

# Pennsauken High School



## Program of Study

2025-2026

**TABLE OF CONTENTS**

**PENNSAUKEN PUBLIC SCHOOLS BOARD OF EDUCATION**

<u>Topic</u>	<u>Page</u>
<b>I. General Information</b>	
<a href="#">Preface</a>	3
<a href="#">Counseling Department Staff</a>	3
<a href="#">Content Area Graduation Requirements Chart</a>	4
<a href="#">Assessment Graduation Requirements</a>	4
<a href="#">College and Career Planning - Naviance Student</a>	4
<a href="#">Course Selection</a>	4
<a href="#">Course Levels Offered</a>	5
<a href="#">Entrance/Continuation Requirements For Course Levels</a>	5
<a href="#">Dual Enrollment Courses</a>	5
<a href="#">Athletic and Activity Eligibility</a>	5
<a href="#">Senior Option – Special Programs</a>	6
<b>II. Academy Programs</b>	
<a href="#">Art Academy</a>	7
<a href="#">Business Academy</a>	9
<a href="#">Communications Academy</a>	11
<a href="#">Criminal Justice Academy</a>	13
<a href="#">Engineering Academy</a>	15
<a href="#">Graphic Design Academy</a>	17
<a href="#">Health Science (Nursing) Academy</a>	19
<a href="#">Information Technology Academy</a>	20
<a href="#">Music (Instrumental) Academy</a>	21
<a href="#">Music (Vocal) Academy</a>	22
<b>III. Career and Technical Education Programs</b>	
<a href="#">Automotive Technology Program</a>	24
<a href="#">Baking Program</a>	26
<a href="#">Carpentry Program</a>	27
<a href="#">Cosmetology Program</a>	28
<a href="#">Culinary Arts Program</a>	29
<a href="#">Electrical Trades Program</a>	30
<a href="#">EMT and Fire Safety Program</a>	31
<a href="#">Health Occupations Program</a>	32
<a href="#">Heating, Ventilation, and Air Conditioning (HVAC) Program</a>	33
<a href="#">Law Enforcement Program</a>	34
<a href="#">Music Production Program</a>	35
<a href="#">Welding Program</a>	36
<a href="#">Air Force Junior ROTC</a>	37
<b>IV. General Education Course Descriptions</b>	
<a href="#">English Language Arts</a>	38
<a href="#">Mathematics</a>	41
<a href="#">Science</a>	43
<a href="#">Social Studies/Social Sciences</a>	46
<a href="#">Physical Education/Health</a>	48
<a href="#">World Language</a>	49
<a href="#">French</a>	49
<a href="#">Latin</a>	50
<a href="#">Spanish</a>	50

**JoAnn Young**  
*President*  
**Diane Johnson**  
*Vice President*  
**Osvaldo Alves**  
**Jeffrey Carey**  
**Maria Diaz**  
**Jaclyn Hutton**  
**Samer Jarbou-Rafeh**  
**Ana Matos**  
**Matthew McDevitt**

**PENNSAUKEN PUBLIC SCHOOLS CENTRAL ADMINISTRATION**

**Caroline Steer**  
*Acting Superintendent/Director of Elementary Education*  
**John Ogunkanmi**  
*Business Administrator/Board Secretary*

**Angel Cook**  
*Director of Secondary Education*  
**Michael McGovern**  
*Director of Student Support Services*  
**Eric Mossop**  
*Director of Technology*  
**Norma Rosario-Muñoz**  
*Director of Personnel Services*  
**Jonathan Nguyen**  
*Supervisor of Curriculum (PreK-5)*  
**Tarah Gillespie**  
*Supervisor of Curriculum (6-12)*

**PENNSAUKEN HIGH SCHOOL ADMINISTRATION**

**Richard Bonkowski**  
*Principal*  
**Dr. Casey Crass**  
*9th Grade Assistant Principal*  
**Gregory Munford**  
*10th Grade Assistant Principal*  
**Alex Veston**  
*11th Grade Assistant Principal*  
**Dominique Upsey**  
*12th Grade Assistant Principal*  
**William Snyder**  
*Athletic Director*

**PENNSAUKEN PUBLIC SCHOOLS CST SUPERVISORS**

**Tamara Schmitt**  
*Child Study Team Supervisor (PreK-5)*  
**Amy Collins**  
*Child Study Team Supervisor (6-12, Transition)*

# I. GENERAL INFORMATION

## PREFACE

The 2025-2026 Pennsauken High School Program of Study has been published to provide the students and their parents/guardians with a complete description of all courses offered at Pennsauken High School. The students and their parents/guardians are expected to use this program as a tool to plan for the students' future beyond high school. Before students make course selections, it is crucial that they spend time in thought about their future and their personal goals. The students are expected to discuss their plans with their parents/guardians, counselor, teachers, and, if possible, someone in their anticipated career.

Creating career and educational plans for students is one of the primary objectives of the counseling department at Pennsauken High School. The parents/guardians are vital elements in this process and have been found to be an important influence in students' career decisions. Part of creating these plans consists of selecting courses that will support the students' career and educational goals.

## COUNSELING DEPARTMENT STAFF

Upon entry into Pennsauken High School, students are assigned to counselors alphabetically based on the chart that follows. Counselors remain with their assigned students for the duration of high school.

