study of Economics uses the view of economic institutions and policies to explore the history, organization, and functions of the U.S. government in controlling our economy. Students are encouraged to use their knowledge of the policies and institutions of economics to develop their own views on current economic and monetary issues.

Course Title: Sociology
Course Code: OL0232

Credit: .5
Length: Semester (Fall)

Sociology examines the basics of sociology, which is the study of society including individuals, human groups, and organizations. The course is divided into four main areas: the sociological perspective, social structures, inequality in society, and social institutions and change. Students will examine controversies around social change, inequality, gender, and race. The course revolves around an overview of the field with projects that offer the student a chance to explore from a sociologist's perspective.

Course Title: Psychology **Credit:** .5
Course Code: OL0235 **Length:** Semester (Spring)
Designed as an introduction to the diverse fields and interests of psychology, this course is intended to, through the study of these various areas, explore components of and influences on human behavior to help promote awareness of how who we are impacts not only the individual but others as well. Topics include personality development, the history of psychology, research methods, physiological processes and the brain, learning and memory, development over the lifespan, psychological disorders, and social psychology.

Course Title: CP U.S. History I **Credit:** 1.0
Course Code: OL0213 **Length:** Year
U.S. History I continues the story of American history starting with the Revolutionary War to the Reconstruction efforts following the Civil War. The course covers the political developments in the colonies as they fought to become an independent nation, as well as the courage and sacrifice of the men who created the Constitution and the start of a new government. The “growing pains” of a young nation, such as Westward expansion and the multitude of conflicts over slavery are examined. Students will explore the reasons for regional conflict, the eventual dissolution of the Union, the main events of the Civil War, and how leaders and citizens attempted to “put the nation back together again.”

Course Title: CP U.S. History II **Credit:** 1.0
Course Code: OL0215 **Length:** Year
U.S. History II continues the story of American history. Following a brief review of Reconstruction efforts after the Civil War, this course will examine the major political, social, cultural, and economic developments up to contemporary history. As required by the Pennsylvania Academic Standards, students will explore the lives and actions of political leaders, military leaders, cultural and commercial leaders, and innovators and reformers. Participants will understand the role that America has forged during both peacetime and war. They will analyze primary documents and learn how numerous changes in the nation’s belief systems, commerce and industry, innovations, politics, settlement patterns, social organization, and transportation have contributed to the United States that we now know.

Course Title: CP World History **Credit:** 1.0
Course Code: OL0211 **Length:** Year
World History covers the history of civilization from hunter-gatherer societies through the characteristics of the earliest civilizations to the Enlightenment period in Western Europe. The second half of Semester A explores early intellectual, spiritual, and political movements and their impact on interactions among world cultures. World History emphasizes the effects of the Industrial Revolution and changing attitudes about science and religion as well as the impact of European colonization. Students are encouraged to make connections between World War I and II and events related to the Cold War and between 19th-century imperialism and modern independence movements.

Course Title: CP World Cultures **Credit:** 1.0
Course Code: OL0212 **Length:** Year
This course takes high school students on a journey around the globe to explore the diverse cultures, traditions, and histories that shape our world. Students will study customs, languages, religions, and artistic expressions from various regions, gaining a deeper understanding of global perspectives. Through interactive activities, multimedia resources, and collaborative projects, students will develop cultural awareness and appreciation. The course encourages critical thinking about global issues and the role of cultural diversity in today's interconnected world. Join us to broaden your horizons and celebrate the rich tapestry of world cultures.

WORLD LANGUAGES

Course Title: Spanish I

Course Code: OL0312

Credit: 1.0

Length: Year

Spanish 1 is designed to develop an authentic and practical understanding of the Spanish language and culture. Students will have the ability to express their thoughts, feelings, and opinions in the target language within basic, real-life situations and learning scenarios. Students in this course will also build upon thematic vocabulary dealing with the classroom, describing themselves and others, meal times, etc. All new concepts will be introduced in context while incorporating various listening, speaking, and writing activities using authentic, relevant, and engaging learning opportunities.

