CAMP HILL

HIGH SCHOOL

EDUCATIONAL PLANNING GUIDE

2026-2027

TO STUDENTS AND THEIR FAMILIES

This guide will assist in planning and choosing an educational program for next year. It is essential to give serious thought to the courses selected. Abilities, interests, goals, and future plans should be considered. Consult teachers and school counselors for assistance in making these important decisions.

Read the information carefully before selecting courses. Pay close attention to the important dates in the course selection process, especially the deadline for entering course requests in the student information system (SIS) and returning the selection sheet. Students will be guided on how to complete the course selection form and how to enter the choices into the SIS.

For questions, please email or call the high school office at 717-901-2500.

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DATES TO REMEMBER

- **February 13- March 2, 2026**: Teachers enter course recommendations in portal
- **March 3-4, 2026**: Course selection meetings in English classes
- **March 3-20, 2026**: Students enter course requests in the student portal of SIS and on course selection form
- **March 20, 2026**: Deadline for students to enter course requests in the student portal and to submit course selection form to English teacher
- **May 2026:** Students do final review of course requests in SIS portal
- **May 29, 2026:** Deadline for course request changes

SCHEDULE CONFLICTS

Course changes after May 29, 2026 will only be made when there is a conflict in the student's schedule. Students are not permitted to make changes to requested courses after this date.

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MISSION, VISION, AND SHARED VALUES

MISSION

The Camp Hill Learning Community is committed to providing all students with foundational skills, knowledge, and opportunities for lifelong success.

VISION

“Educational Excellence, Community Strength, Student Success”

SHARED VALUES

1. We believe education is a lifelong process.

2. We believe educational excellence is a collaborative process and a shared responsibility of the student, family, and staff.

3. We believe students' educational experiences should be founded in the rigorous study of traditional academic disciplines.

4. We believe students' educational experiences should enable them to become effective communicators, independent learners, motivated critical thinkers and innovators.

5. We believe our learning community should foster understanding and respect for every individual.

6. We believe our learning community should promote responsible citizenship.

7. We believe frequent review of the educational program is necessary to meet student needs.

8. We believe in establishing and maintaining high standards and expectations for all members of the school community.

9. We believe effective leadership sustains educational excellence.

10. We believe recruiting and retaining high quality staff is vital to achieving our mission.

11. We believe an informed and involved community strengthens the school system.

PENNSYLVANIA STATE CORE ACADEMIC STANDARDS

Camp Hill High School utilizes the PA academic and core standards in defining its curriculum and course justifications. To access these standards, go to: https://www.pdesas.org/Standard/View.

GRADUATION AND PROMOTION REQUIREMENTS

The Camp Hill High School program of studies operates under the single diploma plan. All students who meet the requirements for graduation receive similar undifferentiated diplomas

A total of 25.0 units of credit must be earned in grades 9, 10, 11, & 12 in order to graduate from Camp Hill High School. Courses taken in Middle School do not count toward credits for graduation. Students who do not earn 25.0 credits by graduation will not be eligible for a diploma, nor participate in graduation exercises.

For the total of 25.0 units of credit, the following must be earned in specific areas:

English	4 credits
Social Studies	3 **or** 4 credits*
Mathematics	3 **or** 4 credits*
Personal Finance	.5 credits
Science	3 **or** 4 credits*
Arts & Humanities	2 credits**
Health & Wellness, PE, and Driver & Safety Ed.	1.5 credits
Career Exploration	.5 credits
Additional electives	5.5 credits
TOTAL	**25.0 Credits***

***Beginning in 2026-2027, students attending Cumberland Perry Area Career & Technical Center for three years are only required to take a 4th credit in math or science or social studies (Personal Finance is still required).**

**Courses that satisfy the Arts & Humanities requirement:
World Language courses
Music courses
Art courses
Social Studies electives
Family & Consumer Science courses
English electives
Technology Education courses

COURSES REQUIRED OF ALL STUDENTS

CORE COURSES

GRADE 9	CREDIT	GRADE 10	CREDIT
English	1.0	English	1.0
World History	1.0	Civics/Government	1.0
Math	1.0	Math	1.0
Biology	1.0	Science	1.0

GRADE 11	CREDIT	GRADE 12	CREDIT
English	1.0	English	1.0
20th Century Am. History or AP US History	1.0	Social Studies	1.0
Math	1.0	Math or Science	1.0
Science	1.0		

Beginning in 2026-2027, Students attending Cumberland Perry Area Career & Technical Center for three years are only required to take a 4th credit in math or science or social studies (Personal Finance is still required).

ADDITIONAL REQUIRED COURSES	CREDIT
• Personal Finance (grade 11 or 12)	.5
• Career Exploration (grade 9, 10, or 11)	.5
• PE and Health/Wellness (1.5 credits required over grades 9-12)	
All students must take:	
• PE (grade 9,10,11, or 12) (One PE class is recommended in grade 9)	.5
• Health & Wellness (grade 10, 11, or 12)	.5
• Driver & Safety Education or an additional PE course (grade 10, 11, or 12)	.5

KEYSTONE EXAMS

The Keystone Exams are end-of-course assessments designed to assess proficiency in specific subject areas. Beginning in the 2012-2013 school year, Keystone Exams in the following subjects were developed by the Pennsylvania Department of Education and made available for use by school districts, Area Career-Technical Schools, and charter schools, including cyber charter schools.

- Algebra I
- Literature
- Biology

Critical Pennsylvania Department of Education Update on Graduation Requirements
Act 158 which was signed into law by Governor Tom Wolf on October 24, 2018, shifts Pennsylvania's reliance on high stakes testing as a graduation requirement to provide alternatives for high school students to demonstrate readiness for post-secondary success. Formerly, Pennsylvania's graduation requirement was more restrictive, requiring most students to pass the Keystone Exams — end of course exams in Algebra I, Literature, and Biology. Senate Bill 1095 expands the options for students to demonstrate post-secondary readiness using four additional pathways that more fully illustrate college, career, and community readiness.

ASSESSMENT OF CIVIC KNOWLEDGE

Act 35, which was signed into law on June 18, 2018 requires students to be assessed on civic knowledge. This assessment is not a local or state graduation requirement. Students will be assessed on civic knowledge at the conclusion of taking 10th grade CP Civics and Government or AP US Government & Politics. Students that earn a perfect score shall be awarded a certificate of recognition from the high school. For more Information, please click here, Assessment of Civic Knowledge.

FINAL EXAMS / ASSESSMENTS

Final exams and authentic assessments are utilized at Camp Hill High School. Core courses use them to capture the totality of student learning that occurred in a semester/year. Moreover, we believe they help maintain the high rigor and standards that define the learning experience at Camp Hill.

COUNSELING AND STUDENT SERVICES

High school years are full of growth, promise, excitement, frustration, disappointment, and hope. It is the time when students begin to discover what the future holds for them. High school counselors have an impact on these years by implementing a comprehensive school counseling program and collaborating with school staff, parents, and the community to create a safe and respectful learning environment. High school counselors enhance the learning process and promote academic, career, and social/emotional development. High school counseling programs are essential for students to achieve optimal personal growth, acquire positive social skills and values, set informed career goals and realize their full academic potential to become productive, contributing members of the world community. *(American School Counseling Association)*

Part of the counseling service is to provide resource materials which will aid the student in post-secondary educational choices and career decisions. Students and families will utilize Xello, a secure internet-based career and college readiness platform that helps students connect academic achievement to post-secondary goals and success.

The Counseling Department will schedule an individual conference with every student as needed or requested. Parent/guardian conferences will be scheduled upon request or as needed. The High School Counseling Center telephone number is 901-2500 x3969.

LEARNER – PARENT/GUARDIAN – SCHOOL COMMUNICATION

At Camp Hill High School, we believe in the importance of the communication process with all stakeholders. We believe our process allows for the most efficient and effective way of handling most concerns. Our process begins at the learner/teacher level. We believe that high school learners need to begin to understand that if they are having difficulties in a particular class, they need to advocate for themselves by having consistent conversations with the teacher. If a learner would feel more comfortable having their counselor help facilitate this conversation, the learner should work with the counselor to assist in setting a meeting with the teacher. Additionally, parents/guardians should contact teachers directly when questions arise regarding an educational matter. When a learner or parent does not feel their concern has been addressed by a teacher, the next step of the process would be to involve the school counselor. Typically, the school counselor sets up a meeting with the teacher, parent, and learner so the concerns can be addressed. The learner's appropriate administrator could be involved in this meeting. As always, in any professional setting, we strongly believe that any communication is uniformly respectful and allows each party the opportunity to share their perspective.

Summary of Communication Process

Learner, Teacher
Learner, Teacher, and Counselor
Learner, Teacher, Counselor, and Parent
Learner, Teacher, Counselor, Parent, and Administrator

The district's student information system (SIS), and learning management system (Schoology) are the resources that can be used to monitor academic progress. Refer to information on the CHSD website for creating accounts.

ACADEMIC LOAD

In choosing a program, careful consideration must be given, not only to what course is to be selected, but also to the nature of the course. Students must schedule all subjects required by the school and the state and meet the credit requirements for graduation.

Consideration must be given to the number of times a class meets each cycle and to the out-of-school requirement. While there is no limit on the number of courses that may be taken in a particular year, students are limited by the number of periods available and conflicts in scheduling courses. Students are responsible for scheduling appointments with their counselor to discuss the course selections and educational program. When creating their course schedule, students should balance the course load in semester one and semester two. A balanced schedule may look different from student to student depending on the student's grade level and educational needs. **Students will be scheduled with a goal of 35 academic periods out of 40 per five-day cycle. Seniors are encouraged to schedule a minimum of 5 credits each semester.**

The following courses may require a summer assignment**.** Summer assignments will be assessed and must be completed by the assigned due date in order to be enrolled in the course. Transfer students that have registered in the summer months of July and August will be afforded an opportunity to complete the summer assignment.

- AP English Language & Composition
- AP English Literature & Composition
- AP Physics 1
- AP Physics C: Mechanics
- AP Biology
- AP Chemistry
- AP Precalculus
- AP Calculus
- AP Statistics
- AP United States History
- AP United States Government & Politics
- Honors English 9
- Honors English 10

PREREQUISITES

Students who wish to schedule sequential or the second, third, or fourth year of any subject must meet the requirements outlined for each course. For sequential courses, a specified final average in the preceding course or level may be required and can be found in the course description section of this booklet.

COURSE RECOMMENDATION OVERRIDE

During the course selection process teachers make recommendations for future courses. These recommendations are based on multiple criteria including, but not limited to academic achievement and performance in the current course and potential for success in the future course. Students are highly encouraged to follow the recommendation made by the teacher. Occasionally situations arise when students wish to select a course not recommended by the teacher. In such cases, the student must meet with their counselor, complete the steps outlined on the provided Course Override form, and submit by the end of the school year.

GRADING SYSTEM

90-100	A	Satisfactory	S
80-89	B	Unsatisfactory	U
70-79	C	Withdraw	W
60-69	D	Withdraw Fail	W/F
0-59	F	No Grade	N

COURSE WITHDRAWAL

Student requests to withdraw from a course made through the end of marking period 1 will result in a grade of W (Withdraw) on the student's report card and transcript. A "W" does not impact GPA.

Student requests to withdraw from a course made after the first marking period of a year-long course or semester one course, or in the third marking period of a semester 2 course, will result in a grade of W/F (Withdraw/Fail) on the student's report card and transcript. Zero percent is calculated into the GPA.

MARKING PERIOD GRADES

In the first marking period of a year-long or semester one course, the lowest grade assigned on the report card is 50%. In the second marking period of a year-long or semester one course, the lowest grade assigned on the report card is 40%.

For semester two courses, the lowest grade assigned on the third marking period report card is 50%. The lowest grade assigned for the fourth marking period of the semester two course is 40%.

Cumberland Perry Area Career and Technical School utilizes an alternate grading system and has a minimum passing grade of 70% for each of their courses.

COURSE WEIGHTING

Course weights are assigned to each class taken at Camp Hill High School that are graded on a percentage scale.

Course weights have the purpose of denoting rigor on transcripts and are used when calculating the cumulative weighted grade point average (GPA).

The designations will be signified as part of the course title, for example, “AP Statistics” or “Honors Algebra 2”. CHHS courses that do not have a CP, Honors, or AP label, shall be understood as a general course and carry the 1.0 weight. Courses taken online through the Lion Academy are given the weight of a CHHS equivalent course.

Label	Weight
AP	1.075
Honors	1.050
CP	1.025
General	1.0

GRADE POINT AVERAGE

A measure of a student’s overall academic performance is the grade point average (GPA). At the end of each marking period a weighted and unweighted cumulative GPA will be calculated. Both GPAs will appear on a student’s transcript. The weighted GPA will be used to determine the valedictorian and salutatorian.

The unweighted GPA is calculated by taking the final grade of each course multiplied by the credit value of the course. The products are added together and divided by the total number of credits.

The weighted GPA is calculated by taking the final grade of each course multiplied by the course weight and course credit. The products are added together and divided by the number of credits.

SAMPLE UNWEIGHTED GPA

Course	Grade	Multiply	Credit	Product
CP English 11	90	X	1	90
AP US History	85	X	1	85
H. Algebra 2	95	X	1	95
CP Chemistry	90	X	1	90
H. Spanish 4	80	X	1	80
Health & Wellness	85	X	.5	42.5
Digital Design 1	88	X	.5	44
			6.0	526.5

Unweighted GPA = 526.5 ÷ 6.0 = 87.75%

SAMPLE WEIGHTED GPA

Course	Grade	Multiply	Weight	Credit	Product
CP English 11	90	X	1.025	1	92.25
AP US History	85	X	1.075	1	91.375
H. Algebra 2	95	X	1.050	1	99.75
CP Chemistry	90	X	1.025	1	92.25
H. Spanish 4	80	X	1.050	1	84
Health & Wellness	85	X	1.000	.5	42.5
Digital Design 1	88	X	1.000	.5	44
				6.0	546.125

Weighted GPA = 546.125 ÷ 6.0 = 91.02%

THE HONOR ROLL

The students are listed for honors at the end of their respective report periods according to the following criteria. GPA calculations for honor roll are not rounded up.

Distinguished Honors
A grade point average of 93% or higher for the marking period. A student may not have a grade of U for unsatisfactory or I for incomplete.

Honors
A grade point average of 85-92% for the marking period. A student may not have a grade of U for unsatisfactory or I for incomplete.

INSTRUCTIONAL MEDIA CENTER

The Media Center is physically located in the center of the school and is the school's learning hub. Its Information Literacy program is fully integrated into all areas of the curriculum, and is a vital component influencing the quality of education. Information skills are integrated with and relevant to the classroom curriculum, as well as to individual needs. The instructional media center staff work closely with all members of the school community to achieve curricular learning outcomes. The mission of the instructional media program is to create a learning environment that encourages and enables each student to be effective and lifelong users of ideas and information.

Various resources, services, and technologies are available to meet our students' learning and information needs. The IMC includes over 15,000 print and electronic resources. Students have access to the following web-based services:

- AccessIt, the library's online catalog
- MackinVIA, the library's collection of eBooks and audiobooks
- A collection of electronic databases – *ProQuest eLibrary, JSTOR, Gale Opposing Viewpoints in Context, Student Resources in Context, Science in Context, U.S. History in Context, World History in Context, ABC-CLIO American Government, ABC-CLIO American History, ABC-CLIO World Geography, ABC-CLIO Issues, CountryReports, and World Book Online*
- Noodletools - citation-building, note-taking,
- POWER Library through Access Pennsylvania

Technology is a key component of the instructional media program and is continually evaluated and upgraded. The instructional media center has a variety of technology for student use. Individuals, groups, and/or classes may come to the media center throughout the day for curricular needs, enrichment, and enjoyment.

COURSES OF STUDY

GENERAL COURSES

The primary intent of the general courses is to modify instructional methods of teaching and adapt curriculum so that student needs are met. General courses are offered in the core areas of English, mathematics, social studies, and science.

COLLEGE PREPARATORY COURSES

College preparatory courses provide a solid foundation for students who plan to attend college after high school. It is strongly recommended that students take a variety of core subjects, including world languages.

HONORS COURSES

Camp Hill High School offers honors courses which have a faster pace than college preparatory courses and examine significantly more material. These courses are intended for students who are able to master the concepts quickly. Due to the rigor, these courses carry a higher weight than college preparatory courses.

Students are approved for honors courses using multiple criteria including academic achievement and teacher recommendation. Occasionally, situations arise where a student requests an honors course in which the criteria has not been met. In such cases, consultation with the student, parent/guardian, teacher, counselor, and principal for the purpose of reviewing the placement recommendation is scheduled. Parent/Guardian permission on an override form will be required if the student is placed in a course for which he/she is not recommended.

ADVANCED PLACEMENT PROGRAM

The College Board Advanced Placement program offers college level courses that are taken in high school. Students have the option to take the national AP exam at the end of the year for each course. A specific score on the AP exam allows students to earn college credits. AP courses are designed to provide rigor beyond honor level courses. Students are encouraged to reference the AP course workload chart prior to selecting an AP course(s). All AP courses require teacher approval for enrollment.

DUAL ENROLLMENT COURSES

Dual enrollment courses allow students to earn both high school credit and college credit through a post-secondary institution simultaneously.

Students may enroll in courses at a post-secondary institution for which the Camp Hill School District has an articulation agreement. Courses may be taken on the college campus, virtually or through a hybrid model. The student must meet the entrance requirements for the post-secondary institution. Students who wish to enroll in courses at a post-secondary institution for which the Camp Hill School District does not have an articulation agreement, can contact their school counselor for the necessary steps for approval.

All college and tuition costs, including all fees, materials and transportation shall be the responsibility of the student/parents/guardians.

The student is responsible for providing a college transcript to the High School Counseling Center prior to receiving credit for the course.

College courses will appear on the high school report card and transcript. A grade of “S” for Satisfactory will be granted when a passing grade is earned at the post-secondary institution. A grade of “U” for Unsatisfactory will be given for a grade that is not considered passing at the post-secondary institution. For each college course with a satisfactory grade, one high school credit will be awarded. The grade for a dual enrollment course is not used in the calculation of the grade point average. Students must have approval from their counselor and follow the procedural process for enrolling prior to registering for a course.

COLLEGE IN THE HIGH SCHOOL COURSEWORK

College in the High School courses are taught by Camp Hill School District faculty who qualify to serve as an adjunct professor at the post-secondary institution with which the District has an articulation agreement. These courses have been approved as dual high school/college courses, and students will receive both high school and college credit through the post-secondary institution.

The student must meet the eligibility requirements and follow the procedures as defined by the district and the post-secondary institution.

The student must meet the course prerequisites of the district as defined in the course planning guide.

With the exception of materials and texts, which may be provided by the District, all costs and fees associated with earning post-secondary credit shall be the responsibility of the student/parents/guardians.

The College in the High School courses are: AP Government & Politics, AP Statistics, AP Calculus AB, AP Physics I, Honors Chemistry, and AP Biology. Students must determine by the college’s deadline if they wish to complete the application process to earn college credit.

DISTANCE LEARNING COURSES

Students may take administratively approved courses throughout their high school career to fulfill the graduation requirements. The grade and credit earned will be recorded on the student's permanent record. **The grade will not be used in the calculation of a student's GPA unless the course is an approved online course.**

For Required Courses: A student may take a required course via distance learning, ONLY if that course cannot be scheduled in his/her regular classroom schedule. If the required course can be taken through CHSD, then that student will not be permitted to substitute a distance learning course for that subject, unless approved by the high school principal. Students taking a distance learning course over the summer months for enrichment or to advance to a higher-level course for the upcoming school year, must have prior approval from the current curriculum teacher, the teacher of the course in which the student is seeking placement for the following year, the high school counselor and the principal. Students must finish the coursework and take the midterm and final exam of the CHHS equivalent course by the date specified when the request was made. Students must pass the mid-term exam and final exam of the equivalent CHHS course as specified in the course description, and meet all prerequisites for the course for which they are seeking placement in order to gain entry to the desired course. Tuition and fees associated with the distance learning course are the responsibility of the student.
For Elective Courses: A student may take distance learning courses as electives. These electives must be approved by the high school principal, and tuition and fees are the responsibility of the student. Students wanting to enroll in more than one credit of distance learning courses in any given school year must receive approval from the high school principal.