### Administrative Staff

Staff Member	Extension	Description
Michael McGovern	5219	Director of Student Support Services
Amy Collins	5263	CST Supervisor
Kerri Lilley	5246	Secretary
Yuliia Bence	5232	Secretary
Jessica Mossop	5248	Secretary

### Counselor

### Extension

### Description

Counselor	Extension	Description
Jennifer Stopek	5251	A – Co
Dennis Sherwood	5262	Cp – Ho
Jill Nixon	5289	Hp – Mi
John Doherty	5250	Mj – Ri
Jordan Chery	5247	Rj – Va
Myrtelina Martinez Perez	5252	Vb – Z
		Multilingual Learners

### Special Education Case Management

### CST Member

### Extension

### Description

CST Member	Extension	Description
Erin Whitescarver (LDTTC)	5712	A – Deg
Julie Kotran (Social Worker)	5249	Deh – L
Dana Oppenheimer (Psychologist)	5265	M – Ris
Stefany Rojas (Psychologist)	5260	Rit – Z

**NEW JERSEY DEPARTMENT OF EDUCATION  
MINIMUM GRADUATION REQUIREMENTS  
BY CONTENT AREA**

<b>Course and credit requirements for all students</b>	
<b>Language Arts Literacy</b>	20 credits aligned to grade 9 through 12 standards
<b>Mathematics</b>	15 credits including algebra I and geometry or the content equivalent* and a third year of math that builds on the concepts and skills of algebra and geometry and prepares students for college and 21st century careers
<b>Science</b>	15 credits including at least 5 credits in laboratory biology/life science or the content equivalent*; an additional laboratory/inquiry-based science course including chemistry, environmental science, or physics; and a third laboratory/inquiry-based science course
<b>Social Studies</b>	15 credits including 5 credits in world history; and the integration of civics, economics, geography, and global content in all course offerings, as required by N.J.S.A. 18A:35-1 and 18A:35-2
<b>Financial, Economic, Business, And Entrepreneurial Literacy</b>	2.5 credits
<b>Health, Safety, And Physical Education</b>	15 credits over 4 years including 3.75 credits in health, safety, and physical education during each year of enrollment, distributed as 150 minutes per week, as required by N.J.S.A. 18A:35-5, 7 and 8
<b>Visual And Performing Arts</b>	5 credits
<b>World Languages</b>	5 credits or student demonstration of proficiency
<b>Technological Literacy</b>	Integrated throughout all courses
<b>21st Century Life And Careers, Or Career-Technical Education</b>	5 credits
<b>Total Credits (State Minimum)</b>	120**

\* "Content equivalent" means courses or activities that include the same or equivalent knowledge and skills as those found in traditionally titled courses which are required for high school graduation and which are aligned with the Core Curriculum Content Standards. This content must be taught by certified teachers, may be integrated in one or more courses, may be titled differently, or may present material in an interdisciplinary or spiral format.

\*\* The 120 credit total is greater than the sum of the individual requirements above, to allow for student electives.

**NEW JERSEY DEPARTMENT OF EDUCATION  
ASSESSMENT GRADUATION REQUIREMENTS**

Students must meet the state assessment requirements of demonstrating proficiency in English Language Arts and Mathematics. These requirements can be met by achieving passing scores on high school graduation assessments in both ELA and Mathematics or meeting the criteria of the NJDOE Portfolio Appeal for ELA and Mathematics. Students can also meet these requirements by achieving certain scores on alternative assessments. The latest information can be found here: <http://www.state.nj.us/education/assessment/>.

**COLLEGE AND CAREER PLANNING – NAVIANCE STUDENT**

Many colleges and universities require or recommend more years of academic subjects than is required for a New Jersey High School Diploma. For example, a particular college may require four years of mathematics courses or two years of world languages, while to earn a New Jersey High School Diploma requires only three years of mathematics and one year of a world language.

Since requirements for college, training programs, and employment vary, students must frequently review the requirements of their potential college, training program, or employer. Many of these requirements can be found through Naviance Student. Naviance Student is a comprehensive, web-based college and career readiness tool that enables career exploration, academic planning, and college preparation for students. All students are given a login to Naviance Student. The website address to access Naviance Student is <https://student.naviance.com/penn>.

**COURSE SELECTION**

No student will be denied any course due to race, sex, national origin, or physical handicap.

During middle school, it is imperative that students begin the process of creating career and educational plans. Upon entering high school, part of creating these plans consists of selecting courses that will support the students' career and educational goals. Parents/guardians are strongly encouraged to contact their children's counselors to set up appointments to participate in this process.

Students must make their course selections carefully. The master schedule is developed based on the students' course requests. Much time and effort is expended to make sure that all students can obtain schedules that meets their requests. Once schedules are created, no changes to course requests will be accepted. For a period of approximately one week at the end of the first interim period in each semester, students who have worked diligently but are having much difficulty in advanced courses will be permitted to change to a less advanced level of the same course. These are the only changes that will be permitted. See also [Entrance/Continuation Requirements for Course Levels](#).