Course Title: Spanish II

Course Code: OL0322

Credit: 1.0

Length: Year

Spanish 2 is designed to build upon skills learned in Spanish 1 and prepare Students to communicate further using reading, writing, speaking, and listening. Students in this course will further their grammar skills to be able to communicate in other verb tenses and build skills that require more explanation. Students in this course will also build upon thematic vocabulary dealing with families, celebrations, homes, etc. Intercultural understandings are embedded throughout the course using a variety of media and discussions. Students will complete hands-on activities and innovative assignments to achieve the Can-Do statements laid out in the coursework.

Course Title: Spanish III

Course Code: OV0332

Credit: 1.0

Length: Year

Build upon skills learned in Spanish 2 and prepare Students to communicate further using reading, writing, speaking, and listening. Students in this course will further their grammar skills to be able to elaborate on events and narrate stories in past tenses. Students in this course will also build upon thematic vocabulary dealing with traveling, food, shopping, etc. Intercultural understandings are embedded throughout the course using a variety of media and discussions. Students will complete hands-on activities and innovative assignments to achieve the Can-Do statements laid out in the coursework.

NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Spanish IV

Course Code: OV0342

Credit: 1.0

Year

Length:

Spanish 4 is designed to develop an authentic and practical understanding of the Spanish language and culture. Students will have the ability to express their thoughts, feelings, and opinions in the target language within more nuanced real-life situations and learning scenarios. All new concepts will be introduced in comprehensible context while incorporating various listening, speaking, and writing activities using authentic, relevant, and engaging learning opportunities. At this level, language learning will be individualized to meet the goals of the Students' pertaining to their career and travel aspirations.

NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Spanish for Health Professions

Course Code: OV0352

Credit: .5

Semester (Fall & Spring)

Length:

This course is designed for students who want to develop Spanish language skills to better communicate with Spanish-speaking patients. Participants will learn essential medical vocabulary, phrases, and culturally appropriate communication strategies for clinical settings. The course includes practical scenarios such as patient interviews, explaining diagnosis, and providing instructions for treatment or medication. Emphasis is placed on building confidence in conversational Spanish and fostering trust with diverse patient populations. *This course cannot be used for NCAA eligibility.*

NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Business Spanish

Course Code: OV0362

Credit: .5

Length: Semester (Fall & Spring)

This course introduces high school students to the Spanish language skills and cultural knowledge needed to succeed in professional business settings. Students will learn key business vocabulary, practice writing emails and resumes in Spanish, and develop conversational skills for meetings and networking. The course also explores cultural etiquette and practices in Spanish-speaking business environments, preparing students to navigate global markets with confidence. Through interactive activities and real-world scenarios, participants will gain valuable tools to enhance their future careers. Get ready to expand your language skills and open doors to international business opportunities. *This course cannot be used for NCAA eligibility.*

NOTE: *This course is provided with a vendor and uses a different learning platform.*

Course Title: French and the Culinary Arts

Credit: .5

Course Code: OV0452

Length: Semester (Fall & Spring)

This course combines French language learning with an exploration of the world of culinary arts. High school students will build vocabulary related to food, cooking techniques, and French cuisine while practicing conversational skills. Students will also learn about French culinary traditions, regional specialties, and the cultural significance of food in France. Interactive activities, such as reading recipes, planning menus, and virtual cooking demonstrations, will make language learning practical and fun. Join us to discover the flavors of French culture and develop language skills to use in the kitchen and beyond. *This course cannot be used for NCAA eligibility.*

NOTE: *This course is provided with a vendor and uses a different learning platform.*

Course Title: German 1

Credit: 1.0

Course Code: OV0712

Length:

Year

German 1 is designed to mirror a class trip to Germany. Learners begin to develop an authentic and practical understanding of the German language and culture through the collaborative effort of planning an imaginary trip. As they navigate through getting to know each other, planning an itinerary and packing a bag, learners will gain the basic language and cultural skills to communicate in authentic scenarios. By the end of the course, learners will be able to ask and answer basic questions, analyze authentic German-language resources to get the information they need, and understand the cultural nuances that facilitate a successful trip abroad.