LION ACADEMY

Camp Hill School District offers a full-time and part-time remote learning option through the Capital Area Online Learning Association (CAOLA). CAOLA is a collaborative effort between CAIU, member school districts, and Intermediate Units to provide online learning options for students. CAOLA's web-based courses meet the increasing demand for high quality student instruction that incorporate proven online learning practices and next generation software.

High school students, in consultation with and approval from their counselor and distance learning coordinator, are permitted to take CAOLA courses through the Lion Academy to supplement courses on their schedule. An online course may not be taken in place of required course offered in-person at CHHS unless approved by the principal. Students may take up to one full credit of online courses each school year. The most up to date list of courses is available at: https://caiu.geniussis.com/PublicStudentCourseList.aspx?aid=162

Students interested in these online courses can speak to their counselor or the Distance Learning Coordinator for more information.

SPECIAL EDUCATION PROGRAMS AND SERVICES

Camp Hill High School provides special educational programs to students which enable them to be involved and progress in the general curriculum. The educational program provided to children with disabilities is in accordance with their Individualized Education Programs under the Individuals with Disabilities Education Act. Students who are gifted are provided an education that enables them to participate in acceleration or enrichment programs as appropriate. Consistent with regulations of the Pennsylvania Department of Education, an individualized education program is developed for students identified as exceptional and in need of special education programming. Special education is provided to students through a continuum of services.

Students with disabilities are included within the regular education program to the greatest extent possible. In accordance with the student's Individualized Education Program, classes that closely approximate the regular education courses are offered in English, history, math, and science.

HONOR SOCIETIES AND SCHOLAR PROGRAMS

NATIONAL HONOR SOCIETY

The National Honor Society recognizes high school students who achieve academic excellence. Students who meet this standard and demonstrate leadership, good character and service to others are invited to join in the second semester of the junior year. Students must have a cumulative weighted GPA of 93% or higher. The cumulative GPA covers ninth and tenth grades and the first semester of eleventh grade.

MU ALPHA THETA

Mu Alpha Theta was founded in 1957 to promote scholarship and an appreciation of mathematics in high school and college education. Beginning in the 2023-24 school year, students meeting the criteria will be invited to join the honor society after the first marking period of the senior year. To qualify, students must have previously completed and passed Honors or AP Pre-Calculus. In the current school year students must be enrolled in AP Statistics, AP Calculus, Calculus 2, or an approved dual-enrollment mathematics course at the college algebra level or higher, and earn a 93% or higher in the course in the first marking period (or first semester for dually enrolled students).

WORLD LANGUAGE HONOR SOCIETY

The World Language Honor Society recognizes student achievement in world language(s) and encourages lifelong global learners. To be eligible for induction, students must be enrolled in a level 3 language study and have maintained a 93% average over the previous six marking periods. To continue membership, students must maintain a 90% average in their respective language.

GLOBAL SCHOLARS PROGRAM

Enrollment as a Global Scholar is a dual process done via course selection with the student's counselor and by completing a Certificate Enrollment with the program coordinator.

Global Scholars focus on acquiring the knowledge and skills needed to understand today's increasingly pluralistic and interdependent world. This involves study across multiple disciplines with attention to global issues and events. Students will elect courses that expose them to attitudinal and ethical dispositions of people of diverse geographies in an effort to foster respectful understanding and cooperation needed to become responsible and active citizens in our community and beyond.

Over the course of a student's four years as a high school student, they will need to take:

I. 4 years of one world language,
II. 4 *additional* credits that meet the "Global Focus" criteria:
    a. **Social Studies:** CP World History, CP Sociology, AP or CP Psychology, and CP Economics/Human Geography
    b. **Science:** Astronomy, or CP Environmental Science and Ecology
    c. **English:** CP Visual Media Studies, CP Journalism, CP English 9, Honors English 9, CP English 10, Honors English 10, English 12, CP English 12, and AP English Language and Composition
    d. **Music:** Concert Choir
    e. **World Language:** One or more years of an *additional* world language.
III. Participate in extracurricular activities or field trips
IV. Participate in 20 hours of service with a global focus
V. Submit 8 literature/media reviews (4 of which must be books). *A template for these Media Reviews will be provided by the program coordinator upon certificate Enrollment.*

ACCELERATION BY EXAMINATION

Acceleration by Exam allows a student to test out of one level of a sequential course to move to the next higher level in the course sequence without having taken the full course. Credit for the course itself is not given. To qualify for credit by examination, the student must score a 90% or above on a standardized examination for the subject. If no standardized examination is available, the teacher of the subject will construct the examination and have it approved by the principal. **The grade will be recorded on the student's cumulative record but the course will not appear on the student's transcript.** The student must complete the examination prior to the beginning of the school term. A student will be limited to taking one exam for placement credit per school year.

INDEPENDENT STUDY

Independent Study gives students the opportunity to engage in course material when they cannot add the course to their schedule or need more advanced or individualized instruction. To qualify for credit by independent study, the student will be required to have prior administrative approval of an independent study program planned and supervised by a faculty member of Camp Hill High School certified in the particular subject area. A student will be limited to earning one credit per school year through an independent study program.

ALTERNATIVE INSTRUCTION COURSES – CREDIT RECOVERY

Students who seek to receive credit for courses failed during the school year shall have the option of making up for the deficiency through successful completion of approved alternative instruction courses, if they have a final average in the failed course of fifty percent (50%) or greater. The principal shall approve the option prior to the commencement of the program.

HOURS, CREDITS, AND GRADES

1. A maximum of two credits may be made up in alternative instruction courses through a summer school program, tutoring, or a combination of each.
2. The minimum number of required hours of tutoring or summer school is 45 hours for a one credit course and 22.5 hours for .5 credit course.
3. A student must attain a passing grade in either option to be granted makeup credit. The grade will be recorded as passing (Satisfactory).
4. All summer course work must be completed by the date that was indicated prior to starting the remediation program.
5. Seniors who do not graduate may take the courses needed to meet graduation requirements through approved alternative instruction courses. The course work must be successfully completed by the first day of school in the next school year in order for the student to graduate with their class. Seniors who do not choose the summer option may re-enroll in the next school year as a senior (up to age 21), take the courses required for graduation and upon successful completion, graduate with the senior class for the year they are enrolled.
6. Seniors may also take the course(s) required for graduation in the summer immediately following the intended graduation date or during the following Fall semester only at an accredited post-secondary institution.

ADDITIONAL TUTORING REQUIREMENTS

1. Tutoring for makeup of failed courses will be limited to summer months from the close of school in June to the date indicated prior to starting the remediation program and will be at the student's and parent's expense.
2. The tutor must be approved by the administration with the necessary qualification being valid certification in the subject area being remediated.
3. Tutoring will be approved only on a ratio of one tutor to one student. No group tutoring will be accepted.
4. Upon completion of the minimum hour requirement, the student must score at least 60% on the final examination. This exam shall be constructed, administered, and scored by a member of the appropriate department.

NCAA APPROVED COURSEWORK

College-bound student-athletes interested in competing at a Division I or II school must be certified by the NCAA Eligibility Center to ensure they meet amateurism standards, and academic qualifications for college-level coursework.

Students can review the CHHS courses that are NCAA approved core courses with their counselor. The NCAA requires students to register online at the NCAA Eligibility Center.

CAREER PATHWAYS

Career pathways are clusters of related occupations that require varying levels of education and training. It is a way of organizing career and education information into categories to help students connect their interests with different types of occupations and the related levels of education and training needed for them. Today's success is dependent on matching a student's academics to their abilities and available career possibilities.

Throughout the elementary school experience, students explore career interests and are introduced to the multitude of career pathways. As students progress through middle school, they continue to research potential job paths and start to create a career plan. During a student's high school experience is when they advance their career plans and pathway opportunities, explore workforce needs and expectations, as well as solidify post-secondary plans.

Pennsylvania has five Career Pathways: Arts & Communications; Business, Finance & Technology; Engineering & Industrial Technology; Human Services and Science & Health. Utilizing these five pathways as a guide throughout high school helps students to make purposeful course selections based on their career interests, ensuring that upon graduation academic goals have been met and students are fully prepared for postsecondary options.

ARTS & COMMUNICATION



The Arts and Communication Pathway is designed to cultivate students' interests, awareness, and application to careers related to the application and production of visual, verbal and written work.

BUSINESS, FINANCE & INFORMATION TECHNOLOGY



The Business, Finance & Information Technology Pathway is designed to cultivate students' interests, awareness, and application to careers related to the world of business, finance, and information services.

ENGINEERING & INDUSTRIAL TECHNOLOGY



The Engineering & Industrial Pathway is designed to cultivate students' interests, awareness, and application to careers related to technologies necessary to design, develop and maintain physical systems

HUMAN SERVICES



The Human Services Pathway is designed to cultivate students' interests, awareness, and application to careers related to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.

SCIENCE & HEALTH



The Science & Health Pathway is designed to cultivate students' interests, awareness, and application to careers related to life, physical, and behavioral sciences. In addition, the planning, managing, and providing of therapeutic services, diagnostic services, health information and biochemistry research development.

ARTS & COMMUNICATION



The Arts & Communication Pathway is designed to cultivate students' awareness, interpretation, application and production of visual, verbal and written work.

Arts & Communication Pathway – What You'll Need

Are you interested in…

- News Reporting & Writing
- Multimedia Productions
- Acting, Singing, Dancing
- Radio, TV, Film, Video
- Band, Orchestra, Choir
- Drawing, Painting, Creative Writing

Can you…

- Sing
- Play an instrument
- Be creative
- Act
- Articulate clearly
- Write/Conduct interviews
- Meet deadlines
- Draw/Sculpture

Do you enjoy…

- Writing
- Making videos
- Working w/film props
- Seeking creative ideas
- Performing in front of a live audience
- Working w/computers

Camp Hill Arts & Communication Pathway Electives

9th Grade	10th Grade	11th Grade	12th Grade
CP Journalism	CP Journalism	CP Journalism	CP Journalism
	CP Creative Writing	CP Creative Writing	CP Creative Writing
		CP Cinematic Storytelling	CP Cinematic Storytelling
		CP Visual Media Studies	CP Visual Media Studies
Multimedia Drawing & Painting	Multimedia Drawing & Painting	Multimedia Drawing & Painting	Multimedia Drawing & Painting
Principles of Drawing & Painting	Principles of Drawing & Painting	Principles of Drawing & Painting	Principles of Drawing & Painting
3-Dimensional Art: Sculpture	3-Dimensional Art: Sculpture	3-Dimensional Art: Sculpture	3-Dimensional Art: Sculpture
3-Dimensional Art: Ceramics	3-Dimensional Art: Ceramics	3-Dimensional Art: Ceramics	3-Dimensional Art: Ceramics
		H. Art: Adv. Drawing & Painting	H. Art: Adv. Drawing & Painting
		H. Art: Portfolio Development	H. Art: Portfolio Development
National History Day Project	National History Day Project	National History Day Project	National History Day Project
Band	Band	Band	Band

Camp Hill Arts & Communication Pathway Electives			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
CP Music Theory/Composition	CP Music Theory/Composition	CP Music Theory/Composition	CP Music Theory/Composition
Music Technology & Production	Music Technology & Production	Music Technology & Production	Music Technology & Production
Concert Choir	Concert Choir	Concert Choir	Concert Choir
Digital Design I/II	Digital Design I/II	Digital Design I/II	Digital Design I/II
Architecture	Architecture	Architecture	Architecture
Technical Drawing	Technical Drawing	Technical Drawing	Technical Drawing
Technical Construction I/II	Technical Construction I/II	Technical Construction I/II	Technical Construction I/II
CP Lang I: French, German, Latin, Spanish	CP Lang I: French, German, Latin, Spanish		
CP Lang II: French, German, Latin, Spanish	CP Lang II: French, German, Latin, Spanish	CP Lang II: French, German, Latin, Spanish	CP Lang II: French, German, Latin, Spanish
	CP Lang III: French, German, Latin, Spanish	CP Lang III: French, German, Latin, Spanish	CP Lang III: French, German, Latin, Spanish
		H Lang IV: French, German, Latin, Spanish	H Lang IV: French, German, Latin, Spanish
			H Lang V: French, German, Latin, Spanish

Lion Academy	• Full Course Offerings
	• Industry Certification Opportunities
	• Example Courses:
	  ○ Theater, Cinema, and Film Production
	  ○ Interior Design, Fashion Design
	  ○ The Lord of The Rings
	  ○ American Sign Language

CTC Program Options	• Advertising Art & Design • Culinary Arts • Cosmetology • Horticulture/Landscaping
Career Connection Opportunities	• Internship and Work Study • Career Connection Field Trips

BUSINESS, FINANCE & INFORMATION TECHNOLOGY



The Business, Finance & Information Technology Pathway is designed to prepare students in the world of business, finance, and information services.

Business, Finance & Information Technology Pathway – What You'll Need		
Are you interested in…	*Can you…*	*Do you enjoy…*
• Business Environment • Office Management • Marketing & Sales • Computers & Technology • Web Development • Telecommunications • Advertising • Legal Issues • Accounting	• Work easily w/others • Organize time efficiently • Work w/statistics • Use computers & technology • Pay attention to details • Problem-solve • Work independently • Show initiative • Work on a team	• Meeting w/groups • Making budgets • Organizing a project • Planning an event • Working w/technology • Selling products & services • Processing numbers • Preparing financial reports • Following directions • Learning software programs

Camp Hill Business, Finance & Information Technology Pathway Electives			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
CP Journalism	CP Journalism	CP Journalism	CP Journalism
	CP Creative Writing	CP Creative Writing	CP Creative Writing
		CP Visual Media Studies	CP Visual Media Studies
Digital Design I/II	Digital Design I/II	Digital Design I/II	Digital Design I/II
Sequential math as recommended by teacher	Sequential math as recommended by teacher	Sequential math as recommended by teacher	Sequential math as recommended by teacher
		CP/AP Probability & Statistics	CP/AP Probability & Statistics
		AP US Government & Politics	AP US Government & Politics
			Economics/Human Geography & CP Economics/Human Geography

Lion Academy	• Full Course Offerings
	• Industry Certification Opportunities
	• Example Courses:
	  ○ Business Law
	  ○ Social Media Business Marketing
	  ○ Cybersecurity
	  ○ Entrepreneurship

CTC Program Options	• Computer Networking • Computer Programming • Advertising Art & Design
Career Connection Opportunities	• Internship and Work Study • Leadership Cumberland Junior Leadership Program • Career Connection Field Trips

ENGINEERING & INDUSTRIAL TECHNOLOGY



The Engineering & Industrial Technology Pathway is designed to cultivate students' interests, awareness, and application to careers related to technologies necessary to design, develop, install and maintain physical systems.

Engineering & Industrial Technology Pathway – What You'll Need		
Are you interested in…	*Can you…*	*Do you enjoy…*
• Building & Constructions • Tools & Equipment • Woodworking • Math & Science classes • Precision work • Design & Architecture • Computer Technology • How things work • Logistics	• Apply science & math to real world • Read/understand directions • Solve complete problems • Read maps • Organize reports & people • See a task through to completion • Use a computer	• Travel • Working w/your hands • Designing/working w/projects, models, prototypes • Working in a lab setting • Working on a team • Building w/your hands • Operating tools/equipment • Paying attention to detail

Camp Hill Engineering & Industrial Technology Pathway Electives			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Sequential math as recommended by teacher	Sequential math as recommended by teacher	Sequential math as recommended by teacher	Sequential math as recommended by teacher
		CP/AP Probability & Statistics	CP/AP Probability & Statistics
	CP Environmental Science	CP Environmental Science	CP Environmental Science
	Applied Science	Applied Science	Applied Science
	CP/H Chemistry; Chemistry Concepts & Applications;	CP/H/AP Chemistry; Chemistry Concepts & Applications; Biochemistry & Organic Chemistry	CP/H/AP Chemistry; Chemistry Concepts & Applications; Biochemistry & Organic Chemistry
	AP Biology	AP Biology	AP Biology
	CP/H/AP Physics (1 and C)	CP/H/AP Physics (1 and C)	CP/H/AP Physics (1 and C)
	H Anatomy & Physiology	H Anatomy & Physiology	H Anatomy & Physiology
		Astronomy	Astronomy
Science Fair Project	Science Fair Project	Science Fair Project	Science Fair Project
	CP Computer Science	CP Computer Science	CP Computer Science

Camp Hill Engineering & Industrial Technology Pathway Electives			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
	CP Robotics	CP Robotics	CP Robotics
Technical Construction I/II	Technical Construction I/II	Technical Construction I/II	Technical Construction I/II
Technical Drawing	Technical Drawing	Technical Drawing	Technical Drawing
Digital Design I/II	Digital Design I/II	Digital Design I/II	Digital Design I/II
Architecture	Architecture	Architecture	Architecture

Lion Academy	• Full Course Offerings
	• Industry Certification Opportunities
	• Example Courses:
	  ○ Architectural Design
	  ○ Coding
	  ○ Mechanical Engineering
	  ○ Manufacturing

CTC Program Options	• Advanced Manufacturing Technology • Automation, Robotics & Electronics • Welding Technology • Auto Collision Technology • Automotive Technology • Diesel Technology • Logistics & Warehouse Management • Carpentry • Electrical Construction & Maintenance • Heating/Ventilation/Air Conditioning (HVAC) • Masonry
Career Connection Opportunities	• Internship and Work Study • ACE Mentor Program • Career Connection Field Trips

SCIENCE & HEALTH



The Science & Health Pathway is designed to cultivate students' interest in life, physical, and behavioral sciences. In addition, the planning, managing, and providing of therapeutic services, diagnostic services, health information and biochemistry research development.

Science & Health Pathway – What You'll Need		
Are you interested in…	*Can you…*	*Do you enjoy…*
• Helping the environment • Designing things • Helping people/animals • Engineering • Mathematical models • Changing/Improving the world • Math/Science classes	• Work with a team • Communicate effectively • Develop solution options for problems • Be persistent when tackling a problem • Motivate others • Take constructive criticism	• Helping people & animals • Doing mathematical calculations • Solving problems • Communicating w/others • Thinking "outside the box" • Nature • Working with computers

Camp Hill Science & Health Pathway Electives			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
	Foods & Nutrition I/II	Foods & Nutrition I/II	Foods & Nutrition I/II
	Baking & Pastry Arts	Baking & Pastry Arts	Baking & Pastry Arts
Fit for Life	Fit for Life		
Team & Individual Sports	Team & Individual Sports		
	Personal Fitness	Personal Fitness	Personal Fitness
		Lifetime Sports	Lifetime Sports
		Physical Education/Leadership	Physical Education/Leadership
	Driver & Safety Education	Driver & Safety Education	Driver & Safety Education
Sequential math as recommended by teacher	Sequential math as recommended by teacher	Sequential math as recommended by teacher	Sequential math as recommended by teacher
		CP/AP Probability & Statistics	CP/AP Probability & Statistics
	CP Environmental Science	CP Environmental Science	CP Environmental Science
	Applied Science	Applied Science	Applied Science

Camp Hill Science & Health Pathway Electives			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
	CP/H Chemistry; Chemistry Concepts & Applications	CP/H/AP Chemistry; Chemistry Concepts & Applications; Biochemistry & Organic Chemistry	CP/H/AP Chemistry; Chemistry Concepts & Applications; Biochemistry & Organic Chemistry
	AP Biology	AP Biology	AP Biology
	CP/H/AP Physics (1 and C)	CP/H/AP Physics (1 and C)	CP/H/AP Physics (1 and C)
	H Anatomy & Physiology	H Anatomy & Physiology	H Anatomy & Physiology
		Astronomy	Astronomy
Science Fair Project	Science Fair Project	Science Fair Project	Science Fair Project
	CP Computer Science	CP Computer Science	CP Computer Science
	CP Robotics	CP Robotics	CP Robotics

Lion Academy	• Full Course Offerings
	• Industry Certification Opportunities
	• Example Courses:
	  ○ Nursing
	  ○ Sports Medicine
	  ○ Veterinary Science
	  ○ Biotechnology

CTC Program Options	• Dental Assisting • Healthcare Pathways • Emerging Health Professionals • Horticulture & Landscaping
Career Connection Opportunities	• Internship and Work Study • Penn State PULSE Program • Emergency Medical Technician (EMT) Program • Penn State Holy Spirit or UPMC Healthcare Career Exp. Program • Career Connection Field Trips

HUMAN SERVICES



The Human Services Pathway is designed to cultivate students' interests, skills and experiences for employment in careers related to family and human needs.