COURSE LEVELS OFFERED	
CP	College Preparatory: <ul style="list-style-type: none"> <li>● Courses designed to impart knowledge and higher-order thinking and communicating skills for twenty-first century college, career education, and workforce</li> </ul>
GT	Gifted and Talented: <ul style="list-style-type: none"> <li>● Enrollment in the program is based upon criteria stated in Pennsauken Public Schools Board of Education Policy 2464 Gifted and Talented Pupils.</li> <li>● Gifted and Talented courses are weighted an additional 0.5 toward the student's grade point average.</li> </ul>
Honors	Honors: <ul style="list-style-type: none"> <li>● Honors courses are very rigorous courses designed for the college-bound student with a strong interest in the content areas.</li> <li>● Honors courses are weighted an additional 0.5 toward the student's grade point average.</li> </ul>
AP®	Advanced Placement®: (AP® and Advanced Placement® are registered trademarks of the College Board. Used with permission.) <ul style="list-style-type: none"> <li>● Most four-year colleges in the United States and colleges in more than 60 other countries give students credit, advanced placement or both on the basis of Advanced Placement® Exam scores. AP® Exams are given at Pennsauken High School in the spring. It is highly recommended that students who are enrolled in these courses take the AP® exam.</li> <li>● The Pennsauken Public Schools Board of Education provides support to help defray the cost of the exams.</li> <li>● AP® courses offered: Biology, Calculus AB, Calculus BC, Chemistry, Computer Science Principles, French, English Language, English Literature, Latin, Physics 1, Physics C: Mechanics, Psychology, Spanish, United States Government, United States History, World History</li> <li>● AP® courses are weighted an additional 1.0 toward the student's grade point average.*  <b>* Students must sit for the AP® exam to receive weighted credit toward their grade point average.</b></li> </ul>
Supplemental	<ul style="list-style-type: none"> <li>● Supplemental instruction specifically directed toward mastery of those proficiencies identified as necessary for graduation</li> </ul>
CTE	Career and Technical Education <ul style="list-style-type: none"> <li>● Courses are designed to provide students with entry level knowledge, hands-on skills, and industry-recognized credentials and certifications that are necessary for employment in high demand fields.</li> <li>● The CTE programs integrate academics and combine secondary with post-secondary preparedness.</li> <li>● The CTE programs at PHS provide students with project based learning (PBL) in shop and lab settings which helps them prepare for real-world scenarios.</li> <li>● Each career area offers students the opportunity to earn professional certification and/or licensing.</li> </ul>
JROTC	Junior Reserve Officers' Training Corps (JROTC) in partnership with the U.S. Air Force <ul style="list-style-type: none"> <li>● The mission of the AFJROTC program is to develop citizens of character.</li> <li>● Air Force JROTC provides leadership education, aerospace science, military drill, and a wellness program for high school students.</li> <li>● Air Force JROTC students are offered a wide variety of curricular and extracurricular activities.</li> </ul>

ENTRANCE/CONTINUATION REQUIREMENTS FOR COURSE LEVELS	
GT, Honors, AP®	To enter or continue in GT, Honors, and AP® level courses: <ul style="list-style-type: none"> <li>● Students must earn an "A" in prerequisite CP level courses</li> <li>● Students must earn a "B" or better in prerequisite GT, Honors, and AP® level courses</li> <li>● Additional Criteria for GT level courses stated in BOE Policy 2464 Gifted and Talented Pupils</li> </ul>
CTE, JROTC	To continue in Career and Technical Education or Air Force Junior ROTC courses: <ul style="list-style-type: none"> <li>● Students must earn a "C" or better in prerequisite CTE level courses</li> </ul>

### DUAL ENROLLMENT COURSES

Dual Enrollment, also known as Dual Credit, allows students to take one course and earn both high school and college credit. Agreements with Camden County College (CCC) and Rowan College at Burlington County (RCBC) allow students to take courses at PHS taught by PHS staff and pay a reduced registration fee to the college. Courses are offered through CCC's High School Plus program and RCBC's College Acceleration Program. Students must receive a passing grade in the course and meet the course requirements of the college to receive the dual credit. College requirements vary from course to course and typically require students to receive a qualifying grade to receive credit from the college. The college may require students to pass or take an additional assessment to receive credit. Students taking Dual Enrollment courses are not required to participate in the program. Information for Dual Enrollment will be distributed to students in those courses at the beginning of each semester. **Courses available for dual credit are designated throughout the program of study.**

### ATHLETIC AND ACTIVITY ELIGIBILITY

To be eligible to participate in Fall and Winter Sports, a student must have passed a minimum 30 credits of coursework during the preceding school year. On February 1, a student may become eligible if he/she passes all of their classes from the first semester.

To participate in Spring Sports, a student must have passed a minimum of 15 credits (or equivalent) of coursework in the first semester of that school year.

Notes: Students who are academically eligible at the beginning of a sport or activity are eligible throughout the season and may continue with that activity until it is completed.

## SENIOR OPTION – SPECIAL PROGRAMS

Pennsauken High School utilizes multiple and diverse paths for all students to learn and succeed. Students have the opportunity to explore educational activities that are meaningful and relevant. The Senior Option - Special Programs were created to allow students a pathway to obtain learning experiences outside of the traditional classroom environment. These experiences provide real-world connections not available in the traditional school setting.

Students will be permitted an early release from the school day in order to participate in any of the Senior Option Programs.