NOTE: *This course is provided with a vendor and uses a different learning platform.*

Course Title: German 2

Credit: 1.0

Course Code: OV0722

Length:

Year

German 2 is designed to build upon skills learned in German 1 and prepare learners to communicate further using reading, writing, speaking, and listening. Learners in this course will further their grammar skills to be able to communicate in other verb tenses and build skills that require more explanation. Learners in this course will build upon thematic vocabulary dealing with housing, traveling, shopping, professions, etc. They will also expand their knowledge of how to communicate in different time frames and how to add detail to conversations. Learners will complete hands-on activities and innovative assignments to achieve the Can-Do statements laid out in the coursework. In addition, they will learn about life and culture in the German-speaking countries.

NOTE: *This course is provided with a vendor and uses a different learning platform.*

Course Title: American Sign Language (ASL) 1

Credit: 1.0

Course Code: OV0612

Length:

Year

American Sign Language 1 is designed to introduce learners to the unique characteristics of a visual language. This is not a class about ASL; it is a class in ASL. Learners will be guided through engaging activities and interactions using signs, facial expressions, gestures and body language in order to communicate about authentic and relevant everyday topics. Learners will also explore elements of Deaf culture and the ways in which language and culture interact to shape each other. This exploration will allow learners to reexamine spoken languages, including their own, and the ways in which their cultural experiences have been shaped by language. Throughout, learners will be challenged to reconsider their understanding of ability/disability as they experience a whole new means of communication. Because of the visual nature of ASL and the interactive nature of this course, camera use is required and class sizes may be capped.

NOTE: *This course is provided with a vendor and uses a different learning platform.*

Course Title: American Sign Language (ASL) 2

Credit: 1.0

Course Code: OV0622

Length:

Year

In American Sign Language 2, learners will build on the basic skills developed in ASL 1 in order to communicate more complex and abstract concepts. Learners will continue to develop their understanding of the ways in which a visual language differs from a spoken one by beginning to convey more visual messages themselves. Elements of Deaf culture will be interwoven in all aspects of the course and learners will have specific opportunities to communicate with Deaf individuals using their developing skills. By the end of the course, learners will be able to engage in an authentic conversation with someone they do not know using exclusively ASL. Because of the visual nature of ASL and the interactive nature of this course, camera use is required and class sizes may be capped.

NOTE: This course is provided with a vendor and uses a different learning platform.

BUSINESS EDUCATION AND TECHNOLOGY

Course Title: Social Media Business & Marketing

Credit: .5

Course Code: OL0625

Length:

Semester (Spring)

Whether it's posting pictures, videos, or interacting in the metaverse, today's students who aspire to apply their social media skills to business marketing must be prepared. This course on Social Media Business Marketing provides them with the foundational knowledge of social media technology and marketing principles. The course begins with an introduction to social media platforms and then goes in depth into the marketing and advertising strategies used to support a company's social media strategy and campaigns. Through activities and projects, students will gain firsthand knowledge of this exciting field.

Course Title: Financial Literacy

Credit: .5

Course Code: OL0632

Length:

Semester (Spring)

This course is designed to help students budget, keep a checkbook and filing system, deal with debt and credit, and become wiser consumers. Students will learn how money and the dynamics surrounding it affect their relationships, their lifestyles, and their retirement.

Course Title: Entrepreneurship 1

Credit: 1.0

Course Code: OV0623

Length: Year

Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!

NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Business Ownership

Credit: 1.0

Course Code: OV0624

Length:

Year

In this course, you'll learn the skills you'll need in order to take your dream and transform it into a successful business. You'll explore foundations like generating ideas to qualifying opportunities, analyzing the market, and identifying skills for successful deployment. You'll learn to keep your business rolling and growing through effective workplace leadership and training while incorporating technological innovations to keep your business competitive. You've defined your business and made a plan to launch your vision, and now, it's time to turn that business into a well-oiled machine! In this course, you'll also familiarize yourself with tried-and-true strategies for success! You'll distinguish market segments, develop the appropriate market mix, brand your business, create a top-notch customer service environment, and calculate financial factors for the crucial first year- and every year after!