Human Services Pathway – What You'll Need		
Are you interested in…	*Can you…*	*Do you enjoy…*
• Working w/people • Owning your own business • Aging adults • Child development • Family & social services • Food preparation • Counseling	• Organize well • Plan & direct programs • Be creative • Communicate well • Assume leadership • Work w/ a team • Use interpersonal skills • Be conscientious & dependable • Plan budgets	• Communication services • Helping & protecting others • Working w/people • Counseling & advising people • Serving others' needs • Interviewing people • Selling products & services • Handling customer complaints

Camp Hill Human Services Pathway Electives			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Teen Living	Teen Living		
	Baking and Pastry Arts	Baking and Pastry Arts	Baking and Pastry Arts
		Adult Roles	Adult Roles
CP Journalism	CP Journalism	CP Journalism	CP Journalism
		CP Visual Media Studies	CP Visual Media Studies
	Foods & Nutrition I/II	Foods & Nutrition I/II	Foods & Nutrition I/II
	CP Sociology	CP Sociology	CP Sociology
		CP/AP Psychology	CP/AP Psychology
		AP US Government & Politics	AP US Government & Politics
	CP/H Chemistry; Chemistry Concepts & Applications;	CP/H/AP Chemistry; Chemistry Concepts & Applications; Biochemistry & Organic Chemistry	CP/H/AP Chemistry; Chemistry Concepts & Applications; Biochemistry & Organic Chemistry
	AP Biology	AP Biology	AP Biology

Camp Hill Human Services Pathway Electives			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
	H Anatomy & Physiology	H Anatomy & Physiology	H Anatomy & Physiology
Science Fair Project	Science Fair Project	Science Fair Project	Science Fair Project
CP Lang I: French, German, Latin, Spanish	CP Lang I: French, German, Latin, Spanish		
CP Lang II: French, German, Latin, Spanish	CP Lang II: French, German, Latin, Spanish	CP Lang II: French, German, Latin, Spanish	CP Lang II: French, German, Latin, Spanish
	CP Lang III: French, German, Latin, Spanish	CP Lang III: French, German, Latin, Spanish	CP Lang III: French, German, Latin, Spanish
		H Lang IV: French, German, Latin, Spanish	H Lang IV: French, German, Latin, Spanish
			H Lang V: French, German, Latin, Spanish

Lion Academy	• Full Course Offerings
	• Industry Certification Opportunities
	• Example Courses:
	  ○ Cosmetology
	  ○ Education and Teaching
	  ○ Hospitality and Tourism
	  ○ Culinary Arts

CTC Program Options	• Cosmetology • Criminal Justice • Culinary Arts • Early Childhood Education • Emerging Health Professionals Program
Career Connection Opportunities	• Internship and Work Study • Career Connection Field Trips • Shippensburg Early Childhood Education Program • Leadership Cumberland Junior Leadership Program • Emergency Medical Technician (EMT) Program • Penn State PULSE Program • Penn State Holy Spirit or UPMC Healthcare Exp. Program

EDUCATIONAL PLANNING

Camp Hill High School provides individual scheduling of student programs. Students and parents determine educational and/or vocational goals, and then the counselor, student, and parents cooperatively plan the best possible program to meet the individual student's goals.

This program guide should facilitate immediate and long-range planning. In selecting a program of courses, keep in mind that 40 academic periods are available each week.

Camp Hill School District guarantees all persons equal access to all categories of employment and to all educational programs, regardless of race, color, age, creed, religion, gender, ancestry, national origin, lifestyle, or handicap/disability.

COURSE DESCRIPTIONS

ART

PRINCIPLES OF DRAWING & PAINTING



Grades 9-12
5 Periods/Cycle for one semester
(.5 Credit) (1.0)

Students will have the opportunity to increase their understanding and appreciation of art through responding to and making two-dimensional visual images in a variety of media and techniques. Art skills will emphasize the basics of drawing as a foundation of all other media. Students will learn how to manipulate the design elements and principles of art. Potential media covered but not limited to: Pencil, Marker, Acrylic Paint, Printmaking, Chalk Pastel, Collage, and Digital Art. Special focus on: Critical thinking and expression through Abstraction, Expressionism, Graphic Arts, and Surrealism.

MULTIMEDIA DRAWING & PAINTING



Grades 9-12
5 Periods/Cycle for one semester
(.5 Credit) (1.0)

A course that introduces art through a two-dimensional, multimedia experience. Students will learn and apply the elements and principles of design to produce creative art projects that reflect their understanding of these concepts. The course is designed to provide students with the foundations of artistic expression. Potential media covered but not limited to: Printmaking, Pencil, Charcoal, Pen and Ink, Colored Pencil, Watercolor, Oil Pastel, and Digital Art. Special focus on: Realism through exploring Political and Social Commentary, Reactions to the Real World with regard to Figure, Portrait, Landscape Potential Subject Matter, Observational Drawing vs Photo Realism.

THREE-DIMENSIONAL ART: SCULPTURE



Grades 9-12
5 Periods/Cycle for one semester
(.5 Credit) (1.0)

Students will learn to manipulate the fundamental elements and principles of design through modeling, assembling, carving and casting. Using a variety of tools and media (such as plaster, wood, paper, found objects, etc.) students will construct three-dimensional objects. Creative growth and problem solving will be encouraged in the development of projects.

THREE-DIMENSIONAL ART: CERAMICS



Grades 9-12
5 Periods/Cycle for one semester
(.5 Credit) (1.0)

The creative possibilities of clay are explored using coil and pellet, slab, and sculptural construction methods. Students are encouraged to develop their own design ideas for a variety of functional and non-functional projects. Clay terminology and good studio habits are taught. Students should be willing to experiment, solve problems, and deal with the many variables encountered when working with materials.

HONORS ART: ADVANCED DRAWING & PAINTING



Grades 11-12
5 Periods/Cycle
(1 Credit) (1.050)
Prerequisite: Teacher recommendation

This course continues to explore two-dimensional design, drawing and painting. There is a focused concentration on developing individual style through realistic and non-objective subject matter using a variety of two and three-dimensional media. Research in art history, critical analysis, aesthetics, and art related careers would be studied. Students begin to develop a portfolio of work that demonstrates proficiency with media, observation skills, a range of values, breadth of content, depth of skills, expressive use of color, a strong understanding of composition and sketchbook planning.

HONORS ART: PORTFOLIO DEVELOPMENT



Grade 12
5 Periods/Cycle
(1 Credit) (1.050)
Prerequisite: Teacher recommendation

This is the final course in the advanced elective art program, and introduces students to portfolio development. Emphasis is placed on the development of an individual style and encouraging the creative process. Students develop their own ideas, based on techniques learned in earlier electives, along with the study and application of art history, to develop their own body of artwork. Students in this course choose an area(s) of concentration, which will prepare them for college entrance or a life-long appreciation of the arts.

CAREER DEVELOPMENT PROGRAMS

Career development programs supplement a student's educational course work to connect the needs of the job market and requirements of post-secondary schools. Students gain the ability to transfer knowledge learned throughout their high school years to an employment environment, explore possible careers of interest, and practice hands-on skills. Opportunities vary in length and scope and are offered at specific times during the school year. Some programs are chosen by the student during the course selection process, some are single day events that the student registers for through the Counseling Center, and others have an application and acceptance process.

Programs are managed by the high school counselors. Information about offerings can be found on the High School Counseling Center web page under College and Career Readiness Opportunities, Career Readiness Programs and Events Guide, Blackboard messages, Schoology, Twitter, and in the high school Counseling Center.

While not all programs are available each year, the following represent a snapshot of opportunities. *This list is not all-inclusive.*

Medical/Health-Related
Holy Spirit Healthcare Careers Exploration Program, UPMC Career Exploration Program, PULSE Program, Surgery Live, Business of Wellness, Healthcare Career Night

Math/Science/Engineering
HACC Engineering Day**,** ACE Mentor Program, Veterinary Science and Animal Science Career Connections, and Conservation, Girls in STEM, Engineering Career Explorations, and Natural Resources Career Exploration Day

Public Service
Government/Politics/Public Office Career Connections, Criminal Justice and Legal Studies Career Connections, Human Services Career Connections, and Hospitality/Tourism Career Connections

Leadership
Leadership Cumberland Junior Leadership Program, Hugh O'Brian Youth Leadership Program, and Rotary Youth Leadership Program

Trades/Technical
Apprenticeship Expo, Electrical Trades Expo, Focus on Agriculture Career Connections, Manufacturing Tour, Aircraft Maintenance Career Connections, and Tech 360

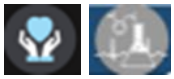
Business
Actuarial Science Career Day, Accounting and Finance Career Connections, Business of Baseball, Manufacturing Day, and Entrepreneurship Day

CAREER EXPLORATION

Grades 9-11
5 Periods/Cycle for one semester
(.5 Credit) (1.0)

Career Exploration is a required course taken in ninth, tenth or eleventh grade. Designed to assist students in becoming more aware of the role that interests, aptitudes, work values, and competencies play in connecting with prospective career opportunities, this course consists of several individual career assessments and inventories. This course will also promote the growing list of internship and work study opportunities offered through Camp Hill High School.

PENN STATE HERSHEY MEDICAL CENTER PULSE PROGRAM



Grades 9-12
Mondays, 4:00-6:30 p.m. from September- November
(.5 Credit) (Satisfactory/Unsatisfactory)
Prerequisite: Application submission in the year prior to attending

Offered by Penn State Hershey College of Medicine. This educational program is focused on helping students interested in science by providing opportunities to work in groups, develop scientific reasoning, interact with mentors, and gain an introduction to medicine from the perspective of a healthcare professional. The program is delivered by medical students in the form of lectures, problem-based learning sessions and active laboratory sessions.

ACE MENTOR PROGRAM



Grades 10-12
Thursday, 4:30-6:30 p.m. from October- March
(.5 Credit) (Satisfactory/Unsatisfactory)
Prerequisite: Application and fee

ACE (Architectural, Construction and Engineering Mentor Program) accepts application annually in the fall. Meetings are generally held on Thursdays (16 sessions from October through March) from 4:30-6:30 p.m. at the Cumberland Perry Area Career & Technical Center. Sessions include lectures by field professionals followed by hands-on projects. Topics include architecture; civil, structural, mechanical, and electrical engineering; system integration/scheduling; construction estimating and bidding; construction management; interior and landscape; finishes and safety.

LEADERSHIP CUMBERLAND JUNIOR LEADERSHIP PROGRAM



Grade 11
1 day/month from September- March
(.5 Credit) (Satisfactory/Unsatisfactory)
Prerequisite: Application submission in grade 10 and fee

The Junior Leadership program provides an opportunity to familiarize young leaders with the various elements that form a strong and dynamic community and to develop leadership skills. Students attend an orientation, a series of 6 full weekday sessions, a weekend community event and graduation.

INTERNSHIP



Grades 11-12
(Credit based on number of periods or hours)
(Satisfactory/Unsatisfactory)
Prerequisite: Prior approval from the Career Counselor

Internships are structured work activities that complement classroom learning. In exchange for the experience of exploring a spectrum of career skills in a single occupation or area of emphasis, students participating in internships will do so on an unpaid basis. Some internship programs require an interview and/or application. Students may also secure their own internship. Students participating in an internship program are required to complete StartSafe: Preparing for Work-Based Learning certification through the Career Safe online training provided by CHSD prior to starting their internship experience. Students learn about their rights and responsibilities in the workplace, how to identify common hazards, and ways to protect themselves and others. The course introduces key safety topics, including OSHA basics and common physical and health risks, all with the goal of helping students StartSafe & StaySafe.

SHIPPENSBURG UNIVERSITY EARLY CHILDHOOD EDUCATION (ECE) PROGRAM



Grades 11-12
15 Periods/Cycle
(2 credits for ECE Program per year and up to 9 dual enrollment credits)
(1.025- ECE Program) (Satisfactory/Unsatisfactory- dual enrollment)
Prerequisite: Application submission in grades 10 or 11 for following year

The Shippensburg University/ECE Dual Enrollment Program is for high school Juniors and Seniors who are interested in a career in education and want to “Earn and Learn”. The program combines classroom instruction in employability skills, on-the-job PAID training in an early learning facility, and dual enrollment in Shippensburg University’s early childcare online courses at no cost to the student. Students can earn Employability and OSHA Certifications, a Child Development Associate (CDA) Credential, and college credits towards a bachelor’s degree in early childhood education at Shippensburg University. This half-day program runs the duration of the school year in conjunction with the required high school curriculum. Students spend 4 half-days working at an early childhood facility and 1 half-day at CPACTC learning employability skills and completing online courses work. Cumberland Perry Area CTC works with students to find a childcare facility close to the student’s home. After graduation, students can continue the Shippensburg University’s Early Childcare Education Program TUITION FREE if they meet other program requirements. For more information https://ecepdo.org/.

EMERGENCY MEDICAL TECHNICIAN (EMT) PROGRAM



Grade 12
20 Periods/Cycle for one semester
(2 credits) (1.025)
Prerequisite: Application and fee

The EMT program is offered through the Carlisle EMS Academy. This 220-hour program serves as the foundation for emergency medical services, teaching students the overall roles and responsibilities of an EMT. The program prepares students to prioritize treatments and needs during the assessment of an ill or injured individual, perform basic life support measures when caring for an ill or injured individual, combine assessment findings with learned knowledge to develop a differential diagnosis, and apply knowledge acquired to sit for the National Registry of Emergency Medical Technical (NREMT) psychomotor and cognitive exams.

WORK STUDY PROGRAM



Grades 11-12
5-15 Periods/Cycle
(Credit based on number of periods or hours)
(Satisfactory/Unsatisfactory)
Prerequisite: Students must be at least 16 years of age and complete work study approval form. Prior approval from the Career Counselor

The Work Study program gives students hands-on experience in jobs related to their career interests and goals. Students are selected based on their commitment and enthusiasm for this opportunity. Each student is responsible for securing a work site where they can complete at least 15 hours per week during the school day. Grades are based on employer evaluations, attendance logs, reflection logs, and completion of StartSafe. All participants must sign a work study agreement along with a parent/guardian, employer, and school representative. Before starting their placement, students must complete the StartSafe: Preparing for Work-Based Learning certification through CareerSafe. This online training teaches workplace rights and responsibilities, how to identify and avoid common hazards, and key OSHA-related safety topics—all to help students StartSafe & StaySafe throughout their work experience.

EMERGING HEALTH PROFESSIONALS PROGRAM



Grade 12
20 Periods/Cycle
(2 credits for EMH Program, 2 dual enrollment credits from A&P courses, and 1 dual enrollment credit from online Med. Term. course) (1.025)
Prerequisite: Application submission in 11th grade

Messiah College and Harrisburg Area Community College in partnership with Cumberland Perry Area Career & Technical Center combines interactive learning and observation in numerous healthcare settings with college courses Anatomy & Physiology I and II. In a typical week student spend two half days in college courses on the college campus, two half days shadowing in a healthcare setting, and one-half day immersed in the EHP Program at CPACTC.

PENN STATE HOLY SPIRIT HEALTHCARE CAREER EXPLORATION PROGRAM



Grade 12
10 Periods/Cycle for marking period 1
(.5 credits) (Satisfactory/Unsatisfactory)
Prerequisite: Application submission in 11th grade
Through a partnership with Penn State Holy Spirit Hospital, students explore career opportunities of a large health care system. Students rotate through approximately 30 direct and non-direct patient care departments. Participation in this program is competitive and part of a partnership with ten other school districts.

UPMC HEALTHCARE CAREER EXPLORATION PROGRAM



Grade 12
15 periods/Cycle for one semester
(1.0 credit) (Satisfactory/Unsatisfactory)
Prerequisite: Application submission in 11th grade
Through a partnership with UPMC West Shore Hospital, students explore a wide range of careers within a major healthcare system. Students rotate through approximately 10 different departments, both direct and non-direct patient care, to learn about roles across the medical field. Before beginning their internship, students must complete the StartSafe: Preparing for Work-Based Learning certification through CareerSafe. This online training teaches students their workplace rights and responsibilities, how to identify common hazards, and how to keep themselves and others safe. It also introduces key OSHA-related safety topics, supporting students in learning to StartSafe & StaySafe during their work-study experience.

ENGLISH LANGUAGE DEVELOPMENT (ELD)

ELD SUPPORT

Grades 9-12
1-5 Periods/Cycle
(.2 credit per cycle day) (1.0)
Prerequisite: Must be identified as qualifying for ELL services.
This program is a supplemental class for English learners (ELs) of various proficiency levels, designed to meet their individual instructional needs. Students will receive direct English language instruction to enhance their reading, writing, speaking, and listening skills. Students will also receive support relating to assignments and content in other subject areas. For beginners, emphasis is placed on developing basic interpersonal communication skills in English in addition to general content area vocabulary acquisition. For intermediate and advanced students, the focus will be on deepening students' understanding of content vocabulary and improving both oral and written language. Grammar and correct usage will be stressed at all levels.

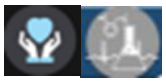
FAMILY & CONSUMER SCIENCE

TEEN LIVING



Grades 9-10
5 Periods/Cycle for one semester
(.5 credit) (1.0)
This is an exploratory course which highlights the four high elective options of the Family & Consumer Science department; community, clothing, food and nutrition, family living and human development.

FOODS & NUTRITION I



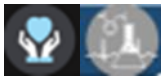
Grades 10-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
This course is designed to provide students with basic food and nutrition knowledge. Emphasis is placed on safety and sanitation, the Dietary Guidelines, nutrients, and the new MyPlate. This nutritional information will be taught through class activities and discussions, journals, posters, skits, presentations, and food laboratory experiences. Students will learn various food preparation skills, equipment use, recipe reading, and how to be a wise consumer. Students will also study foods by classification and may include topics such as
soups, salads, fruits, and vegetables.

FOODS & NUTRITION II



Grades 10-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
Prerequisite: Foods and Nutrition I with a 70% average
This is an elective sequential course in advanced food preparation. Students study foods by classifications and may include topics such as appetizers, pastry, cakes, breakfast, meat, poultry, foreign cookery, yeast breads, and seafood. Class activities include small projects and food lab experiences.

BAKING & PASTRY ARTS



Grades 10-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
This course provides students with a strong foundation in the principles and skills of professional baking. Through hands-on learning, students will master techniques in measuring, mixing, and preparing a wide array of baked goods, pastries, and confections. Emphasis is placed on understanding ingredient functions, proper kitchen safety and sanitation, and the science behind successful baking. Students will also develop creativity and attention to detail as they learn to design, decorate, and present their creations. This course prepares students for further study or entry-level opportunities in the culinary and hospitality industry.

ADULT ROLES



Grades 11-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
In this elective course, students will explore the complexities and responsibilities associated with being an adult. Personal finances, surviving your freshman year in college, interpersonal skills needed to live both independently and with a roommate, and the rules and responsibilities of dating, are some of the issues that will be explored.