The safety, cost and transportation, to and from, most of the Senior Option - Special Programs will be the responsibility of the student's parent/guardian.

Senior Option - Special Programs will only be granted to seniors who are in good standing and on track to graduate at the end of their senior year. Students must adhere to the mandates of the Senior Option - Special Programs Contract in order to participate in the program.

The Senior Option - Special Programs Contract requirements include:

1. Signed parent permission.
2. Signed confirmation of good standing and graduation status by the school counselor.
3. Attendance of parent/guardian, counselor, and student at a meeting with the Principal/School to Career Supervisor to ensure all parties understand and are in agreement with the signed Contract.
4. Signature of the Principal finalizing the Senior Option - Special Programs Contract.

Senior Option - Special Programs status and privilege will be revoked under the following conditions:

1. The student is found on campus during their Senior Option - Special Programs participation times without administrative approval.
2. The student fails to maintain graduation status. This includes fulfilling any state mandated testing as well as all other parameters for graduation.
3. The student has accrued more than 12 unexcused days absent from either PHS or their Senior Option - Special Programs.
4. The student has received more than 7 tier 1 discipline referrals or 2 tier 2 discipline referrals.

SENIOR OPTION - SPECIAL PROGRAMS OFFERED	
Career Readiness Internship	Career Readiness Internship: <ul style="list-style-type: none"> <li>● Internships provide an opportunity for students to experience what it is like to work for a business or organization.</li> <li>● Internship is unpaid.</li> <li>● Students spend three to five afternoons a week in a position that allows them practice and exposure with career readiness skills.</li> </ul>
School-to-Careers	School-to-Careers: <ul style="list-style-type: none"> <li>● Students must be enrolled in a CTE program and working toward their certification and/or licensure.</li> <li>● School-to-Careers allows students to work in their CTE field.</li> <li>● Students are paid and will work at least 15 hours per week.</li> </ul>
School-to-Work	School-to-Work: <ul style="list-style-type: none"> <li>● School-to-Work allows students to work for a business and receive pay.</li> <li>● Students will work about 18 hours per week.</li> </ul>
RCBC Senior Year Option	RCBC Senior Year Option: <ul style="list-style-type: none"> <li>● Students will attend college courses on the RCBC Mount Laurel Campus.</li> <li>● Students must take four courses total each semester (i.e. 3 courses at RCBC and 1 at PHS).</li> <li>● Students are responsible for the cost of tuition.</li> <li>● To participate in Senior Year Option students must:                             <ul style="list-style-type: none"> <li>○ Hold a 3.0 cumulative GPA</li> <li>○ 5 or less days absent the previous school year</li> <li>○ No conduct incidents</li> </ul> </li> </ul>
Community-Based Service	<ul style="list-style-type: none"> <li>● Community Based Service provides students with volunteer opportunities to gain valuable practice with career readiness skills and workplace experience.</li> <li>● Students will not be paid for their service.</li> </ul>

**Additional information and requirements for Senior Option - Special Programs can be found in Senior Option - Special Programs Guide.**

## II.

# ACADEMY PROGRAMS

Pennsauken High School offers coursework through an academy model. Academic academies are clusters of courses built around college majors and careers. Students will progress through a series of courses designed to prepare students for post-secondary education in the field. Pennsauken High School currently offers 8 academy strands.

### ART ACADEMY

In the Art classes, students will be expected to work on a sketchbook both in class and out of class. Tests may be required of each student. Students will have various opportunities to have their work entered in art contests and to be displayed in the school district.

### ART ACADEMY SCOPE AND SEQUENCE

Classes of 2029, 2027

SUBJECT	9th (2029)	10th	11th (2027)	12th
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #2	Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	Math Course #4
		Math Course #3		
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Basic Drawing I	Basic Drawing II	Painting I	Painting II
	*Contemporary Crafting and Design		*Color: Theory and Practice	*Life Drawing
				*Three Dimensional Design

Classes of 2028, 2026

SUBJECT	9th	10th (2028)	11th	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #2	Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	Math Course #4
		Math Course #3		
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Basic Drawing I	Basic Drawing II	*Life Drawing	Painting II
	Painting I		*Three Dimensional Design	*Color: Theory and Practice
				*Contemporary Crafting and Design

### ART ACADEMY COURSE DESCRIPTIONS

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Art History I	CP	5	9-12	None
Basic Drawing I	CP	5	9-12	None
Basic Drawing II	CP	5	9-12	Basic Drawing I
Life Drawing	CP	5	10-12	Basic Drawing I & II
Color: Theory and Practice	CP	5	10-12	None
Contemporary Crafting and Design	CP	5	9-12	None
Three Dimensional Design	CP	5	9-12	Basic Drawing I & II
Painting I	CP	5	9-12	None
Painting II	CP	5	9-12	Painting I

**Art History I – Course #6100**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

The course will cover different time periods commencing with prehistoric visual images and ending with the Rococo movement of the 17th Century. Each time frame will be discussed from a visual arts point-of view relating art to its political, social, economic, philosophical and aesthetic foundation. It is a full semester.

**Basic Drawing I – Course #6105**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This is an introductory course that is part of any foundation for studying art. It focuses on the mastery of fundamental drawing skills through various studio experiences. It encompasses perceptual and some conceptual drawing problems, concentrating on still life subject matter. Areas of concentration include composition and the use of charcoal media.