NOTE: This course is provided with a vendor and uses a different learning platform.

FAMILY AND CONSUMER SCIENCES

Course Title: Independent Living

Credit: .5

Course Code: OL0109

Length:

Semester (Spring)

An exploratory course includes studies in life management, career exploration, foods and nutrition, consumer economics, life and family management and cooking lab experiences.

STEM

Course Title: Startups and Innovation

Credit: .5

Course Code: OL0917

Length:

Semester (Fall)

Students hear a lot of contradictory advice in life. On one hand, they may hear something like “Follow your dreams. Pursue your passion and the money will come!” On the other hand, they may hear something completely opposite, like “Most startups fail! It’s much safer to get a safe, steady job.” So which side is right? The entrepreneurial mindset of searching for opportunities, creating value, and solving pain points will always be valuable. And this mindset applies not just to starting a business, but in any organization that someone is a part of: school, established companies, or non-profits.

Course Title: Intro to Coding

Credit: .5

Course Code: OL0616

Length:

Semester (Spring)

Coding’s simplest definition is that it tells a device what the user wants it to do. Coding improves problem solving, and coders take complex problems and break them down into smaller parts. Students will understand what it’s like to approach a problem the way a software engineer does, with logical, computational thinking. This logical thinking is a powerful tool in school, work, and life. Students will gain foundational coding concepts, such as loops, variables, conditional statements, and functions. Students will practice and apply their skills in a variety of ways, primarily using Python language through Carnegie Mellon University and their web-based computer science academy. Exploring programming with Python will revolve around graphics-based problem solving and has similar visually engaging notes, checkpoints, exercises, and projects for students to complete

Course Title: Principles of Information Technology 1

Credit: 1.0

Course Code: OV0618

Length:

Year

Principles of IT helps you understand computing and information technology concepts from the inside out. You will start off looking at the hardware and software options for a computer, including common troubleshooting methodologies. Then you move into networks, and how computers work together, including how the internet works. From there, you get an introduction to the major types of software categories you will need to know in most professional spaces: word processing and spreadsheets, with a little database information thrown in. You will explore some of the basics of graphic design, web development languages, and coding. You will also learn about team building, communication and presentation software, and becoming a digital citizen, giving perspective on how to collaborate with others as you transition from school to the workplace. Lastly, you will uncover potential cyber threats and how to protect your own devices through features and behavior change before putting everything together in a culminating project: designing a website in Weebly.

NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Network Security Fundamentals 1

Credit: 1.0

Course Code: OV0619

Length:

Year

Have you seen news headlines about cyber data breaches or hacks? With so many businesses working hard to ensure that their data and their customers’ information stay safe and secure, it’s no wonder that careers in cybersecurity are in high demand. Learn what information security is, hackers, viruses, spyware, network systems, identifying potential vulnerabilities, protecting against attacks, and creating a disaster and response plan if breaches do occur. Explore cyber forensics, encryption, cryptography and cryptology, user and password management to mitigate large

data breaches, and other threats, vulnerabilities, and security issues. Discover what it takes to enter this high-demand career field.

NOTE: This course is provided with a vendor and uses a different learning platform.

OTHER ELECTIVES

Course Title: Career Planning

Credit: .5

Course Code: OL0110

Length:

Semester (Fall & Spring)

As you begin to end one stage of life and move onto the next, it is important to plan for the future. Are you going to college, work, trade school, the military, or taking a year off? Do you want to help people, create new and exciting pieces of technology, discover a new planet, or work with animals? As you work through this course, you will discover more about yourself as well as your interests, skills, and work ethic. You will research possible careers and learn about their outlook, income, and benefits. You will also fill out job applications and participate in mock interviews. The Game of Life is never easy or a straight path. Are you ready to discover where it will take you?