GIFTED/SPECIAL EDUCATION

GIFTED EDUCATION
Grades 9-12
Prerequisite: Must be identified as qualifying for gifted services
In addition to rigorous honors courses that begin in grade 8, students have the option to enrich their current studies in an area of their interest. At the senior high level, honors and Advanced Placements courses in core subjects usually fulfill the needs of the older gifted student. However, independent study/mentoring can be coordinated through the gifted coordinator, based upon an individual's specific needs, strengths, goals, and interests.

COMMUNICATION SKILLS
Grades 9-12
2 Periods/Cycle
(.4 Credit) (Satisfactory/Unsatisfactory)
Prerequisite: Recommendation of Special Education Teacher
Communication skills is designed for students with social and behavioral needs. It focuses on pro-social and future focused real-life communication skills. Each year, the class is tailored to the needs of the students enrolled, and may include topics such as job interview skills, communicating rights under ADA, interpersonal communication, and interpreting body language, tone and intent of others for the development of successful relationship building and self-advocacy skills.

ENGLISH 9-12
Grades 9-12
5 Periods/Cycle
(1 Credit) (1.00)
Prerequisite: Recommendation of Special Education Teacher
This course designed to provide focused instruction and individualized support to students who require additional assistance in developing essential English language skills, including reading comprehension, writing mechanics, vocabulary building, grammar usage, and speaking fluency, to succeed in their academic coursework, with an emphasis on adapting strategies to meet each student's specific needs and learning style.

MATH 9-12
Grades 9-12
5 Periods/Cycle
(1 Credit) (1.00)
Prerequisite: Recommendation of Special Education Teacher
This course provides targeted instruction and support for students who require additional assistance in developing fundamental math skills. Math 9-12 focuses on building proficiency in core math concepts, such as geometry, pre-algebra, fractions, percentages, ratios, and practical math. Students will engage in guided practice and interactive lessons tailored to their needs. Problem-solving strategies, real-world applications, and the development of essential math skills are emphasized. Progress is monitored through ongoing and frequent assessments, and opportunities for individual student instruction are frequent. Math 9-12 aims to encourage math skill acquisition and the confidence necessary to transition to higher-level math courses.

LANGUAGE ARTS

The English curriculum provides students with the opportunity to acquire skills in English that are essential to academic success. Students in grades 9 and 10 will concentrate on critical PA common core skills in reading, speaking, writing, and listening. **No student will be allowed to take two required English courses simultaneously.**

ENGLISH 9
Grade 9
5 Periods/Cycle
(1 Credit) (1.00)
English 9 is designed to develop proficiency in language arts. Although emphasis is placed on the improvement of communication skills necessary to succeed in an increasingly competitive job market, this course is also appropriate for students considering enrolling in college. Students are challenged to read independently and critically to improve comprehension and vocabulary. The conventions of standard English grammar and usage are reviewed as part of the writing process to improve composition and oral expression through argumentative, explanatory, narrative, and literary analysis approaches.

CP ENGLISH 9

Grade 9
5 Periods/Cycle
(1 Credit) (1.025)

College Preparatory English 9 offers college-bound students a course of study to prepare for the more rigorous scholastic requirements of the post-secondary level. The course focuses on building upon established proficiencies in reading comprehension, grammar, vocabulary, and writing. Students are independent readers ready to grow as critical thinkers and writers. Literary discussions apply the formalist and mythological theories, as students are challenged to develop insights and make universal connections among particular works. Vocabulary units draw from both texts and literary selections, and serve to strengthen students' reading comprehension and writing style. The conventions of standard English grammar and usage are reviewed as part of the writing process to improve composition and oral expression through argumentative, explanatory, narrative, and literary analysis approaches.

HONORS ENGLISH 9

Grade 9
5 Periods/Cycle
(1 Credit) (1.050)

Prerequisites: An average of 88% in Honors English 8, teacher recommendation, and satisfactory completion of the summer reading and writing assignments issued at the end of 8th grade.

College Preparatory English 9 offers college-bound students a course of study to prepare for the more rigorous scholastic requirements of the post-secondary level. The course focuses on building upon established proficiencies in reading comprehension, grammar, vocabulary, and writing. Students are independent readers ready to grow as critical thinkers and writers. Literary discussions apply the formalist and mythological theories, as students are challenged to develop insights and make universal connections among particular works. Vocabulary units draw from both texts and literary selections, and serve to strengthen students' reading comprehension and writing style. The conventions of standard English grammar and usage are reviewed as part of the writing process to improve composition and oral expression through argumentative, explanatory, narrative, and literary analysis approaches.

ENGLISH 10

Grade 10
5 Periods/Cycle
(1 Credit) (1.00)

English 10 is designed to develop and build upon proficiency in basic language arts with a focus on World Literature. Using the Universality of the Human Experience, an emphasis is placed on the improvement of communication skills necessary to succeed in an increasingly competitive job market. This course is also appropriate for students considering college enrollment. Students read independently and critically to improve comprehension and vocabulary. The conventions of standard English grammar and usage are reviewed throughout the writing process to improve composition and oral expression. Argumentative, explanatory, narrative, and literary response writings will culminate in a well-developed literature-based research paper.

CP ENGLISH 10

Grade 10
5 Periods/Cycle
(1 Credit) (1.025)

College Preparatory English 10 offers the college-bound student a course of study to prepare for the more rigorous scholastic requirements of the post-secondary level, with a focus on World Literature. Using the Universality of the Human Experience, studies include close examination of social, historical, and cultural values reflected in the literature. Students continue to grow as critical thinkers and writers, as they analyze, interpret, and evaluate authors' style and technique, explore patterns in literature, and make connections among various works. Argumentative, explanatory, narrative and literary response writings with a research paper as the culminating project.

HONORS ENGLISH 10

Grade 10
5 Periods/Cycle
(1 Credit) (1.050)

Prerequisites: Teacher recommendation and satisfactory completion of the summer reading and writing assignments issued at the end of 9th grade

Honors English 10 is designed for the verbally talented, highly motivated student who is committed to pursuing Advanced Placement English courses in the high school curriculum. Building upon abilities demonstrated in grade 9, students work as independent, critical thinkers with application of careful, deliberate reading with a focus on World Literature. Using the Universality of the Human Experience, studies include close examination of social, historical, and cultural values reflected in the literature. An Honors student is ready to perform as an on-demand writer, to share literary insight during daily class discussion, and to showcase original scholarship in a four to five-page literary research paper. Composition will include frequent explanatory, narrative and literary response essays.

ENGLISH 11

Grade 11
5 Periods/Cycle
(1 Credit) (1.00)

This course offers a study of fiction and non-fiction for practical usage. Although emphasis will be placed on the improvement of communication skills necessary to succeed in civic life and an increasingly competitive job market, this course is also appropriate for students considering college enrollment. Narrowing their exploration of the Universal Human Experience from the sophomore level, students will shape their own views on what it means to be an American in a global context. Students will apply appropriate strategies to analyze, interpret, and evaluate artists' use of techniques and elements of fiction and non-fiction across media (documentary, print, fine art, music, etc.) for rhetorical and aesthetic purposes. They will produce argumentative, explanatory, narrative and literary response writings. Satisfactory completion of an argumentative research project and a formal presentation showcasing their scholarship are required.

CP ENGLISH 11

Grade 11
5 Periods/Cycle
(1 Credit) (1.025)

College Preparatory English 11 offers college-bound students a course of study to prepare for the rigorous scholastic requirements of the post-secondary level. Narrowing their exploration of the Universal Human Experience from the sophomore level, students will shape their own views on what it means to be an American in a global context. Students will apply appropriate strategies to analyze, interpret, and evaluate artists' use of techniques and elements of fiction and non-fiction across media (documentary, print, fine art, music, etc.) for rhetorical and aesthetic purposes. Students will continue to explore patterns in literature, as well as employ these patterns in their own writing as they produce argumentative, explanatory, narrative and literary response writings. Satisfactory completion of an argumentative research project and a formal presentation showcasing their scholarship is required.

AP LANGUAGE AND COMPOSITION

Grade 11
5 Periods/Cycle
(1 Credit) (1.075)

Prerequisites: Teacher recommendation and satisfactory completion of the summer reading and writing assignments issued at the end of 10th grade. **There is a required summer assignment for this course that must be satisfactorily completed.**

The Advanced Placement English Language and Composition course offers the verbally talented, highly motivated junior the opportunity to earn credit or advanced standing at the college level. In accordance with The College Board's ® course suggestions, the subject matter is drawn from a variety of periods, disciplines, and rhetorical contexts, although most representative literature is non-fiction. As such, the course requires the careful, deliberate reading of representative works of personal essay, memoir, journalism, and expository prose from the 17th to 21st centuries, as well as contemporary non-traditional texts (photograph, advertisement, documentary, etc.). Students will shape their own views on what it means to be an American in a global context. Special emphasis will be placed on decoding the works' purpose, their rhetorical elements, as well as the strategies authors employ to achieve persuasive effect. An integral component of the AP course, composition will include frequent explanatory, persuasive, narrative and literary response essays, with an emphasis on developing stylistic maturity. Satisfactory completion of an argumentative research project and a formal presentation showcasing their scholarship are required. AP students must be willing to embrace the challenges of reading and writing on demand, as well as the pacing demands of a college-level English course.

ENGLISH 12

Grade 12
5 Periods/Cycle
(1 Credit) (1.00)

The English 12 course offers a study of relevant American fiction and non-fiction for practical use and application. Although emphasis will be placed on the improvement of communication skills necessary to succeed in an increasingly competitive job market, this course is also appropriate for students considering enrolling in college. Students will cultivate cultural literacy through an exploration of the myths that dominate U.S. culture, particularly those propagated in American literature. They will produce argumentative, explanatory, narrative and literary response writings. Satisfactory completion of a three- to five-page research paper on American visual artists and a formal presentation showcasing their scholarship are required.

CP ENGLISH 12

Grade 12
5 Periods/Cycle
(1 Credit) (1.025)

College Preparatory English 12 offers college-bound students a course of study to prepare for the more rigorous scholastic requirements of the post-secondary level. In this course, students will explore the myths that dominate U.S. culture through a thematic study of American literature. As they investigate these cultural myths and their deeply-rooted assumptions, students will shape their own views on what it means to be an American in the 21st century. Students will apply appropriate strategies to analyze, interpret, and evaluate the authors' use of techniques and elements of fiction and non-fiction for rhetorical and aesthetic purposes. Building upon the literary theories introduced in grades 9 and 10 (formalist, mythological, historical/cultural, and gender studies), the course of study will emphasize the application of structuralist, Marxist, and psychoanalytic theories. Students will continue to explore patterns in literature (major themes, literary models, narrative devices, form, etc.). Students will produce argumentative, explanatory, narrative and literary response writings. Satisfactory completion of a five to seven-page research paper and a formal presentation showcasing their scholarship are required.

AP LITERATURE AND COMPOSITION

Grade 12
5 Periods/Cycle
(1 Credit) (1.075)

Prerequisites: Teacher recommendation and satisfactory completion of the summer reading and writing assignments issued at the end of 11th grade. **There is a required summer assignment for this course that must be satisfactorily completed.**

The Advanced Placement English Literature and Composition course offers the verbally talented, highly motivated senior the opportunity to earn credit or advanced standing at the college level. The course requires the careful, deliberate reading of representative works of American poetry, drama, fiction and expository prose from the seventeenth to 21st centuries. Specifically, students will explore the myths that dominate U.S. culture through a thematic study of American literature. Looking beyond these cultural myths and the assumptions entrenched within them, students will shape their own views on what it means to be an American in the 21st century. Special emphasis will be placed on considering the works' artistry, as well as the social, cultural, and historical values reflected and embodied in the literature. Building upon the literary theories introduced in grades 9 and 10 (formalist, mythological, historical/cultural, and gender studies), the course of study will emphasize the application of biographical, psychoanalytic, political and deconstruction theories. Students will continue to explore patterns in literature, in particular, those from major themes, literary models, narrative devices, and form. An integral component of the AP course, composition will include frequent explanatory, narrative and literary response essays. Emphasis will be placed on developing stylistic maturity. As independent scholars, students will compose a six to eight-page literary research paper and share their scholarship with their peers. AP students must be willing to embrace the challenges of reading and writing on demand, as well as the pacing demands of a college level English course.

ELD ENGLISH

Grades 9-12
5 Periods/Cycle
(1 Credit) (1.00)
Prerequisites: Recommendation from ELD teacher.

ELD English is designed for English Learners (ELs) with beginning English language proficiency. In this course, students will develop speaking, listening, reading, and writing skills using thematic literature units. Through the reading of a variety of literary genres, students will study elements of literature in addition to developing vocabulary and building grammar skills. Students will also learn how to construct strong paragraphs and well-developed essays. Speaking and listening skills will be fostered through interactive lessons, class discussions, and graded oral responses.

CP VISUAL MEDIA STUDIES



Grades 11-12
5 Periods/Cycle for one semester
(.5 credit) (1.025)
Prerequisites: Successful completion of Honors/CP English 10 or 11 with an 80% or better, or successful completion of English 10 or 11 with a 90% or better and recommendation from the current English teacher.

Students will learn how to critically engage a variety of visual media from the 20th and 21st centuries; a major emphasis of study is film. Study also includes television, advertisements, photography, painting, sculpture, architecture, interior design, and new media (Internet, video games, augmented/virtual reality, etc.). Students will compare, critique, and research visual media, consider their origin, contemplate their intent, and analyze their impact on individual and various cultures and subcultures. Assessments will include multimedia presentations as well as creative, reflective, and critical essays. **(Offered 2026-27)**

CP CREATIVE WRITING



Grades 10-12
5 Periods/Cycle for one semester
(.5 credit) (1.025)

This is an elective course for students who enjoy creative writing and want to improve their skills in writing poetry, short stories, sci-fi/fantasy and drama. Students will learn to structure their creative writing, to apply literary devices, to employ literary conflict, and to create dialogue. Where appropriate, students may prepare their best work for entry in creative writing competitions such as Scholastic, and/or for submission to literary magazines. A portfolio of the student's writing in several genres, showing revisions and improvements, will be the basis for a percentage grade. The goal of the class is to provide creative students with an opportunity to develop their strengths. **(Offered 2026-27)**

CP CINEMATIC STORYTELLING



Grades 11-12
5 Periods/Cycle for one semester
(.5 credit) (1.025)

This course offers a fresh, engaging way to explore storytelling through contemporary mini-series and limited streaming series (e.g., The Queen's Gambit, Chernobyl). Students will analyze how creators use narrative, visuals, and sound to craft powerful, binge-worthy stories that engage with real-world topics. With a mix of narrative and cinematic theory, we'll engage with both the shows themselves (screened in class) and published criticism, and apply what we learn to create our own scenes. This course goes beyond traditional analysis, developing students' skills in media literacy, writing, and storytelling. Whether you're passionate about film or just love a good story, this class will open your eyes to how what we watch shapes our understanding of the world. **(Offered 2027-28)**

CP JOURNALISM



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.025)

Prerequisites: Completion of current English course with an 85%, or completion of current English course with a 80% and English teacher's recommendation.

In this introduction to American journalism, students will examine the essential principles of journalistic style, ethics, and design. Students will research and report on legal issues surrounding the media, the First Amendment, and high school press. The class will frequently discuss and synthesize conclusions to ethical concerns posed in contemporary news media. In this endeavor, students will hone the skills needed to produce a high-quality publication, adhering to ethical standards of journalism with the purpose of becoming more observant, engaged citizens. **(Offered 2027-28)**

MATHEMATICS

8TH GRADE	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Math 8	Intro. to Algebra 1	CP Algebra 1	Applied Geometry	Intro. to Algebra 2
Algebra 1	CP Geometry	CP Algebra 2	College Algebra or CP Precalculus	CP Precalculus or CP Calculus
H. Algebra 1	H. Geometry	H. Algebra 2	AP Precalculus	AP Calculus
H. Geometry	H. Algebra 2	AP Precalculus	AP Calculus	Calculus 2

The above chart displays the math sequence that most students will follow. However, a student's individual needs and skill level will determine the best course for that student. The student's teacher will recommend the course that is the best fit for the student. The student must also meet all course prerequisites.

INTRODUCTION TO ALGEBRA I

Grades 9-11
5 Periods/Cycle
(1 Credit) (1.0)

Introduction to Algebra I is a course to prepare students for CP Algebra I. In this course the student develops an understanding and appreciation of some of the algebraic structure as a basis for the techniques of algebra. Students are required to build a foundation of principles related to the real number system. Sets, the number line, operation with numbers using arithmetic, the real numbers, linear equations and their applications, systems of linear equations, inequalities, the real number plane, relations, functions and variations are all studied in detail.

CP ALGEBRA I

Grades 9-12
5 Periods/Cycle
(1 Credit) (1.0)
Prerequisite: Pre-Algebra with at least an 80% final average or successful completion of Introduction to Algebra I.

Algebra is a study of the properties and relations of numbers and of symbols representing numbers. Here the student develops an understanding and appreciation of some of the algebraic structure as a basis for the techniques of algebra. Students are required to build a foundation of principles related to the real number system. Sets, the number line, operation with numbers using arithmetic, the real numbers, operations with polynomials, equations (linear & quadratic) and their applications, products, factors, exponents and roots, the real number plane, radicals, relations, functions and variations are all studied in detail. A graphing calculator has been integrated throughout this course and is recommended. At the end of the course, students will take the Algebra Keystone Exam. As a graduation requirement, students must achieve a score of Proficient or Advanced on the exam.

APPLIED GEOMETRY

Grades 9-12
5 Periods/Cycle
(1 Credit) (1.0)
Prerequisite: CP Algebra I

Applied Geometry is designed to provide students with a foundational understanding of the concepts and applications in Geometry. As compared to CP Geometry there is less focus on the theoretical (proofs) and instead the students' attention is directed towards skills and practice and application within a real-world context.

CP GEOMETRY/HONORS GEOMETRY

Grades 9-12
5 Periods/Cycle
(1 Credit) (CP 1.025 /Honors 1.050)
Prerequisite: CP Algebra I with at least an 80% final average recommended. For Honors Geometry an 88% in Honors Algebra I is required.

This course includes both plane and solid geometry along with an introduction to trigonometry and coordinate geometry. Units of study include form and logical structure, geometric figures, logic, and problem solving.

INTRODUCTION TO ALGEBRA II

Grades 9-12
5 Periods/Cycle
(1 Credit) (1.0)
Prerequisite: CP Algebra I

This course remediates the topics from CP Algebra I through review and practice (followed by retake of the Algebra 1 Keystone Exam in May for those students who need to do so). The course then proceeds to introduce students to the Algebra II curriculum. It is especially designed to bridge the gap between CP Algebra I and CP Algebra II and is recommended for students with a Basic or Below Basic on the Algebra 1 Keystone Exam and is also recommended that students with an average of less than 80% in CP Algebra I schedule this course before proceeding to CP Algebra II. Students will continue using a TI-84 graphing calculator in class.

CP ALGEBRA II / HONORS ALGEBRA II

5 Periods/Cycle
(1 Credit) (CP 1.025 / Honors 1.050)
Prerequisite: For CP Algebra II – 80% in CP Algebra I and CP Geometry recommended or completion of Introduction to Algebra II for Honors Algebra II - 88% in Honors Algebra I and Honors Geometry is required.

CP Algebra II is a modern second course in Algebra for students with above average ability and interest in mathematics. It assumes an understanding of the set of real numbers and algebraic expressions in one variable. Main units of study are polynomial, rational, exponential and logarithmic functions and their properties. Linear and quadratic relations and functions are studied in detail with particular emphasis on graphing in two dimensions. The course also includes the fundamental concepts of matrices and determinants, sequences and series, permutations, combinations, probability. A TI-84 graphing calculator will be integrated throughout the course.

COLLEGE ALGEBRA

5 Periods/Cycle
(1 Credit) (1.025)
Prerequisite: CP Algebra II

Designed for students who need additional background in Algebra before taking CP Precalculus. This is a college-level Algebra course that solidifies Algebra concepts necessary to be successful in CP Precalculus and higher-level math courses. Incorporated into this course is an introduction to trigonometry. After a review of previous Algebra concepts, main areas of studies include piecewise functions, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants, trigonometric functions and their applications, and an introduction to limits. Students will be using a TI-84 graphing calculator.