**Basic Drawing II – Course #6106**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course builds on what was accomplished in Basic Drawing I and leads the student to further explore the drawing medium. Greater depth of ideas and more sophisticated technical execution are emphasized.

**Life Drawing I – Course #6110 \*ODD YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This is a foundation course that provides instruction in drawing the human form.

Dynamics, proportion, anatomy, volume and structure are investigated through various drawing methods and selected materials.

**Color: Theory and Practice – Course #6120 \*EVEN YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course will expand the student's understanding of color through a thorough exploration of Johannes Itten's fundamental color theory principles. Through lecture, demonstration, studio projects, reading assignments and analysis of work by some of the

great masters of Western painting, the student will learn about the color circle and the seven color contrasts. Subjective feeling and objective color principles will also be addressed.

**Contemporary Crafting and Design – Course #6128 \*EVEN YEARS**

College Prep – Grades 9 -12

(5.00 cr.) – 5 block periods per week – semester

This course is a hands-on course designed to give students opportunities to develop skills and design thinking in a variety of techniques. Students will get to experience working with a variety of different mediums such as paint, clay, and yarn while learning multiple studio techniques.

**Three Dimensional Design – Course #6130 \*ODD YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course is an extension of two-dimensional design concepts into volumetric relationships emphasizing design concepts through structural and sculptural form. Various traditional materials will be explored. When available, the computer will be introduced as a supplemental tool.

**Painting I – Course #6135**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course will teach the student the use of painting materials, using colors and how to draw accurately. Their first attempts will be a still life which will aid them in perfecting their methodology. Group and individual instruction will be used. Each student will produce at least one still life painting from the class set-up. Students are advised to take Drawing I as a prerequisite to this course.

**Painting II – Course #6136**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed for art majors or visual arts oriented students. The student will be working from models as well as still life setups. Demonstrations and individual instruction will be given at appropriate intervals. Emphasis will be placed on student portfolio development as well as the development of a personal style. Student individuality will be emphasized.



**BUSINESS ACADEMY**

The business courses are designed to provide students with hands-on and real life application of business theory. Tests may be required of each student. Project-based learning will be integrated into the courses.

**BUSINESS ACADEMY SCOPE AND SEQUENCE**

Classes of 2029, 2027

SUBJECT	9th (2029)	10th	11th (2027)	12th
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #2	Math Course #4	Math Course #5
		Math Course #3	Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Introduction to Business	Introduction to Management	*Macroeconomics	Financial Accounting
	*Principles of Marketing			*Managerial Accounting
				*Microeconomics

Classes of 2028, 2026

SUBJECT	9th	10th (2028)	11th	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	Math Course #4
	Math Course #2			Math Course #5
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Introduction to Business	Introduction to Management	*Managerial Accounting	Financial Accounting
		*Principles of Marketing	*Microeconomics	*Macroeconomics

**BUSINESS ACADEMY COURSE DESCRIPTIONS**

Courses Offered					
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )	
Introduction to Business	CP	5	9-12	None	
Introduction to Management	CP	5	10-12	None	
Financial Accounting	CP	5	11-12	Introduction to Business; Algebra II	
Managerial Accounting	CP	5	11-12	Introduction to Management, Financial Accounting	
Principles of Marketing	CP	5	9-12	Introduction to Business	
Macroeconomics	CP	5	11-12	Algebra II	
Microeconomics	CP	5	11-12	Algebra II	

**Introduction to Business – Course #6400**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course surveys the internal and functional complexity of business organizations.

Emphasis is placed upon examining the ethical issues and demographic diversity faced by organizations, the understanding of business terminology, and the impact of technology on business.

**Financial Accounting – Course #6405**

**\*Available for Dual Enrollment through CCC**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course is a study of financial accounting emphasizing the accounting cycle, merchandising accounting, income measurement, valuation of assets, internal controls, accounting for long-lived assets, financial statement presentation and interpretation and accounting for stockholders' equity.

**Managerial Accounting – Course #6406 \*ODD YEARS**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course presents a study of cost systems used by management to control a business and to assist in improving operating results by use of cost accounting methods. The job order and process system will be studied as well as budgets, standard costs, cost estimates and direct costing techniques.

**Introduction to Management – Course #6410**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course introduces the basic principles and major theoretical approaches as well as the application of these theories and contemporary philosophies as related to current managerial situations. Areas such as employee motivation, leadership, organizational structure and change, planning and control methods will be discussed.

Lecture (45.00)

**Principles of Marketing – Course #6415 \*EVEN YEARS**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

The goal of this course is to introduce students to the complexities faced by a company/ organization as it markets its goods, services, and/or ideas. The course will explore the nature, function, and scope of modern marketing; analysis of the market, the product, and

the distributions structure from producer to consumer; principles, practices, and policies of the price system; promotional activities; including the sales and advertising program; planning and evaluating the marketing system.

**Macroeconomics – Course #6420 \*EVEN YEARS**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This study of macroeconomics provides knowledge and understanding of the American economy as a whole. Topics include economic resources, the economizing program, supply and demand relationships, public and private sectors and national income accounting.