Course Title: Personal Leadership

Credit: .5

Course Code: OL0627

Length:

Semester (Spring)

This course focuses on social skills. Social skills are an important tool students need in order to build relationship and communication skills. Topics in this course include: Social skills for healthy & supportive relationships, Responsible decision making, How emotions, thoughts, and values influence behavior, Different perspectives, and Empathizing with others.

Course Title: Character Education

Credit: .5

Course Code: OL0115

Length: Semester (Spring)

This course teaches students practical skills for understanding and managing their emotions, setting goals and getting organized, understanding and getting along with others in our diverse world, and making good decisions. Research shows that people who practice these skills have greater academic achievement as students and experience more success and satisfaction as adults.

Course Title: Health Sciences Foundations

Credit: 1.0

Course Code: OV0628

Length:

Full Year Course

In this course, you'll explore the concepts of health, wellness, and preventative care across the lifespan while also learning how the human body works. From cutting-edge technology to first-line patient care, get ready to dip your toes into the range of careers available in therapeutic services, diagnostic services, biotechnology, support services, and informatics. You will also learn the skills that could save lives, from mastering CPR and AED to taking vital signs with confidence. Discover how to stay cool in high-pressure situations, prevent injuries, and eliminate medical errors, while gaining a solid foundation in safety and emergency skills. Along the way you will build leadership and teamwork skills that will set you apart in any healthcare role, whether you're dreaming of clinical work or a role in healthcare administration.

NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: History of Gaming & Esports

Credit: .5 Course

Code: OV0617

Length: Semester (Fall & Spring)

In this course, students will learn about the technologies and design principles that have been the foundation of the development of video game technology over the last 50 years. Students will examine and discuss the impact of video games on culture and the economy. Students will learn about the current gaming and e-sports landscape, including strategies and techniques of top teams and individuals. This course will also discuss the risks and dangers of video games and understand how to set appropriate time and content parameters. Finally, the course will identify career paths and opportunities for those who are passionate about gaming.

NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Driver’s Education **Credit:** .5
Course Code: OL0926 **Length:**
Semester (Fall & Spring)
This course prepares high school students to become safe, responsible, and confident drivers. Students will learn the rules of the road, essential driving techniques, and strategies for handling various driving conditions. The course combines classroom instruction with practical, behind-the-wheel training to build real-world skills. Emphasis is placed on defensive driving, understanding traffic laws, and making informed decisions on the road. Join us to gain the knowledge and skills needed to earn your driver's license and navigate the road safely!
**Note: This course is for 10th graders only up to 25 students per class.*

VIRTUAL INTERNSHIP

Course Title: Workplace and Internship Readiness **Credit:** .5
Course Code: OV0600 **Length:**
Semester (Fall)
In order to prepare for the workplace and the upcoming virtual internship, students must first learn about important workplace skills. In this course students will get to know themselves better as well work on topics such as: From Classroom to Employment, Workplace Behavior, Communicating at Work, Teamwork Makes the Dream Work, Managing Your Time, Energy, & Money, Protecting Yourself & Your Employer, Bringing it Together & Becoming a Leader.
NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Virtual Business Simulation: Fashion **Credit:** .5
Course Code: OV0601
Length: Semester (Spring)
Prerequisite Course: Workplace and Internship Readiness
This course brings the fashion world to life for students. Teenagers have long been the drivers of the fashion industry – spending billions of dollars a year on fashion and accessories. The online simulation harnesses the passion that students have for fashion to teach them the real-world business decisions that make or break popular fashion trends. This simulation is ideal for learning marketing, fashion marketing, entrepreneurship, and business.
NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Virtual Business Simulation: Dental Assistant **Credit:** .5
Course Code: OV0602 **Length:**
Semester (Spring)
Prerequisite Course: Workplace and Internship Readiness
In Dental Assisting Skills and Procedures students apply the concepts they have learned in class as they progress through the experiential learning journey on their way to becoming a Dental Assistant. In a low-stakes virtual setting, students will gain a deeper understanding of what it takes to strive for high patient satisfaction and quality care. Within the simulation, students focus on learning the necessary skills and steps involved with each procedure. They will also enhance their ability to communicate effectively, understand their scope of practice, manage infection control, handle emergencies, chart, and manage patient notes using the CPIF tool (Clinical Patient Interaction Form).
NOTE: This course is provided with a vendor and uses a different learning platform.