AP PRECALCULUS

Grades 11-12
5 Periods/Cycle
(1 Credit) (1.075)
Prerequisite: 88% in Algebra II Honors is required. **There is a required summer assignment for this course that must be satisfactorily completed.**
Designed for students who intend to take higher level mathematics courses in high school and college. Main areas of studies are the periodic nature of the circular function which relates angles with real numbers, the relationship among circular functions, identities and trigonometric equations, complex numbers and De Moivre's theorem. Geometric vectors and vectors are studied as ordered pairs of real numbers. The second semester is a standard course in coordinate geometry of two dimensions, giving emphasis to the study of the conic sections. The course includes a unit of study in Linear programming with its applications and an introduction to Limits. A TI-84 graphing calculator will be integrated throughout the course.

CP PRECALCULUS

Grades 11-12
5 Periods/Cycle
(1 Credit) (1.025)
Prerequisite: College Algebra or CP Algebra II with 80% final average required.
A course designed for students who intend to progress to higher level mathematics courses in high school and college. The primary overarching focus of Pre-Calculus is to discover connections between the algebraic, geometric, numerical, and graphical realms of mathematics and to improve students' ability to understand and learn mathematics as an interconnected whole. Topics studied include the 12 primary parent functions and graphical transformations; polynomial, rational, and exponential functions; logarithms; matrices; conics; combinatorics; probability; statistics; sequences; series; trigonometric functions, identities, graphs, and applications. Students will continue utilizing the TI-84 graphing calculator to enhance learning.

CP CALCULUS

5 Periods/Cycle
(1 Credit) (1.025)
Prerequisite: CP Precalculus with an 80% final average required.
A course designed for the student planning to take calculus as a required course in their college curriculum major. Included in the study are: functions, limits, continuity, differentiation, and integration of algebraic, trigonometric, and transcendental functions. A TI 84 graphing calculator is required for the course and is integrated regularly. Students will gain a broad understanding of all Calculus topics and should not plan to take the AP exam.

AP CALCULUS AB

5 Periods/Cycle
(1 Credit) (1.075)
College in the High School course
Prerequisite: Honors or AP Pre-calculus with an 80% final average recommended.
There is a required summer assignment for this course that must be satisfactorily completed.
A course designed for the student who intends to major in mathematics, the sciences, engineering, or business administration in college. Included in the study are functions, limits and continuity, differentiation and integration of algebraic and transcendental functions with applications, methods of integration, parametric equations, and infinite series. A TI-89 graphing calculator has been integrated throughout the course.

CALCULUS 2

5 Periods/Cycle
(1 Credit) (1.075)
Prerequisite: AP Calculus with an 85% final average recommended.
A course designed for the student who already took AP Calculus and who intends to major in mathematics, sciences or a related field. Topics include higher level integration, series and sequences, vectors, arc-length, polar and parametric, convergence and divergence. A TI-89 Calculator will be integrated throughout the course.

PERSONAL FINANCE MATHEMATICS

Grades 11-12 (Graduation requirement starting with Class of 2026)
5 Periods/Cycle
(.5 credit) (1.00)
Personal Finance Mathematics aims to enhance students' understanding of how mathematics can be applied in personal and financial contexts. The curriculum covers essential topics such as gross and net income, record keeping, bank and credit union accounts, various interest types, budgeting, living costs, strategies for making wise purchases, setting financial goals, and understanding loans and credit cards, as well as taxes. Throughout the course, calculators will be used for various calculations, data interpretation, and reinforcing key concepts. Additionally, the class will incorporate numerous activities from the online platform, NGPF (Next Gen Personal Finance), to support learning.

CP PROBABILITY AND STATISTICS



5 Periods/Cycle
(1 Credit) (1.025)
Prerequisite: CP Algebra II
This is an elective course and should be taken in addition to a core mathematics course. CP Probability and statistics is designed for students who plan to enter such fields as economics, business, education, psychology, sociology, biology, medicine, mathematics, science, and engineering, which now require statistics for their effective pursuit. Main areas of studies include the following: the fundamental ideas of probability, elementary topics concerning the handling of numerical data and a thorough treatment of random variables and probability functions. Students will study important special cases of the binomial and normal variables and introduction to sampling. The course will conclude by studying the use of statistical methods in determining confidence intervals and significance levels and a discussion of statistical hypotheses test. A TI-84+ graphing calculator and Google Sheets, have been integrated throughout the course.

AP STATISTICS



5 Periods/Cycle
(1 Credit) (1.075)
College in the High School Course
Prerequisite: CP Precalculus with an 85% final average is recommended. Also, highly recommended is the completion of CP Probability and Statistics. **There is a required summer assignment for this course that must be satisfactorily completed.**
AP Statistics is designed for students who plan to enter a field where an extended study of statistics is required for its effective pursuit. Main areas of study include the following: exploring univariate and bivariate data, planning a study, probability and simulation, sampling distributions and statistical inference. A TI-84+ and Fathom have been integrated throughout the course. Lab and projects using software for structured inquiry are required.

MUSIC

MUSIC TECHNOLOGY AND PRODUCTION



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.00)
Students will be familiarized with the current uses of computers, synthesizers, recording hardware and software associated with the contemporary music industry while developing a foundation of music theory, composition, and musicianship. Students will explore the concepts of sound design, amplification, arranging and producing through the completion of various creative projects. Intended for students who are considering a career in music recording technology and/or looking to build a hobby that can potentially become a source of income. Through this course, students will develop the skills to sequence music (such as recording and editing) by creating original compositions using multiple track recording while also exploring current topics of the music industry. As this is a “project based” class students will be expected to meet strict deadlines as is the industry standard.

CP MUSIC COMPOSITION/THEORY



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.025)
Prerequisite: Instructor Approval
This course focuses on writing different styles of musical compositions in the Fine Arts Lab. The elements of music and composition taught in 9th grade music and Music Theory are applied to student's original compositions. These would include strong/weak melodies, chords, voice leading, key signature, tonal center, phrasing, theme, etc. The basic forms, including all keys, scales, intervals, and triads are introduced and applied through singing, keyboard participation, and music writing. Exercises for the mechanics of voice-leading in four-part harmony, exercises for the use of a definite harmonic progression in relation to other chords are applied to practical and simple forms of music. Various software programs are utilized to help students with various musical concepts such as harmony, pitch recognition, and part-writing/analysis.

BAND - SYMPHONIC/MARCHING AND PERCUSSION



Grades 9-12
3 Periods/Cycle + 1 sectional period
(.8 Credit) (1.00)
Prerequisite: Participation in summer band activities.
Band is a curricular course that involves participation in both Symphonic Band and Marching Band activities/ensembles. During the first marking period, members rehearse two evenings per week in preparation for performances at football games as well as adjudications. The first marking period assessment is based on the field show music as well as participation. The musicians are taught musical concepts through a wide variety of literature ranging from the Renaissance era through today's contemporary music. Students attend regularly scheduled small group sectionals each week which are designed to concentrate on individual playing technique. In addition to performing at marching band festivals, football games, winter and spring concerts, the band travels to a different adjudicated music festival each spring. Students may choose to participate in extracurricular ensembles including jazz band, holiday cheer and pit orchestra (spring musical production).

CONCERT CHOIR



Grades 9-12
3 Periods/Cycle + 1 sectional period
(.8 Credit) (1.00)
Concert Choir is a class designed to teach students the discipline involved in singing four-part harmony through the performance of Art music ranging from early Medieval compositions up to and including modern contemporary selections. Acapella works are performed to develop vocal blend and musicality. Students are expected to attend regularly scheduled vocal sectionals each week, which are designed to improve individual singing technique and style. The Senior High Chorus performs for the annual Winter and Spring concerts each school year. Students may also audition for our extra-curricular ensemble: Roar - an elite group of singers that perform during the concerts and at community events throughout the school year.

PHYSICAL EDUCATION, HEALTH & WELLNESS, AND DRIVER & SAFETY EDUCATION

Students are required to schedule 1.5 total credits in grades 9-12. Within the 1.5 credits, all students must have Health & Wellness and one PE course. One PE course is recommended in grade 9.

The PE curriculum is designed to target and support the PA and National Academic Standards for Health, Safety and Physical Education. Emphasis is placed on being active and providing skills necessary for students to become fit and healthy. The curriculum will provide students with the opportunity to exhibit a physically active lifestyle, to develop efficient movement and motor skill development, to achieve and maintain a health enhancing level of fitness, and to demonstrate responsible personal and social behavior in physical activity settings. Student assessment in PE is based upon class expectations and participation as outlined in the PE guidelines. All students must participate in fitness testing as part of the course requirements.

The Health & Wellness curriculum is designed to help students examine their lifestyles, select goals, develop plans, and make decisions to achieve and maintain optimum health and wellness. This involves choosing behaviors that prevent illness, accidents, and promote health for oneself and others. Emphasis is placed on developing the necessary skills to think critically, understand personal risks, and apply knowledge of health issues to promote wellness over a lifetime. A variety of learning modalities are used to convey information in these courses.

FIT FOR LIFE



Grades 9-10
5 Periods/Cycle for one semester
(.5 Credit) (Satisfactory/Unsatisfactory)
The ultimate goal of Physical Education is to improve students' quality of life through the promotion of lifelong health enhancing physical activity. Students will learn how to control weight, strengthen the heart, strengthen the body, relieve stress, avoid disease, improve self-confidence and improve overall quality and outlook on life. The course of study concentrates on lifetime fitness activities.

TEAM & INDIVIDUAL SPORTS



Grades 9-10
5 Periods/Cycle for one semester
(.5 Credit) (Satisfactory/Unsatisfactory)
This course is designed to provide learning experiences that will lead to the development of basic skills in team sports. In addition to skill acquisition, the course will focus on how to plan and implement the four stages of skill development in games through the use of extending, refining, and application tasks. An emphasis will be placed on the use of the game stages and movement framework as a guide for designing a variety of sport game experiences for students. Sports that may be covered include but are not limited to: tennis, pickleball, ultimate frisbee, basketball volleyball, floor hockey, handball, ultimate ball, flag football, softball/wiffle ball, frisbee golf, badminton, and golf.

PERSONAL FITNESS



Grades 10-12
5 Periods/Cycle for one semester
(.5 Credit) (Satisfactory/Unsatisfactory)
This course is designed to place an emphasis on improving the student's overall fitness level. Students will be responsible for designing and implementing their own individual fitness program. The course will encompass the following content areas: cardio-respiratory fitness, muscular strength and endurance, flexibility, weight training, nutrition, preventing common fitness injuries, the body's physiological and psychological response to exercise, plyometric training techniques, body shaping, and identifying and analyzing components of both aerobic and anaerobic conditioning.

LIFETIME SPORTS



Grades 11-12
5 Periods/Cycle for one semester
(.5 Credit) (Satisfactory/Unsatisfactory)
This course explores both team and individual sports and their respective training methods, rules and strategies. Through a combination of skill driven activities, weight training, muscular strength and endurance and game settings, students will gain an understanding of various sports and activities including but not limited to basketball, volleyball, tennis, soccer, ultimate frisbee, floor hockey, pickleball, badminton and more. Emphasis is placed on developing teamwork, leadership and communication skills while also improving physical fitness and athletic performance. Additionally, students will learn about the importance of sportsmanship and fair play in both personal and competitive settings.

HEALTH & WELLNESS

Grades 10-12
5 Periods/Cycle for one semester
(.5 Credit) (1.0)
The health curriculum is designed to target and support the academic standards adopted for Health, Safety and Physical Education at the state and national levels. This required course approaches health & wellness from a holistic perspective with a focus on risk and protective behaviors most prevalent in the teenage population. Topics covered include but are not limited to mental health, learning and personality, stress management, physical health, nutrition, chemical dependency, human development and sexuality, and disease management. The course focuses on the development of student health & wellness literacy and is designed to extend and enhance students' abilities to understand basic health & wellness information and services, and to use these resources to promote health & wellness while decreasing health risks over a lifetime.

DRIVER & SAFETY EDUCATION



Grades 10-12
5 Periods/Cycle for one semester
(.5 Credit) (1.0)

Part of this course is designed to assist students in becoming responsible drivers who are aware of and better able to manage risks of driving. It addresses such issues as resisting harmful peer and social pressures, exercising emotional control and developing social responsibility. Through this course the students will have the opportunity to learn the rules of the road, signs, road markings and basic driving skills, as well as to learn the meaning of risk and how to manage it. The primary focus is to minimize risk in the realm of driving. Behind the Wheel Instruction must be taken in addition to this course to fulfill the requirements for a State Certified Driver's Education Program. The "Behind the Wheel" program is not part of the curriculum. This program can be taken through any state certified driving school at parental expense. The other component of this course is designed to engage students in conversations in safety education. Topics include fire / carbon monoxide prevention, violence prevention, and workplace safety.

PHYSICAL EDUCATION/LEADERHSIP INTERNSHIP



Grades 11-12
5 Periods/Cycle for one semester
(.5 Credit) (1.0)

Prerequisite: Application and interview.

The PE department will accept no more than two applicants per middle school course. PE/ Leadership is a unique physical education experience where high school students have the opportunity to work with middle school students in their physical education settings. The class is designed for students to demonstrate leadership in collaborating with PE teachers in delivering instruction, assisting with exercises, and modeling LION PRIDE.

SCIENCE

CP BIOLOGY/HONORS BIOLOGY

Grade 9
5 Periods/Cycle
(1 Credit) (CP 1.025/ Honors 1.050)

Prerequisite: For Honors Biology an 93% average in 8th grade science class and Advanced or Proficient on the 8th grade science PSSA.

CP Biology is a rigorous first level Biology course that covers all the material necessary for success on the Biology Keystone exam. Students will start with biochemistry and move through topics such as genetics, evolution, and ecology. Cells and their needs will be pervasive throughout the course as well as how organisms change over time. A variety of resources will be utilized in addition to their textbook. Students will do many hands-on and lab-based activities in addition to the traditional coursework. The class is aligned with both Common Core and state standards to meet the requirements for the Keystone Exam. Honors students will be expected to move at a faster pace and to complete activities that will be more challenging in nature. The course will go into more detail and require good time management.

BIOLOGY

Grade 9
5 Periods/Cycle
(1 Credit) (1.0)

This conceptual biology course is designed to primarily cover the topics necessary for the Biology Keystone Exam and the state standards. It will benefit students who need extra repetition of material, more focus on fewer topics, and a differentiated pace from the other Biology courses. By narrowing the focus, the course will be able to better prepare students for the topics needed to be successful on the state assessment and in future science courses. The course will cover information students will need to know if planning to pursue post-secondary education. A variety of resources to work through the material as well as several different methods will be used.

ASTRONOMY



Grades 11-12
5 Periods/Cycle
(1 Credit) (1.0)

This course introduces the composition and structure of the universe as well as the conditions, properties, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the Solar System, the Sun-Earth Moon system, the Sun as a star, stars, galaxies and the Universe. The course gives a description of astronomical phenomena using the laws of physics. Although largely descriptive, the course will occasionally require the use of Algebra 1 level mathematics.

CP ENVIORNMENTAL SCIENCE AND ECOLOGY



Grades 10-12
5 periods/Cycle
(1 Credit) (1.025)

Prerequisite: CP Biology or Biology with teacher approval

This course offers a comprehensive exploration of environmental science and ecology, focusing the intricate interactions and impacts within and between natural and human systems. Students will delve into the interconnectedness of the multitude of factors within ecosystems, examining how these systems influence and sustain life on Earth. The coursework the students will be responsible for involves collaborative classwork, data analysis, simulations, and hands-on activities. All of these learning tools will be utilized to assist students in a journey to promote awareness and understanding of our relationship to the natural world around us and to prepare them for higher education in science.



APPLIED SCIENCE

Grades 10-12
5 Periods/Cycle
(1 Credit) (1.0)

A science elective for students who are pursuing careers in non-science or non-math-based fields. Students will learn about a variety of topics in science at a conceptual level and apply those concepts to real world situations. Topics of study include motion, energy, waves, heat, radiation, everyday chemistry, forensic science, electricity, and computer science



CP PHYSICS

Grades 10-12
5 Periods/Cycle
(1 Credit) (1.025)
Prerequisite: 75% in CP Algebra I and current or previous enrollment in CP Geometry

CP Physics is a science elective regarding the interaction of matter and energy. The topics of study include motion, force, energy, momentum, waves, electricity, and light. The goal of the course is for students to utilize physics concepts to explain everyday phenomena and utilize mathematical models to determine quantities related to an object's behavior. Learning occurs through the use of laboratory experiments, simulations, readings, lecture/discussion, and occasional project-based learning opportunities. Algebra skills are used heavily in this course.



CHEMISTRY: CONCEPTS & APPLICATIONS

Grades 10-12
5 Periods/Cycle
(1 Credit) (1.0)

This is a conceptual chemistry course designed for students interested in more practical applications of chemistry understandings. It is less focused on mathematical concepts that are intertwined in CP and Honors Chemistry. To that end, computations are only introduced where necessary to understand and apply knowledge of chemistry.

CP CHEMISTRY I/HONORS CHEMISTRY I



Grades 10-12
5 Periods/Cycle
(1 Credit) (CP 1.025 / Honors 1.050)
College in the High School course (Honors Chemistry I ONLY)
Prerequisite: For both CP and H Chem an 80% in CP Algebra is needed. For CP Chem, a 75% in CP or Honors Biology I is needed. For Honors Chemistry an 88% average in previous honors science class or 93% in previous college preparatory science class. Also required is an Advanced or Proficient score on the Algebra I and Biology Keystone State assessments.
Chemistry I is a general survey course designed to meet the needs of a wide range of students. There is emphasis on atomic and molecular structure, chemical nomenclature, physical and chemical changes and reactions, and basic chemical laws and theory. An effort is made to make chemical principles and knowledge relevant to today's energy and environmental problems. Laboratory investigations are an integral part of the course.

HONORS ANATOMY AND PHYSIOLOGY



Grades 10-12
5 Periods/Cycle
(1 Credit) (1.050)
Prerequisite: 85% in CP or Honors Biology
This will be a rigorous second year Biology course studying the anatomy and physiology of organisms. Various systems of the body including: histology, integumentary, skeletal, muscular, nervous, digestive, respiratory, and circulatory are studied. In addition, study includes cell structure and function as it relates to these systems. Students taking this course should be effective time managers, well organized, and have a strong interest in the course material. Dissection is a part of this course.

CP BIOCHEMISTRY/ORGANIC CHEMISTRY



Grades 11-12
5 Periods/Cycle
(1 Credit) (1.025)
Prerequisite: 85% in CP or Honors Biology and an 85% in CP or Honors Chemistry
CP Biochemistry/Organic Chemistry is an application course of Biology and Chemistry where students will apply content from these courses to topics such as: chemical reactions, reaction mechanisms, plastics, blood typing, nutrition, pharmacology/drug interactions, medical testing, soap, disease, the science behind scents and odors, industrial processes with gas and oils, forensics, processes in the body, staining cells, and applications of enzymes.

AP CHEMISTRY



Grades 11-12
6 Periods/Cycle
(1 Credit) (1.075)
Prerequisite: 90% in CP or Honors Chemistry, completion of CP Algebra II Recommended: Advanced or Proficient on the Keystone Algebra 1 exam

AP Chemistry is an advanced science elective designed for students who plan to major in a science or medical field, and is designed to be the equivalent of the general chemistry course usually taken during the first year of college. Topics of study include: Atomic structure and properties, Molecular and Ionic Compound Structure and Properties, Intermolecular Forces and Properties, Chemical Reactions, Kinetics, Thermodynamics, Equilibrium, Acids and Bases, and Applications of Thermodynamics. In addition, AP Chemistry emphasizes several essential science practices. These include inquiry and critical thinking skills, problem solving, mathematical reasoning, directed and inquiry based experimental investigations, data collection strategies, data analysis and evaluation, as well as the use and interpretation of scientific explanations, theories and models. Laboratory work is an integral component of this course. Students are encouraged to take the Advanced Placement examination on completion of this course.