**Microeconomics – Course #6421 \*ODD YEARS**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This study of microeconomics is a continuation of Economics I with emphasis on the individual firm and the individual household. The course discusses the most profitable output for the firm. Topics include labor, agriculture, competition, economic growth and poverty.

**COMMUNICATIONS ACADEMY**

The communications courses are designed to provide students with hands-on experiences in the communications field in various media forms including broadcasting.

**COMMUNICATIONS ACADEMY SCOPE AND SEQUENCE**

Classes of 2029, 2027

SUBJECT	9th (2029)	10th	11th (2027)	12th
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Math Course #4	Math Course #5
	Math Course #2		Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	AP Chemistry
			AP Biology	AP Physics
Social Studies	World History Course	U.S. History I Course		U.S. History II Course
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts		Related Arts elective		
Academy Courses	Multimedia I	Broadcasting I	*Broadcasting II	*Multimedia II

Classes of 2028, 2026

SUBJECT	9th	10th (2028)	11th	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Math Course #4	Math Course #5
	Math Course #2		Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	AP Chemistry
			AP Biology	AP Physics
Social Studies	World History Course	U.S. History I Course		U.S. History II Course
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts		Related Arts elective		
Academy Courses	Multimedia I	Broadcasting I	*Multimedia II	*Broadcasting II

**COMMUNICATIONS ACADEMY COURSE DESCRIPTIONS**

Courses Offered					
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )	
Multimedia I	CP	5	9-12	None	
Multimedia II	CP	5	10-12	Multimedia I	
Broadcasting I	CP	5	10-12	None	
Broadcasting II	CP	5	10-12	Broadcasting I	

**Broadcasting I - Course #6701**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

Learn the same broadcast techniques professionals use to create television productions. Work in a state-of-the-art television studio to help broadcast events all over Pennsauken High School. Produce news and sports programming. In our school's studio, students will learn video tools, techniques, planning and materials. Gain hands-on experience operating lights, cameras, sound and video editing equipment. We recommend this course for anyone interested in careers in communications including radio, TV, film, journalism, advertising and public relations.

**Broadcasting II - Course #6702 \*EVEN YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

Leap forward with a more advanced study of television production. Build on the skills learned in Broadcasting I. Learn to solve problems that occur in the course of television

productions. Develop advanced skills in digital video technology. Plan, record and edit professional-quality products. Learn to film on location. Gain independence and develop responsibility for television productions broadcast to the school and community. Discover advanced theories and investigate the history of television. You will leave the course with skills you can enhance in a college communications program.

**Multimedia I - Course #6706**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

Take the first step toward a career in communications by learning about fields of journalism, advertising, public relations. Explore blogging and content creation for the Internet. Develop your own projects as you discover these fields. Write news and sports broadcasts, create advertisements, and craft public relations messages. Investigate how professionals use social media to attract the audiences for their productions. Through hands-on, creative assignments supported by class lessons, mentoring style relationships with the teacher, you will grow toward becoming a member of the media.

**Multimedia II - Course #6707 \*ODD YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

Polish all the skills you have learned in communications programs. Create advanced multimedia projects that will serve our school and community. If you want to work in front

of a camera or behind it, if you want to write, edit or design graphics, if you see your future in a web-based information business, you need what this course offers. Discover all the components of the media and broadcasting. Explore the history of media as you prepare yourself for the challenges of the future. This course will focus heavily on independent and group projects.

**CRIMINAL JUSTICE ACADEMY**

The criminal justice courses are designed to provide students with hands-on and real life application of criminal justice theory. Tests will be required of each student. Project-based learning will be integrated into the courses.

**CRIMINAL JUSTICE ACADEMY SCOPE AND SEQUENCE**

Classes of 2029, 2027

SUBJECT	9th (2029)	10th	11th (2027)	12th
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	Math Course #4
	Math Course #2		SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies/ Social Sciences	World History Course	U.S. History I Course	U.S. History II Course	Introduction to Sociology
		Basic Psychology/Psychology AP		
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Administration of Justice	Legal Systems	*Juvenile Delinquency	*Community Policing
			*Contemporary Corrections	*Criminal Law

Classes of 2028, 2026

SUBJECT	9th	10th (2028)	11th	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	Math Course #4
	Math Course #2		SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies/ Social Sciences	World History Course	U.S. History I Course	U.S. History II Course	Introduction to Sociology
		Basic Psychology/Psychology AP		
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Administration of Justice	Legal Systems	*Community Policing	*Juvenile Delinquency
			*Criminal Law	*Contemporary Corrections

**CRIMINAL JUSTICE ACADEMY COURSE DESCRIPTIONS**

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Administration of Justice	CP	5	9-12	None
Legal Systems	CP	5	10-12	Administration of Justice
Juvenile Delinquency	CP	5	10-12	Legal Systems, Psychology
Community Policing	CP	5	10-12	Legal Systems
Criminal Law	CP	5	10-12	Legal Systems
Contemporary Corrections	CP	5	10-12	Legal Systems

**Administration of Justice – Course #6600**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course introduces the student to the American system of criminal justice. Its growth and development will be examined with emphasis placed on the various subsystems of the criminal justice system and contemporary issues, which challenge its functional efficiency and effectiveness.