Course Title: Virtual Business Simulation: Sports & Entertainment

Credit: .5

Course Code: OV0603

Length:

Semester (Spring)

Prerequisite Course: Workplace and Internship Readiness

This online simulation teaches students the hard business decisions that go into the sports and entertainment events they enjoy in real life. Students handle promotions, ticket pricing, stadium operations and staffing, sponsors, concessions, concert booking, and more. This simulation is ideal for teaching sports and entertainment marketing, business/sports management, general marketing courses, and entrepreneurship.

NOTE: This course is provided with a vendor and uses a different learning platform.

Important information about BILD Enrollment:

Students wishing to transition to full time BILD (4 online classes) for the 25-26 school year can do so at the beginning of the year and at the start of each marking period. Other changes during the school year will require a doctor's note indicating the change to online learning is needed. Part time BILD students (1-3 online classes) can only make changes at the start of the school year and in January, at the start of the second semester. Each student is required to attend an enrollment session and complete an orientation before officially starting with online classes.

Career Pathway Certifications Through BILD

| CAREER | COURSES REQUIRED | Total Credits | OPTIONAL COURSES | Certification Assessment <i>(to be completed at the conclusion of all required courses)</i> |
|--------------------------|---|----------------------|---|---|
| Cybersecurity Specialist | 1. Principles of Information Technology 1 2. Network Security Fundamentals 1 3. Operational Cybersecurity 1 | 3.0 | | CompTIA IT Fundamentals (ITF+) |
| Entrepreneurship | 1. Entrepreneurship 1 2. Business Ownership 1 | 2.0 | <ul style="list-style-type: none">• Virtual Simulation: Fashion• Virtual Simulation: Business Sports & Entertainment | ESB Entrepreneurship and Small Business |
| Health Sciences | 1. Health Sciences Foundations | 1.0 | <ul style="list-style-type: none">• Virtual Internship: Healthcare Dental Assistant | NCHSE Foundations of Healthcare Professions |

COURSE SELECTION SHEET

Circle one of the 4 Career Pathways and write your current career choice:

Arts, Communications, and Humanities

Business, Finance, and Information Technology

Health Sciences and Human Services

Science, Technology, Engineering, Mathematics (STEM) and Agriculture

Possible Career choice: _____

REMEMBER TO SCHEDULE AT LEAST 6.0 CREDITS but not MORE THAN 7.0 CREDITS

REFER TO THE DETAILED COURSE DESCRIPTION SECTION OF THE PACKET FOR COURSE NUMBERS AND NUMBER OF CREDITS EARNED IN EACH CLASS.

| Core Courses/Course Name: | Course # | # of Credits |
|---|-----------------|---------------------|
| <i>English</i> | | |
| <i>Social Studies</i> | | |
| <i>Math</i> | | |
| <i>Science</i> | | |
| <i>PE/Health</i> | | |
| <i>Other Required Courses or Electives/Course Name</i> | | |
| | | |
| | | |
| | | |
| <i>Total Credits Scheduled</i> | | |

**List two additional electives (course name only) in case your first choice(s) are not available:

Math Course Recommended by CURRENT math teacher: _____

CURRENT MATH TEACHER'S SIGNATURE: _____

Student Name: _____

Homeroom: _____

Current Grade: _____

Student Signature _____ Date: _____

Parent/Guardian Signature _____ Date: _____

*If needed, Additional copies of this sheet are available in the Guidance Office and on the website.

IN-PERSON COURSE OFFERINGS BY DEPARTMENT/SUBJECT

(The complete packet with detailed course descriptions can be found on the school website.)