AP BIOLOGY



Grades 10-12
6 Periods/Cycle
(1 Credit) (1.075)
College in the High School course
Prerequisite: 88 % in CP Biology or Honors Biology and Proficient or Advanced on the Biology Keystone Exam. CP Chemistry is strongly recommended prior to the course. **There is a required summer assignment for this course that must be satisfactorily completed.**

AP Biology is an advanced science elective for students who are planning to major in Biology, Biochemistry or other health related fields. The course centers around four big ideas as well as seven Science Practices and has a large lab/inquiry component. The major units of study include: Chemistry of Life, Cell Structure and Function, Cellular Energetics, Cell Communication and the Cell Cycle, Heredity, Gene Expression and Regulation, Natural Selection and Ecology. The course will prepare students to take the AP Biology exam and will include common core standards. Good time management is a must to handle the demanding schedule the course requires.

AP PHYSICS 1



Grades 10-12
5 Periods/Cycle
(1 Credit) (1.075)
College in the High School course
Prerequisite: An 88% average in previous honors science class or 93% in previous college preparatory science course, an 85% or higher in Algebra 1, and current or previous enrollment in Honors or CP Algebra 2. **There is a required summer assignment for this course that must be satisfactorily completed.** Students who have previously taken CP or H Physics are not eligible to take AP Physics 1.
Previously H Physics, AP Physics I is an algebra-based, introductory college-level physics course Topics of study include motion, force, energy, momentum, rotational motion, oscillating motion, and fluids. These topics are presented with a heavy emphasis on the use of several science practices including creating representations, use of mathematical routines, and scientific argumentation. Learning occurs through the use of laboratory experiments, simulations, readings, lecture/discussion, and occasional project-based learning opportunities. Strong mathematical skills are a must for students taking AP Physics I.

AP PHYSICS C: MECHANICS



Grades 11-12
6 Periods/Cycle
(1 Credit) (1.075)
Prerequisite: 88% or higher in Honors Physics or 93% or higher in CP Physics with teacher recommendation. Current or previous enrollment in Calculus. **There is a required summer assignment for this course that must be satisfactorily completed.**
AP Physics C: Mechanics is a calculus-based science elective for students who are planning a college major in physics, engineering, mathematics, or other science. Classical mechanics and wave motion are studied through lecture, experiment, demonstration, and problem solving in preparation for the AP Physics C: Mechanics exam. **(Offered 2027-28)**

CP ROBOTICS



Grades 10-12
5 Periods/Cycle for one semester
(.5 Credit) (1.025)
Prerequisite: 75% or higher in Algebra 1 with teacher recommendation.
CP Robotics is designed to introduce students to basic concepts in the field of robotics. In groups, students will put concepts into action by designing, building, and testing robots that perform a variety of tasks. Topics of study include programming fundamentals, robot motion, use of sensors, designing claw and lever mechanisms, and controlling robot behavior. Learning occurs through the use of laboratory experiments, readings, lecture/discussion, and occasional project-based learning opportunities. **(Offered 2026-27)**

CP COMPUTER SCIENCE



Grades 10-12
5 Periods/Cycle for one semester
(.5 Credit) (1.025)
Prerequisite: 75% or higher in Algebra 1 with teacher recommendation.
CP Computer Science will introduce students to the field of computer science and the use of computers to solve problems. Topics of study include computer programming fundamentals, cybersecurity, artificial intelligence, and data analysis. Learning occurs through the use of laboratory experiments, readings, lecture/discussion, and occasional project-based learning opportunities. **(Offered 2026-27)**

SCIENCE FAIR PROJECT



Grades 9-12
Periods/Cycle determined by the teacher
(.25 Credit) (Satisfactory/Unsatisfactory)
Students may take this course each year. Students will work on a science fair project on a topic of their choice that will be designed to meet the requirements of the Capital Area Science and Engineering Fair. The expectation is that students will enter the project in the CASEF competition in March. Projects will be assessed utilizing a standard rubric that delineates the criteria / components of the project. Assistance will be provided by members of the science department and the science fair coordinator.

SOCIAL STUDIES

Social Studies courses provide an introduction to the literature and current thinking dealing with society, its origins, development and interrelations, so that the students may appreciate, evaluate and participate more fully in the world in which they live. The student is encouraged to develop a spirit of critical inquiry, to sharpen judgment in weighing and sifting evidence, and to interpret facts with humility, honesty, and imagination.

WORLD HISTORY

Grade 9
5 Periods/Cycle
(1 Credit) (1.0)
This course is designed to engage students in learning about the past and its impact on contemporary society, making history relevant and accessible to all learners. This course is designed to provide a comprehensive overview of World History from the Middle Ages to Modern Times. World History is designed to continue the student's study of world history by examining the changes and continuities in areas of government, economics, military, social, religion and art. Units of study include the Middle Ages, the Renaissance and Reformation, the Enlightenment, the French Revolution, World War I, World War II, the Cold War, and Modern Political.

CP WORLD HISTORY

Grade 9
5 Periods/Cycle
(1 Credit) (1.025)

The World History course is designed to provide a comprehensive overview of World History from the Middle Ages to Modern Times. World History is designed to continue the student's study of world history by examining the changes and continuities in areas of government, economics, military, social, religion and art. Units of study include the Middle Ages, the Renaissance and Reformation, the Enlightenment, the French Revolution, World War I, World War II, the Cold War, and Modern Political and Social Trends.

CIVICS AND GOVERNMENT

Grade 10
5 Periods/Cycle
(1 Credit) (1.0)

This course is designed to engage students in learning about civics and government in contemporary society, making the content relevant and accessible to all learners. The course will provide a comprehensive background for the understanding of United States citizenship and the foundations and operation of the American government. Students will apply this understanding to current event topics relevant to our nation and our future. The course will also emphasize and encourage civic participation by the students. We will focus on topics including but not limited to: The Role of Government, Principles and Basis for the American Constitution; Purpose and Function of the 3 Branches of the U.S. Government; The U.S. Government in Action; Citizenship and Individual Rights; Political Parties and Elections; and The Function of State and Local Governments.

CP CIVICS AND GOVERNMENT

Grade 10
5 Periods/Cycle
(1 Credit) (1.025)

The Civics and Government course will provide a comprehensive background for the understanding of United States citizenship and the foundations and operation of the American government. Students will apply this understanding to current event topics relevant to our nation and our future. The course will also emphasize and encourage civic participation by the students. We will focus on topics including but not limited to: The Role of Government, Principles and Basis for the American Constitution; Purpose and Function of the 3 Branches of the U.S. Government; The U.S. Government in Action; Citizenship and Individual Rights; Political Parties and Elections; and The Function of State and Local Governments.

TWENTIETH CENTURY AMERICAN HISTORY

Grade 11
5 Periods/Cycle
(1 Credit) (1.0)

This course is designed to engage students in learning about American History from the Progressive Era to the beginning of the 21st Century. Emphasis is placed on learning about various aspects of history in a way that is accessible to all learners. Units of study include the Progressive Era, World War I, The Roaring Twenties, The Great Depression, World War II, the Early Cold War Era, the Trauma of the 1960s and 1970s and the Postmodern Era of the 1980s and 1990s.

CP TWENTIETH CENTURY AMERICAN HISTORY

Grade 11
5 Periods/Cycle
(1 Credit) (1.025)

This course is a study of American ideals and institutions from the Progressive Era to the present time. Emphasis is on politics, economics, war and diplomacy, social and cultural trends, and cross-cultural interaction. Units of study include New Imperialism, the Progressive Era, World War I, the Roaring Twenties, the Great Depression, World War II, the Cold War, the Eisenhower Era, the Sixties, the Resurgence of Conservatism, and Facing a New Century.

ECONOMICS/HUMAN GEOGRAPHY



Grade 12
5 Periods/Cycle
(1 Credit) (1.0)

Economics is a course to engage students in learning about fundamental economic concepts and how those concepts relate to current real-world situations. Students will learn about everything from how a company decides on prices to how countries grow their economies in ways that are accessible to all learners. Human geography is a course to familiarize students with the different civilizations throughout the world, as well as how and why people in different parts of the world think and act differently. A mix of physical geography, history, and culture will be employed to contrast Western Civilization to East Asia, South Asia, Eastern Europe, the Middle East, Africa, and Latin America.

CP ECONOMICS/HUMAN GEOGRAPHY



Grade 12
5 Periods/Cycle
(1 credit) (1.025)

Economics is a course to provide the student with a fundamental literacy about economic concepts and contemporary problems; to develop an understanding of the nature and function of the Free Enterprise and competing economic systems; to introduce those who have contributed to economic thought by studying their lives, times, and ideas. Major units of study include Development of Capitalism; Free Enterprise System; How Prices Are Determined—Supply and Demand; Business Enterprise—Large and Small; Types of Investment; "The Stock Market Game," Monopoly and Competition; Measuring Economic Performance; The Business Cycle; Money and Banking and Fiscal and Monetary Policy. Human geography is a course to familiarize students with the different civilizations throughout the world, as well as how and why people in different parts of the world think and act differently. A mix of physical geography, history, and culture will be employed to contrast Western Civilization to East Asia, South Asia, Eastern Europe, the Middle East, Africa, and Latin America.

CP PSYCHOLOGY



Grades 11-12
5 Periods/Cycle
(1 credit) (1.025)

This course is an introduction to the study of psychology. The emphasis is on the scope, terminology, and the fundamental principles of psychology. Areas of study are psychological development; learning and remembering; motivation; feeling and emotion; sensory perception and individual differences. The goal of this course is to acquaint students with systematic study of human behavior.

CP SOCIOLOGY



Grades 10-12
5 periods/cycle
(1 credit) (1.025)

Sociology is designed to help the student understand himself, the nature of group life and the relationship of individuals to social groups. Techniques for identifying problems of society are examined and guidelines for finding solutions to those problems investigated. Units of Study: Social Institutions; Crime and Delinquency; Minority Groups; Poverty and Welfare; Urban Studies; Population Problems; American Cultural and Social Changes. Students must be willing to do reading outside of class and to actively participate in class discussions.

AP UNITED STATES HISTORY

Grades 11-12
5 Periods/Cycle
(1 credit) (1.075)
Prerequisite: Minimum average of 85% in social studies and CP English. The social studies department approval is required before admission will be finalized. **There is a required summer assignment for this course that must be satisfactorily completed.**

This college level course is designed to provide the students with the analytical skills and factual knowledge necessary to succeed in the Advanced Placement Exam. The successful completion of this exam, which will be administered during May of the next school year, could earn the student college credits and/or advanced college placement. This course examines American history from pre-Columbus to the present with a focus on cultural and social history integrated with the more traditional political, diplomatic, military, and economic aspects of our heritage. This course may be selected in lieu of the required eleventh grade Twentieth Century American history course.

AP PSYCHOLOGY



Grades 11-12
5 Periods/Cycle
(1 credit) (1.075)
Prerequisite: Minimum average of 85% in social studies and CP English or have passed CP Psychology with an 85% average. Social Studies department approval is required before admission will be finalized.

This college level course is designed to prepare students for the Advanced Placement Examination in Psychology. Only students with a genuine interest in the systematic study of human behavior and the human mind should apply for this course. In order to prepare for the AP Test, there will be extensive reading assignments as well as frequent tests and writing assignments on topics such as Research Methods, Neuroscience, Conditioning, Theories of Behavior, Psychological Disorders and Social Psychology.

AP UNITED STATES GOVERNMENT AND POLITICS



Grades 11-12
5 Periods/Cycle
(1 credit) (1.075)
Concurrent/College in the High School course
Prerequisite: Minimum average of 85% or higher in social studies and CP English for the previous two years. To be successful in this class, the student must be willing to engage in daily discussions and be well informed on current events.

This course will encompass the study of federal, state and local governments and voter behavior. Students will engage in analyzing and discussing the evolution of the American government since its creation. Topics that will be covered include, but are not limited to: The Constitution, Supreme Court cases, political parties, political theory, interest groups, civil rights, and public policy.

NATIONAL HISTORY DAY



Grades 9-12
Periods/Cycle determined by the teacher
(.25 credit) (Satisfactory/Unsatisfactory)
Prerequisite: Social Studies Teacher Recommendation
Students may take this course each year. In consultation with the National History Day advisor/s, students will engage in an independent study of history with application to the NHD theme in one of the following categories: paper, exhibit, performance, documentary, or website. Most work will be accomplished during the second and third marking periods. Participation in the National History Day regional competition at Messiah College is expected

TECHNOLOGY EDUCATION

TECHNICAL DRAWING



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
This elective is for students considering a career related to Engineering. Students are introduced to the use of traditional drawing boards and AutoCAD to produce mechanical drawings at a scale of 1:1 (full size). Students experience drawing geometric shapes, multi view drawings, isometrics, auxiliary and sectional views. Students must pay close attention to detail and apply drafting standards. Class time must be used wisely, drawings are demanding and meeting deadlines is crucial.

TECHNICAL CONSTRUCTION I



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
Students use wood, and metal to construct projects of personal interest. Exploration involves students designing and building these items. Students will complete at least one project using each of the materials. New tools will be introduced and safety protocols will be enforced.

TECHNICAL CONSTRUCTION II



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
Prerequisite: Technical Construction I with 80% average.
After successfully completing Technical Construction I, students will be involved with more advanced projects requiring them to learn new woodworking techniques. Students will also be exposed to entrepreneurial and basic marketing skills relevant to their final project.

ARCHITECTURE



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
Students use Google SketchUp to draw a set of plans for a single level home. Students select a plan from resource materials and then draw a set of related plans. Class discussion involves styles of home, methods of construction, construction procedures and trends in the industry.

DIGITAL DESIGN I



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
Students will explore the world of digital photography and use Adobe Photoshop and Adobe Illustrator to complete several individual projects. In digital photography, students will learn the basics of photographic composition and lighting, the basics of using a digital camera and the basics of preparing a digital darkroom. This course is designed for the student who has no background in photography. Students are encouraged to utilize their own digital camera for the course; however, if one is not available, one will be provided. Students will progress through the course, engaging in a variety of project-based assessments to evaluate their understanding using the above-mentioned technologies.

DIGITAL DESIGN II



Grades 9-12
5 Periods/Cycle for one semester
(.5 credit) (1.0)
Prerequisite: Digital Design I with 80% average.
Students will continue to use the Adobe creative suite to complete various project-based assessments. This course will also introduce students to the mechanics and elements of animation and web design.

WORLD LANGUAGES

The World Language department has a larger mission to educate students to become productive global citizens. In addition, the Pennsylvania Common Core Standards emphasize the development of reading, writing, speaking and listening skills. These four skill areas are at the core of World Language instruction. Students are engaged in learning to comprehend, speak, read, and write the language being studied on a daily basis. With increased proficiency in the language, students gradually acquire a deeper understanding of various cultures of the world, both past and present, their history, geography and literature, promoting international good will and appreciation of the diversity of our world. Level I classes are open for students in 8th to 10th grades. During the scheduling process, 8th and 9th graders are given preference in scheduling Level I classes. Levels IV and V are Honors classes with more rigorous prerequisite requirements.

CP FRENCH I



Grades 9-10
5 Periods/Cycle
(1 credit) (1.025)

In CP French I, students explore the diversity of the French-speaking world and develop the ability to communicate in meaningful ways using high-frequency vocabulary in the present tense. Emphasis is placed on comprehension and interaction through listening, speaking, reading, and writing. Using the Comprehensible Input (CI) approach, students naturally acquire language by hearing and reading French in meaningful contexts. Students use music, stories, and other authentic resources to explore the theme of "identity." By the end of the year, students will be able to respond with words and memorized sentences to questions that are asked of them in unscripted discourse and pertain to topics that are relevant to their lives and immediate surroundings.

CP FRENCH II



Grades 9-11
5 Periods/Cycle
(1 credit) (1.025)

Prerequisite: CP French I with at least a 70% average.

In CP French II, students continue to build their ability to communicate with confidence and creativity in French. Using the Comprehensible Input and TPRS (Teaching Proficiency through Reading and Storytelling) approaches, students expand their use of high-frequency vocabulary and key verbs through engaging stories, authentic materials, and meaningful conversation. The focus of this course is on understanding and expressing ideas rather than memorizing rules, allowing students to use French in real-world, communicative contexts. Students explore themes such as school, family, technology, traditions, and home in the context of Francophone music, film, and art. By the end of the year, students are at the novice-high level of their speaking proficiency. They are able to communicate using words and isolated phrases on a variety of topics that are highly personal in nature. Such topics include self, family, places around town, hobbies, likes and dislikes, interests,

CP FRENCH III



Grades 10-12
5 Periods/Cycle
(1 credit) (1.025)

Prerequisite: CP French II with at least a 75% average.

In CP French III, students continue to refine and expand their communication skills using the Comprehensible Input and TPRS (Teaching Proficiency through Reading and Storytelling) approaches. They work with more complex grammatical structures while increasing their ability to interact confidently in French with the teacher and classmates. Students engage with authentic resources, including art, music, film, and cultural materials from across the francophone world, to deepen understanding and make meaningful connections. Throughout the course, students' progress from novice to intermediate proficiency, demonstrating their skills through speaking, writing, and project-based activities in various real-world contexts. Many of the topics discussed in French I and CP French 2 reappear, this time with a focus on expressing oneself more completely.

HONORS FRENCH IV



Grades 11-12
5 Periods/Cycle
(1 credit) (1.050)
Prerequisite: CP French III with at least an 80% average and a passing grade on the CP French III Final Exam

Honors French IV builds on students' language proficiency by emphasizing meaningful communication in French and refining students' accuracy through the study of more complex grammatical structures, including the rules and usage of past and future tenses. Students continue to develop their skills in speaking, listening, reading, and writing within contextualized, authentic materials and real-world situations. The course is conducted in French, and students are expected to communicate regularly with the teacher and peers in the target language. Proficiency is demonstrated through project-based activities, discussions, and presentations, allowing students to express nuanced ideas and engage critically with cultural and historical contexts. By the end of the course, students are expected to perform consistently at an intermediate level of proficiency.

HONORS FRENCH V



Grade 12
5 Periods/Cycle
(1 credit) (1.050)
Prerequisite: H. French IV with at least an 80% average and a passing grade on the H. French IV Final Exam.

Honors French V continues to grow students' communication skills from the intermediate level to the intermediate-high level by emphasizing grammatical correctness, syntax, and encouraging students to expand upon their initial sentences. Students are exposed to a wide range of authentic materials: short film, advertisements, music, bande dessinnee, art, plays, etc. with the goal of presenting grammatical structures in context and giving us an authentic material to discuss and reflect upon. The theme of the course is on decision making, in terms of food, technology, and safely. We discuss the consequences of various decisions and what students can do to make healthy decisions that promote wellbeing and community. Students spend time discussing their lives with their classmates, asking questions, and elaborating upon responses. Students also keep a journal where they reflect upon some of our larger themes. Through engagement with authentic materials and contextualized activities, students expand their proficiency in interpreting, analyzing, and discussing ideas in French. The course emphasizes meaningful communication, critical thinking, and project-based demonstrations of language use, preparing students for the study of French at the college or university level.

CP GERMAN I



Grades 9-10
5 Periods/Cycle
(1 credit) (1.025)

This beginner's course invites students into a fun and engaging partial immersion experience in the German language. Using authentic songs, visuals, and group activities, students explore the sounds and structures of German while learning to communicate about themselves and their daily lives. Emphasis is placed on listening and speaking, with reading and writing used to reinforce grammar and vocabulary. Students use German to solve real-world prompts - such as talking about family, school, and free time activities - building confidence and curiosity through meaningful interaction.

CP GERMAN II



Grades 9-11
5 Periods/Cycle
(1 credit) (1.025)

Prerequisite: CP German I with at least a 70% average.