**Legal Systems –Course #6605**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course examines the judicial process with emphasis on New Jersey and federal jurisdictions. The course provides an introduction to legal research and methodology, court administration, and judicial discretion. In addition, the course will

examine the contributions of other legal systems to the American judicial process.

**Juvenile Delinquency – Course #6610 \*EVEN YEARS**

***\*Available for Dual Enrollment through CCC***

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course provides an analysis of current sociological and psychological factors contributing to delinquent behavior that occurs during the period between childhood and adulthood and includes causation, control, and the attitudes of society toward this phenomenon.

**Community Policing – Course #6611 \*ODD YEARS**

***\*Available for Dual Enrollment through CCC***

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course provides an overview of the concepts of Community Policing, which focuses on problem solving, community partnerships and organizational transformation. Emphasis is placed on students taking a systematic approach to community policing as a philosophy

in the changing role of police in the community. Their combined effort helps to bridge the gap between the police and the community.

**Criminal Law – Course #6615 \*ODD YEARS**

NCAA Approved

***\*Available for Dual Enrollment through CCC***

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course traces the historical development of criminal law from ancient times to the present. The impact of the Constitution and current judicial decisions, as well as the development of the modern penal code, will be discussed.

**Contemporary Corrections – Course #6620 \*EVEN YEARS**

***\*Available for Dual Enrollment through CCC***

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This is an introductory course in the study on penology, examining the development of correctional theory and practice from the custodial treatment and administrative viewpoints.

## ENGINEERING ACADEMY

The Engineering courses are designed to provide students with hands-on and real life application of skills in engineering. Project-based learning will be a focus of the courses.

### ENGINEERING ACADEMY SCOPE AND SEQUENCE

Classes of 2029, 2027

SUBJECT	9th (2029)	10th	11th (2027)	12th
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	Math Course #5)
	Math Course #2	Math Course #4		
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	AP Chemistry
				AP Physics
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Introduction to Engineering	Principles of Engineering	AP Computer Science Principles	*Engineering and Design
			*Digital Electronics	

Classes of 2028, 2026

SUBJECT	9th	10th (2028)	11th	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	Math Course #5
	Math Course #2	Math Course #4		
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	AP Chemistry
				AP Physics
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Introduction to Engineering	Principles of Engineering	AP Computer Science Principles	*Digital Electronics
			*Engineering and Design	

### ENGINEERING ACADEMY COURSE DESCRIPTIONS

Courses Offered					
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )	
Introduction to Engineering	CP	5	9-12	None	
Principles of Engineering	CP	5	10-12	Science of Engineering OR Introduction to Engineering	
Computer Science Principles AP®	AP®	5	10-12	Principles of Engineering	
Digital Electronics	CP	5	10-12	Computer Science Principles AP®	
Engineering and Design	CP	5	10-12	Computer Science Principles AP®	

#### Introduction to Engineering– Course #6800

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

#### Principles of Engineering –Course #6805

NCAA Approved

College Prep – Grades 10-12

Prerequisite: Introduction to Engineering

(5.00 cr.) – 5 block periods per week – semester

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

#### Computer Science Principles AP® – Course #6810

Advanced Placement – Grades 10-12

Prerequisite: Principles of Engineering

(5.00 cr.) – 5 block periods per week – semester

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. This course helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for Computer Science Principles AP® (CSP AP®). This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP® Curriculum Framework standards and the CSP AP® assessment.

Computer Science Principles AP® introduces you to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

The CSP AP® course is organized around seven big ideas:

Creativity, Abstraction, Data and Information, Algorithms, Programming, the Internet, and Global Impact

### **Digital Electronics – Course #6813 \*EVEN YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

The major focus of the Digital Electronics course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Students will analyze, design, and build digital electronic circuits while continually honing their professional skills, creative abilities, and understanding of the circuit design process.

### **Engineering and Design – Course #6815 \*ODD YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.



**GRAPHIC DESIGN ACADEMY**

The graphic design courses are devised to provide students with hands-on practice and application of graphic design skills and theory. Tests may be required of each student. Project-based learning will be integrated into the courses. Extensive use is made of computers and graphic design software.

**GRAPHIC DESIGN ACADEMY SCOPE AND SEQUENCE**

Classes of 2029, 2027

SUBJECT	9th (2029)	10th	11th (2027)	12th
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Computer Graphic Design I	Computer Graphic Design II	*Computer Graphic Design III	2D Animation
		Computer Animation I	*Computer Animation II	*Digital Photography
				*Web Page Design I
				*Computer Animation III

Classes of 2028, 2026

SUBJECT	9th	10th (2028)	11th	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	Math Course #4
	Math Course #2		SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2		World Language Course #3
Related Arts				Related Arts elective
Academy Courses	Computer Graphic Design I	Computer Animation I	*Digital Photography	2D Animation
		*Computer Animation II	*Web Page Design I	Computer Graphic Design II
			*Computer Animation III	*Computer Graphic Design III