DUAL ENROLLMENT

Dual Enrollment/AP English Composition I - 146
Dual Enrollment/AP English Composition II - 147
Dual Enrollment/AP U.S. History I & II - 144
Advanced Algebra 2 - 440
Microsoft Applications - 613
Dual Enrollment/AP Chemistry - 554
Early Childhood Education - 726
Psychology - 236
AP American Government - 153

ENGLISH

English - 9, 10 & 11 - see guide
Comprehensive/College Prep English 9, 10 & 11 - see guide
Honors English 9, 10, 11 & 12 - see guide
AP English 12 - 147
English 11 - Literature for Life and Work - 122
English 11 - American Literature: True Crime - 123
English 11 - Modern American Literature - 125
English 12 - British Literature To 1600 - 117
English 12 - British Literature From 1600 - 116
English 12 - Literature for Life and Work - 118
English 12 - Gothic Novel - 119
Dual Enrollment/AP English Composition I - 146
Dual Enrollment/AP English Composition II - 147
Intro to Journalism - 127
Dramatic Literature (Elective) - 156
Greek and Roman Mythology (Elective) - 165
Modern Themes in Classic Films (Elective) - 160
Feminine Literature (Elective) - 121
Kinnect English - 208

MATHEMATICS

Algebra 1A - 410 and Algebra 1B - 411
CP Algebra 1 - 412
CP Algebra 2 - 420
Algebra 2 - 419
Dual Enrollment Advanced Algebra 2 - 440
CP Geometry - 421
Geometry - 413
Consumer Math - 405
CP Trigonometry & Pre-Calculus - 452
AP Statistics - 455
AP Calculus - 453

SCIENCE

General Science - 522
AP Environmental Science - 526
Physical Science - 524
Honors Biology - 511
CP Biology - 510
AP Biology & Lab - 552
Honors Chemistry - 535
CP Chemistry - 532 and CP Chemistry II - 530
AP/DE Chemistry & Lab - 554
Honors Physics - 540 and Honors Physics II - 542
Anatomy and Physiology - 546

AGRICULTURE EDUCATION

Introduction to Ag - 721
Plant/Soil Science - 720
Wildlife and Fishery Science - 716
Agricultural Mechanics and Equipment - 717
Metalworking, Plumbing, Engine Systems - 714
FFA Leadership - 752 or 753
Independent Supervised Agricultural Experience - 754
Agricultural Structures- Woodworking, Carpentry, Masonry, Electrical-

SOCIAL STUDIES

CP Modern World History - 211
CP US History I - 213
Honors US History I - 151
AP/DE US History I & II - 144
CP US History II - 215
Honors US History II - 152
CP American Government and Economics - 217
Economics: Principles and Applications - 230
Honors American Government and Economics - 148
Psychology (Elective) - 235
Principles of Sociology (Elective) - 232
Pennsylvania and Local History (Elective) - 233
Kinnect Social Studies - 214

FOREIGN LANGUAGE

Spanish I, II, III & IV - see guide

HEALTH and PHYSICAL EDUCATION

Health I - 924
Health II - 925
Fitness Walking Class - 923
Intro to Weight Lifting - 920
Advanced Weight Training/Health (All grades) - 922

ART

Visual Arts & Graphic Design - 657
Art History BCE - 18 century - 835
Art History 19 century - Present - 836
2D Design - 821
3D Design - 823
Advanced Art - 822
Advanced Media and Communications - 832/833
Community-Based Marketing - 825/826
Senior Art Studio - 827
Yearbook - 664/665

BUSINESS EDUCATION AND TECHNOLOGY

Financial Life Preparation - 632
Leadership - 629
Business Law - 658
Entrepreneurship - 623
Dual Enrollment Microcomputer Applications - 613
Introduction to Business - 614 and Introduction to Business II - 615
Accounting I - 631
Visual Arts and Graphic Design - 657
Advanced Media and Communications - 832/833
Yearbook - 664/665
Google/Microsoft Applications - 663
Introduction to Coding - 616
Computer Science I: App Development - 617
STEM - 618
Engineering I - 757