German 2 continues the language journey with greater immersion and confidence. Students broaden their ability to describe the world around them, using more complex vocabulary and grammar, including the dative case and conversational past tense. Authentic songs, games, and cultural explorations bring language learning to life. Students use German to collaborate on interactive prompts, compare traditions between cultures, and express their preferences and opinions—all while strengthening listening, speaking, reading, and writing skills in a supportive, dynamic classroom environment.

CP GERMAN III



Grades 10-12
5 Periods/Cycle
(1 credit) (1.025)

Prerequisite: CP German II with at least a 75% average.

This intermediate course deepens students' fluency and global awareness through total immersion and cross-curricular connections. Students expand their vocabulary, refine their understanding of grammar, and learn to express more complex ideas in speaking and writing. Through authentic songs, readings, and cultural projects, students explore themes that connect to other subjects—such as geography and economics. They use German to solve creative group challenges and discuss cultural perspectives, strengthening both critical thinking and intercultural communication skills.

HONORS GERMAN IV



Grades 11-12
5 Periods/Cycle
(1 credit) (1.050)
Prerequisite: CP German III with at least an 80% average and a passing grade on the CP German III Final Exam

In this advanced immersion course, students use German as a tool to explore global and social issues, including environmental challenges, diversity, and cultural perspectives. Authentic materials—songs, fairy tales, and articles —invite students to engage critically with how German-speaking communities view and address these topics. Students are encouraged to express and defend their opinions in German, listen respectfully to others, and compare cultural viewpoints. The course emphasizes communication, creativity, and cultural literacy as students connect their world with that of German-speaking societies.

HONORS GERMAN V



Grade 12
5 Periods/Cycle
(1 credit) (1.050)
Prerequisite: H. German IV with at least an 80% average and a passing grade on the H. German IV Final Exam.

H. German 5 serves as the culmination of the German language program, offering a rich and immersive study of the German-speaking world through history, literature, art, film, and music. Students strengthen all four language skills—listening, speaking, reading, and writing—while exploring how culture and history shape modern German identity. Through discussions, projects, and creative tasks, students compare historical events and contemporary issues across cultures. By the end of the course, students can communicate complex thoughts, analyze authentic texts, and reflect deeply on their role as global citizens.

CP SPANISH I



Grades 9-10
5 Periods/Cycle
(1 credit) (1.025)

This course is a partial immersion into Spanish. Using limited English, students will become acquainted with the sounds and structure of the Spanish language as well as cultural elements that have added to the development of this melting-pot language. Emphasis will be on self via listening and speaking. Reading and writing will reinforce grammar topics learned in English classes taken at this level.

CP SPANISH II



Grades 9-11
5 Periods/Cycle
(1 credit) (1.025)
Prerequisite: CP Spanish I with at least a 70% average.
CP Spanish II is a more thorough immersion in Spanish. Whereas in their First-Year students focused on themselves, the vocabulary focuses on traveling by airplane, daily routines, shopping, food, cultural festivals, and geography. More complex grammatical structures will expand students' abilities to explore the world around them, to communicate and connect with the global Spanish-speaking community while comparing these cultures with their own.

CP SPANISH III



Grades 10-12
5 Periods/Cycle
(1 credit) (1.025)
Prerequisite: CP Spanish II with at least a 75% average.
This course will make connections with students' other courses across the curriculum by developing vocabulary as well as critical thinking processes. Via total immersion, students will develop grammar structures that enable them to express more abstract thoughts while connecting knowledge of their world with culture and language of the target language.

HONORS SPANISH IV



Grades 11-12
5 Periods/Cycle
(1 credit) (1.050)
Prerequisite: CP Spanish III with at least an 80% average and a passing grade on the CP Spanish III Final Exam
Students will continue to refine their grammar and develop reading strategies so as to explore traditions of various Hispanic cultures and, in an immersion setting, express opinions, research findings and summaries of texts in both written and oral formats using interpretive, interpersonal and presentational skills.

HONORS SPANISH V



Grade 12
5 Periods/Cycle
(1 credit) (1.050)
Prerequisite: H. Spanish IV with at least an 80% average and a passing grade on the H. Spanish IV Final Exam.
H. Spanish V is an intensive reading, discussion, and writing course. Spanish literature, art, music, and current events are surveyed through the use of selected readings, films, artwork, and music. Discussion and other demonstrations of students' skills and knowledge are presented exclusively in the language. This course uses and builds on the reading, writing, listening and comprehension skills learned in the previous year.

CP LATIN I



Grades 9-12
5 Periods/Cycle
(1 credit) (1.025)

Latin I is an introduction to the connections and comparisons between Latin and English, with a special emphasis on vocabulary building, grammar understanding and translating skills. The language is studied through a translation approach combined with a traditional grammar method. The course includes a presentation of Roman life and culture, with an emphasis on Roman contributions to Western civilization, an emphasis on the founding of Rome and the Roman Monarchy, and an introduction to Greek and Roman mythology. **Starting in the 2026–2027 school year, students choosing Latin I should plan for the sequence to extend only to CP Latin II.**

CP LATIN II



Grades 9-12
5 Periods/Cycle
(1 credit) (1.025)

Prerequisite: CP Latin I with at least a 70% average.

The translation approach is continued from Latin I, with growing emphasis on translation strategies and facility in using and manipulating the language. Vocabulary and derivation study are continued, along with Latin expressions commonly used in English. There are additional topics in Roman history with an emphasis on the Roman Republic. The contributions of Roman life, and the culture to the Western tradition is continued. **This course is combined with CP Latin III.**

CP LATIN III



Grades 10-12
5 Periods/Cycle
(1 credit) (1.025)

Prerequisite: CP Latin II with at least a 75% average.

CP Latin III continues the students' study of Latin grammar and Roman culture. The transition from "textbook" Latin to "original" Latin is begun with emphasis on the important ceremonies of the Romans and the values and traditions these reveal. Students build their translating and reading skills. In CP Latin III students translate original Latin texts from a variety of authors**. This course is combined with CP Latin II.**

HONORS LATIN IV



Grades 11-12
5 Periods/Cycle
(1 credit) (1.050)
Prerequisite: CP Latin III with at least an 80% average and a passing grade on the CP Latin III Final Exam
Honors Latin IV is an advanced reading, grammar and cultural course. The students transition from "textbook" Latin to "original" Latin. Students translate their first original Latin texts from a variety of authors. The first half of the course involves the study of the famous Roman prose writers (including Pliny, Petronius, Cicero, Asconius and Eutropius). The second half of the course involves the study of Latin elegiac and epic poetry with the study of Catullus and Ovid. **This course is combined with H. Latin V.**

HONORS LATIN V



Grade 12
5 Periods/Cycle
(1 credit) (1.050)
Prerequisite: H. Latin IV with at least an 80% average and a passing grade on the H. Latin IV Final Exam.
Honors Latin V is an advanced survey of Classical and Medieval Latin literature, including readings and translations from historians and poets with a culminating focus on Vergil's Aeneid. Study emphasizes literary critique and historical analysis. **This course is combined with H. Latin IV.**

CAREER & TECHINCAL CENTER PROGRAM

Whether you are planning to attend college, seek employment, join the military, or pursue other options, **Cumberland Perry Area CTC programs give students an advanced career pathway by the time they graduate high school.**

Cumberland Perry Area Career & Technical Center (CPACTC) is jointly owned and operated by thirteen regional school districts. The programs are an extension of your high school electives, offering comprehensive instruction in 23 career and technical programs. Students attend CPACTC for half of their school day, taking courses in their technical program plus social studies. Students attend their sending high school for English, Science, Mathematics, Physical Education, and other graduation requirements.

The full scope of skills and competencies in the technical programs at CPACTC are taught over a three-year course sequence. However, students may also attend CPACTC for one or two years to support their career goals.

CPACTC has a competitive application process that includes attendance, grades, teacher recommendations, and a career readiness interview. CLICK HERE TO APPLY, or go to www.cpatech.org Clicking on the program names below will connect you to the program web page at www.cpatech.org.

2026-2027 CAREER PATHWAYS AND PROGRAMS AT CPACT

CONSTRUCTION AND MAINTENANCE Carpentry Electrical Construction and Maintenance Heating/Ventilation/Air Conditioning (HVAC) Horticulture/Landscaping Masonry	**ARTS & TECHNOLOGY** Advertising Art & Design Computer Networking Computer Programming
MANUFACTURING Advanced Manufacturing Technology Automation and Electromechanical Technology Welding Technology	**HEALTH SCIENCES** Dental Assisting Healthcare Pathways Emerging Health Professionals

HUMAN SERVICES AND HOSPITALITY	TRANSPORTATION & LOGISTICS
Cosmetology	Auto Collision Technology
Criminal Justice	Automotive Technology
Culinary Arts	Diesel Technology
Early Childhood Education	Logistics & Warehouse Management

*Cumberland Perry also offers a DIVERSIFIED OCCUPATIONS Program. This is a work-based learning program for students not enrolled in a traditional Career and Technical Education Program. Please refer to the description at the end of this booklet for more information.

The Cumberland Perry Area Career & Technical Center does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. The Cumberland Perry Area Career & Technical Center does not discriminate in any manner, including Title IX sexual harassment, in any school program or activity. The school has established Title IX personnel to promptly respond to concerns and reports of sexual harassment and assault. All investigations into reports of sexual harassment and assault will be impartial, free of bias and conflicts, and will not prejudge the facts for either side. The school strives to maintain an environment where all students, staff, and greater community feel safe. Inquiries may be directed to the CPACTC Title IX Coordinator or the Section 504 Coordinator: Administrative Director, 110 Old Willow Mill Road, Mechanicsburg, PA 17050 or 717-697-0354 or twolfe@cpatech.org.

ADVANTAGES FOR STUDENTS ATTENDING CPACTC

LEARN REAL WORLD SKILLS

Students learn real world skills using the same tools and equipment as industry professionals. By demonstrating their knowledge and abilities, students can earn a Pennsylvania Skills Certificate through the PA Department of Education. To earn the Pennsylvania Skills Certificate, students must achieve at the “Advanced” level on the end of program NOCTI test. The test consists of two parts – theory and performance. The Theory portion covers factual knowledge, technical information, understanding of academic principles and problem solving related to the technical field. The Performance portion of the NOCTI test allows students to demonstrate their skills to industry professionals who proctor the exam.

EARN COLLEGE CREDITS

College in the High School Program

The College in the High School (CHS) program allows high school students to take college classes while enrolled at the CTC during the regular school day. Students who are eligible to take College in the High School courses can earn credits toward high school graduation and credits towards a college degree at the same time. Depending on the program, colleges and universities participating include HACC, Pennsylvania College of Technology (Penn College), and Harrisburg University (HU). The courses are taught by CPACTC instructors, who have been approved by the college/university to teach these courses. HACC, Penn College, and HU award college credits and a college transcript to students who complete the courses with a passing grade. These credits are often eligible to transfer to other colleges and universities that a student may attend. For College in the High School course details go to www.cpatech.org.

College Credit Articulation Agreements

EVERY PROGRAM at CPACTC can earn articulated credit at a participating post-secondary school. This means that college credits are awarded when students meet certain requirements and enroll at a participating school. Program specific articulation agreements can be found at www.cpatech.org.

SOAR Program

Eighteen programs at CPACTC (visit www.cpatech.org) qualify under the Pennsylvania Department of Education's SOAR program, which grants college credit at various post-secondary schools in Pennsylvania when students meet the following requirements:

1. Graduate from high school with a 2.75 GPA in the CTC program
2. Achieve a score of "Advanced" or "Competent" on the NOCTI exam
3. Successfully complete all tasks on the Program of Study task list (generally requires student to complete all three years of a program)

EARN INDUSTRY-RECOGNIZED CREDENTIALS

CPACTC students may have the opportunity to earn industry credentials which employers recognize and indicate a student has achieved particular skills and knowledge. There are MANY CREDENTIALS offered at CPACTC, and they are specific to a student's program and career pathway. Examples include PA State Inspection certification for Automotive Technology students and NIMS certifications for Advanced Manufacturing Technology students. A complete list of credentials is listed under each program at www.cpatech.org. Please note, industry credentials offered at CPACTC are subject to change. During the 2024-2025 school year, CPACTC students earned 1,314 credentials!

Additional information regarding curriculum, college credit opportunities, cooperative education and uniform requirements is available online at www.cpatech.org.

Suggested Course Sequence for Students in Career and Technical Programs:

Grade 9	Grade 10	Grade 11	Grade 12
English Earth Science Social Studies Algebra I or Pre-Algebra Physical Education	English Biology Social Studies Geometry or Algebra Physical Education	English Chemistry Social Studies Algebra II or Geometry Physical Education	English Elective Social Studies Additional Math Physical Education
Electives	**CPACTC Program**	**CPACTC Program**	**CPACTC Program**

CONSTRUCTION AND MAINTENANCE PROGRAMS

CARPENTRY

There are two types of carpentry work: rough and finish. Rough carpentry includes framing, boarding, sheathing, bracing, roofing, and studding; finish carpentry includes the installation of finished flooring, stair work, siding, trim, wallboards, windows, and hardware. Students in the **Carpentry** program will learn the basics of both rough and finish carpentry, including such areas as blueprint reading, using power and hand tools, framing techniques, installing trim and hardware, estimating, and identifying materials. Many of these skills are developed through live work projects performed throughout the school. Safety instruction is emphasized throughout the program.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Carpenters-$59,310* Construction Laborers-$46,730* Construction Managers-$106,980* Supervisors-Construction & Ext. Workers-$78,690* Construction and Building Inspectors-$72,120 Cabinet Makers & Bench Carpenters-$46,020 …and many more!	OSHA10-Construction JLG Aerial Work Platform JLG Rough Terrain Forklift Class 7 JLG Scissor Lift PA Builders Association	(Visit our website to view all college articulation partners)

2025 PA Dept. of Labor In-Demand Occupation List
2025 PA Dept. of Labor High Priority Occupation
*ONET Online Bright Outlook Occupation 2025

ELECTRICAL CONSTRUCTION AND MAINTENANCE

Students in the **Electrical Construction & Maintenance** program receive classroom training and practical experience in the installation of circuits, switches, conduits, circuit breakers, and other electrical devices; instruction includes the proper use and care of hand tools and equipment used to install electrical systems on a construction site. Students learn to connect and disconnect electrical equipment and determine proper installation and operation of electrical work, apply procedures used in interior circuits and outlets, and troubleshoot electrical malfunctions. Special emphasis is placed on the National Electric Code Specifications used in residential, commercial, and industrial electrical construction projects.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Electrical Engineers-$111,910* Electrical Power-Line Installers & Repairers -$92,560* Supervisors-Construction & Ext. Workers -$78,690* Electricians-$62,350* Security and Fire Alarm Installer-$59,300* …and many more!	OSHA 10-Construction NJATC 1st Year Apprenticeship IEC 1st Year Apprenticeship PA Builder's Assoc. Skills Cert	(Visit our website to view all college articulation partners)

2025 PA Dept. of Labor In-Demand Occupation List
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HEATING VENTILATION, AIR CONDITIONING, AND REFRIDGERATION

The Heating, Ventilation and Air Conditioning (HVAC) program provides the fundamentals of installation, repair, and maintenance of equipment and accessory parts used for heating, air conditioning, and cooling systems. Students learn basic electricity as it applies to the electrical power source and activities used in air conditioning, heating, and refrigeration units. Various equipment and training simulators are used to teach basic refrigeration in chilling and freezing systems. They will learn to solder and braze while developing skills required for the installation, repair, and maintenance of air conditioning, heating, and refrigeration units. Instruction includes: connecting ducts, refrigerant lines, and electrical hookups to power sources; the removal and/or replacement of parts by using torches, electrical meters, testing equipment, gauges, and hand tools; diagnosing unit breakdowns; disassembling and reassembling systems; making adjustments to ensure efficient operations; and reading basic blueprints and writing diagrams. The program also covers many of the basic skills needed in the plumbing trade, providing interested students an opportunity to pursue a career in plumbing.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Energy Engineers-$117,750 HVAC Mechanics & Installers-$59,810* Geothermal Technicians-$48,640 …and many more!	OSHA 10-Construction EPA 608 Pa Builder's Association Skills Cert.	(Visit our website to view all college articulation partners)

2025 PA Dept. of Labor In-Demand Occupation List
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*ONET Online Bright Outlook Occupation 2025

HORTICULTURE AND LANDSCAPING

There are several career pathways in the Horticulture & Landscaping program. Greenhouse managers, soil and plant scientists, groundskeepers, and landscape designers are just a few of the occupations in this wide-ranging field. Students spend time in the greenhouse, classroom, and outdoors as they learn identification, botany, proper plant care, and other factors impacting care and growth of plant materials. This knowledge is then utilized in the design and preparation of decorative and functional sites. Topics include sustainable practices such as hydroponics and environmental issues facing today's society, design and installation of plants, ponds, and hardscaping, laws and zoning regulations, business ethics and practices, safety and equipment operation, floral design, turf management and irrigation, and other related areas. We also offer college in the high school along with certifications for OSHA. Come explore the opportunity waiting for you!

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits (Offered thru Pennsylvania Coll. of Tech.)
Farmworkers/Laborer (Greenhouse)-$35,690 Landscaper/Groundskeeper-$38,090* Supervisor-Landscapers and Groundskeepers$ $56,170 Pesticide Handler, Sprayer, Applicator-$45,200 Grounds Maintenance Workers-$43,410 Soil and Plant Scientist-$71,410	OSHA 10-Construction PA Certified Horticulturalist Assoc. Pesticide Certification	HORT 101-Intro. Ornamental Horticulture HORT 113-Ornamental Plants (Visit our website to view all college articulation partners)

2025 PA Dept. of Labor In-Demand Occupation List
2025 PA Dept. of Labor High Priority Occupation
*ONET Online Bright Outlook Occupation 2025

MASONRY

The Masonry program provides the fundamental skills needed to work with bricks, blocks, and concrete. Students learn brick and block laying; mortar mixing; scaffold construction; building construction; the proper use of masonry tools; and how to read blueprints to determine an accurate brick layout following the builder's specifications. Additionally, students check alignment and positioning of bricks by using a dry course; check for horizontal or vertical straightness by using a mason's level; gauge lines, and plumb lines; and use story gauge rods to check work. Special emphasis is placed on mortar mixing and proper spreading of mortar to ensure accurate spacing of the joints. Students learn the safe use and proper care of hand tools such as trowels, jointers, rules, squares, brick hammer, mason levels, and gauge lines.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Brickmason and Blockmason-$60,800 Cement Masons/Concrete Finishers-$54,660 Tile and Stone Setters-$52,240* Helpers-Brick/Block/Stonemason-$	OSHA 10-Construction Rough Terrain Forklift Class 7 PA Builder's Assoc. Skills Cert. Mobile Elevating Work Platform (MEWPS)	(Visit our website to view all college articulation partners)

2025 PA Dept. of Labor In-Demand Occupation List
2025 PA Dept. of Labor High Priority Occupation
*ONET Online Bright Outlook Occupation 2025

ARTS AND TECHNOLOGY PROGRAMS

ADVERTISING ART & DESIGN

A large percentage of merchandising and advertising for modern promotion is done through the medium of **Advertising Art and Design**. The purpose of this course is to help prepare students for an entry-level job or to prepare the student to advance into post-secondary training at colleges and art schools. Throughout the program, students will maintain a portfolio to promote their work and talent when they graduate. The major emphasis is on the basic principles of design: color, development of skills, exploration of media, and Advertising Art and Design practices. Special emphasis is placed on manual illustration and layout skills in the area of art production, technical features of design, layout and composition, and color theory. Students will prepare graphic and advertising projects from the idea stage through to pre-press using the current Adobe Creative Suite software.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Graphic Designers-$61,300 Desktop Publishers-$53,620 Special Effects Artists and Animators-$99,980 Commercial and Industrial Designer-$79,450 …and many more!	Adobe Photoshop Adobe InDesign Adobe Illustration	(Visit our website to view all college articulation partners)

2025 PA Dept. of Labor In-Demand Occupation List
2025 PA Dept. of Labor High Priority Occupation

COMPUTER NETWORKING

The **Computer Networking** program is designed to give students a broad background in the fundamentals of designing, installing, and maintaining a computer network. Specifically, students will cover the following topics: Computer hardware, troubleshooting, repair, and maintenance, operating systems and software, network technologies, network media and topologies, network devices, network management, network tools and troubleshooting, and security fundamentals. Emphasis will be placed on preparing students to test for industry credentials and certifications.