MUSIC DEPARTMENT

Music Appreciation - 813
Music Theory I - 814 and Music Theory II - 815
Voice Class I - 816 and Voice Class II - 817
Guitar I - 818 and Guitar II - 819
Chamber Singers - 850
Choralairs - 851
Intro to Musical Theatre - 856
Intro to Music History - 857
Concert Band - 852
Ukulele I - 811 and Ukulele II - 812
Piano I - 854 and Piano II - 855

FAMILY AND CONSUMER SCIENCES

Independent Living - 110
Food and Nutrition I - 727
Early Childhood Education - 726

HCCTC

Heating Ventilation Air Conditioning and Refrigeration - 779
Cosmetology - 775
Electrical Occupations - 783
Culinary Arts - 777
Automotive Mechanics - 771
Sports Exercise and Rehab Therapy (SERT) - 807
Welding - 801
Collision Repair - 773
Health Occupations - 791
Construction Trades - 781
Public Health and Safety - 805

ONLINE COURSE OFFERINGS BY DEPARTMENT/SUBJECT WITH BILD

(The complete packet with detailed course descriptions can be found on the school website.)

ART

Music Appreciation - OL0813
Beginning Piano - OL0854
Theater Studies - OL0856
Basic Drawing - OL0820

HEALTH and PHYSICAL EDUCATION

Physical Education 1 - OL0921
Physical Education 2 - OL0922
Health 1 - OL0923
Health 2 - OL0924

ENGLISH

CP English 9 - OL0111
CP English 10 - OL0112
CP English 11 - OL0113
CP English 12 - OL0114
Technical English for Seniors - OL0100
Creative Writing (Elective) - OL0154

WORLD LANGUAGES

Spanish 1 - OL0312
Spanish 2 - OL0322
*Spanish 3 - OV0332
*Spanish 4 - OV0342
*Spanish for Health Professions - OV0352
*Business Spanish - OV0362
*French and the Culinary Arts - OV0452
*American Sign Language 1 - OV0613
*American Sign Language 2 - OV0622
*American Sign Language 3 - OV0632
*German 1 - OV0712
*German 2 - OV0722

MATHEMATICS

Algebra 1A - OL0407
Algebra 1B - OL0408
CP Algebra 1 - OL0411
Algebra 2 - OL0419
CP Algebra 2 - OL0420
Geometry - OL0413
CP Geometry - OL0421
CP Precalculus and Trig - OL0452
Consumer Math - OL0405

SCIENCE

CP General Science - OL0522
CP Physical Science - OL0524
CP Biology - OL0510
Science in Huntingdon County (Elective) - OL0525

SOCIAL STUDIES

CP World Cultures - OL0212
CP Modern World History - OL0211
CP US History I - OL0213

CP US History II - OL0215

CP American Government and Economics - OL0217

Psychology (Elective) - OL0235

Principles of Sociology (Elective) - OL0232

STEM & COMPUTER SCIENCE

Startups and Innovation - OL0917

Intro to Coding - OL0616

*Principles of Information Technology 1 - OV0618

*Network Security Fundamentals 1 - OV0619

*Operational Cybersecurity 1 - OV0620

BUSINESS EDUCATION

Financial Literacy - OL0632

Social Media Business & Marketing - OL0625

*Entrepreneurship 1 - OV0623

*Business Ownership - OV0624

FAMILY AND CONSUMER SCIENCES

Independent Living - OL0109

OTHER ELECTIVES

Career Planning - OL0110

Character Education - OL0115

Personal Leadership - OL0627

*Health Sciences Foundations - OV0628

*History of Gaming and Esports - OV0617

Driver's Education - OL0926

VIRTUAL INTERNSHIP

*Workplace and Internship Readiness - OL0600

*Virtual Fashion Internship Program - OL0601

*Virtual Healthcare Dental Assistant - OV0602

*Virtual Business Sports & Entertainment - OV0603

*All courses taught by HASD staff will be offered in our HASD Canvas instance. All courses taught by subcontracted teachers will be offered in different learning management systems.

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