Potential Career Pathways	Industry Credentials	College Credits
(w/ 2024 Median Wage)		(Offered thru HACC)
Information Security Analyst-$124,910*	CompTIA A+	CNT 120-Network Tech. Communications
Network/Comp. System Admin.-$96,800	CompTIA Net+	
Web Developer-$90,930*	CCNA	CNT 125-Network Tech. Communications
Computer User Support Spec.-$60,340		(Visit our website to view all college articulation partners)
…and many more!		

2025 PA Dept. of Labor In-Demand Occupation List
2025 PA Dept. of Labor High Priority Occupation
*ONET Online Bright Outlook Occupation 2025

COMPUTER PROGRAMMING

In **Computer Programming** students will learn to write, develop, and test code for applications to run on computer systems. In addition, they will learn about analyzing and designing solutions to troubleshoot software issues. Students will cover the following topics: understanding computer basics, interpret logical expressions using Boolean Algebra, create simple programs using algorithms, apply program analysis for evaluating algorithms and testing and debugging systems, and learn about computing practice focusing on data structures and object-oriented program design. Emphasis will be on completing college level course work leading to earning college credits through our agreement with Harrisburg University of Science and Technology.

Potential Career Pathways	Industry Credentials	College Credits
(w/ 2024 Median Wage)		(Offered thru Harrisburg Univ)
Software Developers-$133,080*	PCEP Certified Entry	CISC 120-Fund. of Computing
Web Developer-$90,930*	Level Python Programmer	CISC 160-Data Structures
Computer Net. Supp. Spec.-$73,340		CISC 300- Web Technologies
…and many more!		(Visit our website to view all college articulation partners)

2025 PA Dept. of Labor In-Demand Occupation List
2025 PA Dept. of Labor High Priority Occupation
*ONET Online Bright Outlook Occupation 2025

HEALTH SCIENCES PROGRAMS

DENTAL ASSISTING

Students in the Dental Assisting program learn how to properly aid dentists and dental hygienists. During the course of the program, they will learn the proper techniques that go into every aspect of assisting in a dental office, from taking x-rays to scheduling appointments. To ensure that students are trained as accurately as possible, they practice on modern dental equipment and become familiar with tools common to the profession. Other tasks assigned in this program include learning proper sterilization, instrument transferal, infection control, and preventative healthcare techniques; and assisting with basic dental procedures. While students emerge from the Dental Assisting program fully equipped to work as a dental assistant, further education is required before the student can achieve other positions in the field.

Potential Career Pathways

(w/ 2024 Median Wage)

Dental Assistant-$47,300*
Dental Lab Technician-$48,310
Dental Hygienist-$94,260*
…and many more!

Industry Credentials

DANB Radiation Health and Safety
DANB Infection Control
ASHI CPR & AED
OSHA 10
Bloodborne Pathogens
HIPPA
Act 31-Mandatory Reporter

College Credits

(Visit our website to view all college articulation partners)

2025 PA Dept. of Labor In-Demand Occupation List
*ONET Online Bright Outlook Occupation 2025

HEALTHCARE PATHWAYS

The Healthcare Industry employs over 700,000 Pennsylvanians and is one of the largest private employers in Cumberland County. While employment in healthcare occupations is projected to grow significantly, there is a tremendous need for skilled workers to fill the current and future skills gap. The Healthcare Pathways Program at Cumberland Perry Area CTC prepares students with the theoretical knowledge and tangible skills needed for a variety of different pathways within the Healthcare Industry, including employment and post-secondary education opportunities. Some topics covered in the program include, but are not limited to patient care skills, anatomy & physiology, phlebotomy, electrocardiograms, pharmacy technician skills, and office procedures. Rising seniors may apply for the Emerging Health Professionals program.

Potential Career Pathways

(w/ 2024 Median Wage)

Nursing Assistants-$39,530*
Home Health Aide-$34,900*
Registered Nurse-$93,600*
…and many more!

Industry Credentials

Certified Nursing Assistant
ASHI CPR & AED
Act 31 Mandated Reporter
OSHA 10-Healthcare
AMCA Phlebotomy Technician
AMCA Medical Administrative Assistant Cert. .

College Credits

(Visit our website to view all college articulation partners)

*ONET Online Bright Outlook Occupation 2025

EMERGENCY HEALTH PROFESSIONALS

The Emerging Health Professionals Programs is a **SENIOR ONLY** program that combines college level dual enrollment courses, job shadowing in various healthcare facilities, and a skills-based patient care curriculum. The program is designed for high school seniors interested in a pathway towards careers requiring post-secondary education in the healthcare industry. The Emerging Health Professionals Program is a half-day program that runs the duration of the school year in conjunction with required high school curriculum. Students typically spend two days a week taking college courses, two days a week in a health care setting and one day a week developing healthcare-related skills. Students in this program take Anatomy and Physiology I and II at one of our partner colleges as well as a Medical Terminology course at CPACTC for a total of eleven college credits. Applicants must have completed one year of high school Biology and Chemistry with a GPA of 3.0 (or % equivalent) or higher and also have an overall GPA of 3.0 (or % equivalent) or higher. Students must provide their own transportation and are responsible for college dual-enrollment costs. This program has a separate application, which may be found at www.cpatech.org → Programs → Health Sciences → Emerging Health Professionals.

Potential Career Pathways (w/ 2023 Median Wage)	Industry Credentials	College Credits (Offered thru Messiah College)
Family and General Practitioners-$210,220* Physician Assistants-$102,775 Nurse Practitioners-$101,950* Physical Therapists-$88,450 Program offers various other health career pathways as well.	Personal Care Aide American Red Cross-Basic First Aid Act 31 Mandated Reporter OSHA 10-Healthcare	BIO185/185L-Anatomy and Phys. I BIO186/186l-Anatomy and Phys. II (Each Course is 4 Credits) MTR 100-Medical Terminology (Visit our website to view all college articulation partners)

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HUMAN SERVICES AND HOSPITALITY PROGRAMS

CULINARY ARTS

Culinary Arts is a program that offers a broad range of skills and knowledge concerning the selection, preparation, and handling of foods. Skill development will focus on safety and sanitation; dining room service; preparation of food; buffet service; meat cutting; baking; store room procedures; and basic management skills. Unlike the home economics courses offered by most general high schools, the instruction and on-the-job training will be conducted in a fully equipped cafeteria and restaurant at Cumberland Perry Area CTC.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Chefs/Head Cooks - $60,990* Food Service Manager - $65,310* Supervisor-Food Prep. & Servers -$42,010* Cooks, Ins. & Café.- $36,450 Cooks-Restaurant - $36,830* …and many more!	ServSafe Manager ServSafe Allergens ProStart I & II ACF Certified Fundamentals Cook	(Visit our website to view all college articulation partners)

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COSMETOLOGY

The **Cosmetology** program at CPACTC gives students a great head start to a lucrative career. Our curriculum is rigid, however, by the time students graduate they will have skills desirable to employers in the Cosmetology industry. Students in the program learn all aspects of hair care, skin care, and nail care, and not only do they practice on mannequins, but they practice on each other as well. Once the student earns 300 hours, they are ready to apply skills to customers in the Cosmetology clinic. Instruction also includes resume writing, interviewing, marketing and retailing, so students are prepared to start the job search process. Students need to earn 1250 hours to be eligible to test for the PA Cosmetology License Exam.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Spa Manager-$61,340* Skincare Specialist-$41,560* Cosmetologist-$32,250* Manicurist and Pedicurist-$34,660*	PA State Board of Cosmetology License Barbicide	(Visit our website to view all college articulation partners)

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CRIMINAL JUSTICE

Students in the **Criminal Justice** program learn administrative procedures, vehicle code and accident investigation, crime codes and criminal investigation, prevention of crime, laboratory procedure, and supplemental activities. Simulated activities develop skills in procedures used in police patrol, criminal investigations, accident investigation, report writing, use of PA Crime Code and Pennsylvania Vehicle Code, first aid, and firearms training. Special emphasis is given towards each student's career objectives. Students develop skills needed to perform effectively in police departments and security agencies and receive a good foundation for continued study in Police Administration, Criminal Justice or Police Science.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Supervisor-Police & Detectives-$105,980* Detectives and Criminal Investigators-$93,580 Emergency Management Directors-$86,130 Police/Sheriff Patrol Officer-$76,290 Correctional Officers/Jailers-$57,970 …and many more!	NIMS IS 100 SERIES NIMS IS 200 SERIES NIMS IS 700 SERIES NIMS IS 800 SERIES Emergency Telecommunicator	(Visit our website to view all college articulation partners)

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EARLY CHILDHOOD EDUCATION

The **Early Childhood Education** program instructs students in the preparation and presentation of nutritional snacks, instructional materials, schedules, and curriculum plans. They will also cover how to manage parent involvement, enrollment, safety and health factors, and discipline. A portion of the program is devoted to child development and preschool child growth patterns. Students will develop techniques that will be applied in the preschool program. Time will be provided to do classroom observations of the preschool children, as well as peer observations while teaching. The student will be responsible for supervising the entire preschool laboratory school program including the children's schedule, attendance, greeting children, enrollment, art, music, science, and indoor/outdoor play activities. Students have a portion of the preschool day set aside for "Learning Centers", a time in which they work independently with an assigned preschool child in an area that the child is currently strengthening.

Potential Career Pathways

(w/ 2024 Median Wage)

Elementary School Teacher-$62,340*
Childcare Admin.-Preschool & Daycare-$56,270
Preschool Teachers-$37,120
Childcare Workers-$32,050
…and many more!

Industry Credentials

Health and Safety Basics/Better Kid Care
Act 31 Mandatory Reporter Training
ASHI CPR & AED
Child Development Associate (Ready)

College Credits

(Offered thru Shippensburg University)

ECH 204-Child Development
ECH 205-Positve Behavior
ECH 206-Early Childhood

(Visit our website to view all college articulation partners)

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TRANSPORTATION AND LOGISTICS PROGRAMS

AUTOMOTIVE COLLISION TECHNOLOGY

The **Automotive Collision Technology Program** provides students with the training necessary to repair damaged automotive vehicles. Instruction includes the repair and replacement of defective parts to restore a vehicle to good condition. Students learn how to operate hydraulic jacks, how to use pry bars, dolly blocks, and mallets for the removal of dents. Various techniques of metal finishing used to fill the damaged areas of vehicles with body plastics and how to grind and sand until the body is smooth are also covered. Our students also learn to replace auto body parts by installing new sections, and by welding new pieces and panels. Instruction in braising, soldering, and welding practices is stressed. Students develop skills in the preparation of surfaces to be painted, matching and mixing paint, and various spraying techniques. In addition, students install trim and glass, use gauges necessary for frame straightening, and estimate the cost of the repair service.

Potential Career Pathways

(w/ 2024 Median Wage)

Automotive Body & Related Repairers-$51,680
Insurance Appraiser-$76,650
Claims Adjuster, Examiner, Investigator-$76,790
…and many more!

Industry Credentials

I-CAR (various)
PA Emissions Inspection
PA Safety Inspection
SP/2 (various)
EPA Sect. 609

College Credits

(Offered thru Penn. Coll. Of Tech)
ABC 100-Intro. to Non-Structural Repair
ABC 104-Intro.to Non-Structural Repair Apps.
(Visit our website to view all college articulation partners)

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AUTOMOTIVE TECHNOLOGY

The **Automotive Technology** program provides students with the entry-level skills and knowledge needed for a career in the automotive field. Specialized classroom and shop exercises are designed to provide instruction in the following areas: engine repair, suspension and steering, brakes, electrical/electronic systems, heating and air conditioning, engine performance, manual drive train and axles, automatic transmission/transaxle, emissions control, hybrid technology, and alternative fuels. Students are taught to use computerized technical service manuals and are also trained to participate in the Pennsylvania State Department of Transportation (PENNDOT) safety and emissions inspection program and test. Qualified level 3 students are able to participate in the cooperative education program. This program allows students to gain paid work experience at participating repair facilities while attending school.

Potential Career Pathways	Industry Credentials	College Credits
(w/ 2024 Median Wage)		(Offered thru Penn. Coll. of Tech.)
Automotive Service Technicians-$49,670 Automotive Engineers-$102,320* Automotive Engineering Technicians-$68,730 Auto Parts Salesperson-$37,440 …and many more!	PA Emission Inspection PA Safety Inspection EPA 609-A/C OSHA 10	AMT 109-Auto Elec Fund AMT 112-Brake Systems AMT 113-Steering & Suspension AMT 126-Engine Elec Systems (Visit our website to view all college articulation partners)

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DIESEL TECHNOLOGY

Students in the **Diesel Technology** course will receive training in all areas of diesel engine construction, operation, troubleshooting and repair. Students also received instruction in maintenance, servicing, and repair of over-the-road trucks, trailers and transportation equipment. The first year of instruction will focus on diesel powered engines that are primarily related to transportation equipment but can also be applied to diesel powered construction equipment, high lifts, farm machinery and other diesel-powered equipment. Electrical systems, turbo chargers, engine speed governors and lubrication systems are a few examples of the engine subsystems that are covered. Students will be assisted in developing a keen attention to detail, which is necessary for success in this trade. The second- and third-year students study the other components and systems of the truck such as transmissions, rear axles, clutches, drive lines, batteries, starters, alternators, steering, suspension, alignment and air conditioning, just to name a few. Instruction will be provided in oxyacetylene, AC/DC and MIG welding operations. Students who qualify will also be eligible to take the Pennsylvania State Department of Transportation (PENNDOT) safety and emissions inspection program and test for mechanics. They will also be eligible to gain the EPA, type 609 air conditioning certification.

Potential Career Pathways	Industry Credentials	College Credits
(w/ 2024 Median Wage)		
Transportation Vehicle, Equipment, Sys. Inspector-$75,820 Bus/Truck Mechanic & Diesel Engine Spec.-$49,925 Automotive Service Technicians-$42,010 …and many more!	Cat 1-7 Safety Inspector PA Emissions EPA 609-A/C OSHA 10-General Industry S/P2-Heavy Duty	(Visit our website to view all college articulation partners)

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LOGISTICS AND WAREHOUSE MANAGEMENT

Logistics & Warehouse Management students will receive training in the technical and "hands on" aspects of operating a warehouse. Instruction will center on "inventory control", which is a plan for supply needs, control of goods received, efficient accessible storage, and proper distribution of materials. Effective record keeping is also a learned skill. Additional activities will include: materials organization, inspection of goods and accounting for warehouse merchandise, receiving and shipping practices, and the use of power equipment such as forklifts, electric pallet jacks, rollers, and conveyor belts for loading, unloading, or placement of packaged merchandise in warehouse or storage areas. Students will receive actual training in "live" work situations. His/her experience will be comprised of working in a warehouse area that stores in excess of $100,000 of stock merchandise each year and will become familiar with handling merchandise that ranges in weight from one ounce to three tons. The program also offers the use of data base (computer) entry system for stored materials.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Stock Clerks and Order Fillers-$37,090 Shipping, Receiving, Inventory Clerk-$43,190 Transportation, Storage and Distrib. Mgr-$102,010* Supply Chain Manager-$102,010* Logistics Analyst-$80,880*	NSC Forklift Operator OSHA 10-General Industry	(Visit our website to view all college articulation partners)

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MANUFACTURING PROGRAMS

AUTOMATION AND ELECTROMECHANICAL TECHNOLOGY

Automation and Electromechanical Technology is a three-year program that prepares students for employment and for continued education. Students will learn to design, install, troubleshoot, and repair today's modern automation, robotic, and industrial equipment. Instructional topics include industrial motor controls, robotics and electronics, programmable logic controls, mechanical power transmission systems, fluid power systems/hydraulics/pneumatics, blueprints and schematics, electricity and electrical systems, and A/C and D/C Circuitry.

Potential Career Pathways (w/ 2024 Median Wage)	Industry Credentials	College Credits
Industrial Machinery Mechanics-$63,760* Electrical and Electronic Engineering Tech.-$77,180 Robotics Technician-$70,760 Industrial Engineering Tech.-$61,790 Electromechanical Technician-$70,760 …and many more!	OSHA 10-Manufacturing Industry 4.0 Associate Certification Programmable Controller Systems 1Certification	(Visit our website to view all college articulation partners)

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ADVANCED MANUFACTURING TECHNOLOGY

The Advanced Manufacturing Technology program prepares students for a challenging and rewarding career in the manufacturing industry. In this program, students learn to use tools to shape the parts and components used in virtually every industry in the world. Students will begin with bench work, blueprint reading, and layout. They will then progress to learning precision measuring tools and techniques to ten thousandths of an inch (.0001"). Students will also learn machining techniques on manual vertical milling machines and manual lathes before progressing to CNC (Computer Numerical Control) machines. An emphasis on the programming and set up are also included in the CNC training along with instruction on MasterCam and SolidWorks computer software. The course is designed to prepare students for a career as a machinist, but is an excellent choice for a student with the desire to become an engineer.

Potential Career Pathways	Industry Credentials	College Credits
(w/ 2024 Median Wage) CNC Machine Tool Programmers-$65,670* Machinists-$56,150 CNC Machine Tool Operators-$40,060 …and many more!	National Institute of Metalworking Skills (NIMS) – Various (11) OSHA 10 PA Manufacturer's Pre-Apprenticeship	(Offered thru HACC) MDES 207-Mach Shop Theory IA 205-Numerical Control CNC (Visit our website to view all college articulation partners)

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WELDING TECHNOLOGY

Welding offers training in oxyacetylene and AC/DC arc welding, semiautomatic MIG, plasma cutting, and TIG welding systems. Starting with planning and layout work, the student progresses to setting up and operating welding, brazing, and cutting equipment, oxyacetylene welding light gauge metals in all positions, and shielded metal arc welding in all positions. Emphasis is placed on blueprint reading to identify properties of metal, metal types, types and use of electrodes and welding rods, electrical principles, and welding symbols. The use of manuals and specifications charts and the understanding of welding standards established by the American Welding Society are stressed. Training will be offered in the planning, layout, forming, joining and fabrication of various shapes in light and heavy gauge metals and pipe. Students learn to use specialized hand tools and to operate shears, forming and shaping machines, drill presses, and metal cutting saws.

Potential Career Pathways	Industry Credentials	College Credits
(w/ 2024 Median Wage) Welders, Cutters, Solderers, & Brazers-$51,000 Structural Metal Fabricators & Fitters-$49,900 …and many more!	AWS Shielded Metal Arc Welding (SMAW)-3G/4G AWS Gas Metal Arc Welding (GMAW)-3G AWS Gas Tungsten Arc Welding (GTAW)-3G AWS Fluxcore Arc Welding D1.1 A100 JLG Rough Terrain Forklift OSHA 10	(Offered thru HACC) WELD 102-Oxy Fuel W & C WELD 103-Shielded Metal Arc I WELD 120-Gas Metal Arc I (Visit our website to view all college articulation partners)

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DIVERSIFIED OCCUPATIONS

The Diversified Occupation (DO) Program provides training in a career and technical field that may not be offered at CPACTC or as an alternative form of education to meet a student's unique needs.

This program combines classroom instructions in employability skills with on-the-job training through an employer that will align with the career interest of high school students. Career competencies are developed by the employer under the direction of a designated supervisor.

Students in this program attend Cumberland Perry 1 half-day per week learning employability skills and spend 4 half-days per week working at least 15 hours in a paid, supervised work experience. More information can be found at http://www.cpatech.org