**GRAPHIC DESIGN ACADEMY COURSE DESCRIPTIONS**

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Computer Graphic Design I	CP	5	9-12	None
Computer Graphic Design II	CP	5	10-12	Computer Graphic Design I
Computer Animation I	CP	5	10-12	Computer Graphic Design II
Digital Photography	CP	5	10-12	None
2D Animation	CP	5	9-12	None
Computer Animation II	CP	5	10-12	Computer Animation I
Web Page Design I	CP	5	10-12	Computer Graphic Design II
Computer Animation III	CP	5	10-12	Computer Animation II
Computer Graphic Design III	CP	5	10-12	Computer Graphic Design II

**Computer Graphic Design I – Course #6200**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course will provide studio experience in computer graphics art and design. This combined studio/lecture course is an introduction to the creative possibilities of graphics

computing and to the historical, conceptual, technical, and contemporary background of computers and computer graphics. Emphasis is placed on the visual-problem solving process through the use of applications and equipment. Students will be able to utilize a variety of software and hardware which includes bit-mapped raster and object-oriented vectoring software programs. This course includes in-class lab time.

**Computer Graphic Design II – Course #6201**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course builds on the foundation in Computer Graphic Design I. It further develops the student's basic computer graphic design and skills with particular emphasis on computer imagery created by various photo imaging programs. Students will study advanced manipulation tools which allow the artist to create electronic images directly on the computer screen by controlling the color and intensities of each pixel. Creative and conceptual development are emphasized throughout the course. This course includes in-class lab time.

**Computer Animation I – Course #6205**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course introduces the fundamental 3D principles of modeling and animation. Topics include; perspective and the anatomy of a figure. The student will learn the basic concepts of shape and object manipulation. Lectures include demonstration of industry leading modeling and rendering software used in assignments and class discussions. This course includes in-class lab time.

**Digital Photography – Course #6210 \*ODD YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course will introduce the computer as a powerful tool for the photographer. We will discuss the ethical, philosophical and practical considerations regarding the digital image process as it shapes our lives, both as members of a rapidly changing society and as photography professionals. This course will cover multiple ways to digitize images, image editing software, and different forms of out-putting the digitized image. We will also discuss image making in the context of contemporary photography art practice.

**2D Animation – Course #6215**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is an introduction to two-dimensional animation. The student will study the principles of animation and the art of motion, learn how to create and animate characters and explore basic animation techniques. This course includes in-class lab time.

**Computer Animation II – Course #6220 \*EVEN YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course builds on the foundation in Computer Animation I. It further develops the student's basic animation skills with particular emphasis on lighting, motion and rendering. Students will study advanced computerized animation techniques, working in the three dimensional environment. Emphasis is on creative content experimentation and critical thinking. Creative and conceptual developments are emphasized throughout the course. This course includes in-class lab time.

**Web Page Design I – Course #6225 \*ODD YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This will introduce the student to elements of web design. This combined lecture/lab course is an introduction to the creative possibilities of web design. Emphasis is placed on the visual problem solving process through the use of applications and equipment. The course will also focus on how the advertising market is changing and using the Internet as a tool for communication. Students will use industry standard software as well as coding to develop web pages.

**Computer Animation III – Course #6230 \*ODD YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course explores advanced concepts in 3D designing and producing computer-generated animation. Students begin production of animation samples that demonstrate creativity and knowledge of sophisticated animation techniques. Students will complete a number of 3D projects and assignments, research animation career opportunities, and develop a video portfolio of their own work. All Computer Graphic classes now include in-class lab time.

**Computer Graphic Design III – Course #6235 \*EVEN YEARS**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

An in-depth study of digital computerized imagery will be explored in detail. This advanced course will explore both a fine art and commercial art approach to digital imagery and will allow students to apply their knowledge to the realizations of visual images. All Computer Graphic classes now include in-class lab time.

**HEALTH SCIENCE (NURSING) ACADEMY**

The Health Science (Nursing) Academy program focuses on the acquisition of the knowledge and skills necessary in the nursing field. The courses emphasize physical, social, and behavioral sciences.

**HEALTH SCIENCE (NURSING) ACADEMY SCOPE AND SEQUENCE**

Classes of 2029, 2027

SUBJECT	9th (2029)	10th	11th (2027)	12th
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Math Course #4	Math Course #5
	Math Course #2		Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	AP Biology
	Introduction to Nutrition	Anatomy and Physiology I	Anatomy and Physiology II	Basic Microbiology
Social Studies/ Social Sciences	World History Course	U.S. History I Course	U.S. History II Course	*Developmental Psychology
		Basic Psychology/Psychology AP		
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective

Classes of 2028, 2026

SUBJECT	9th	10th (2028)	11th	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Math Course #4	Math Course #5
	Math Course #2		Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	AP Biology
	Introduction to Nutrition	Anatomy and Physiology I		Anatomy and Physiology II
				Basic Microbiology
Social Studies/ Social Sciences	World History Course	U.S. History I Course	U.S. History II Course	
		Basic Psychology/Psychology AP	*Developmental Psychology	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective

As shown above, the Health Science (Nursing) Academy program has been established using courses from the General Education departments, including the Science and Social Sciences departments.

## INFORMATION TECHNOLOGY ACADEMY

The information technology courses are designed to provide students with hands-on and real life application of computing skills and theory. Tests may be required of each student. Project-based learning will be integrated into the courses. Extensive use is made of computers and various software.

### INFORMATION TECHNOLOGY ACADEMY SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Math Course #4)	Math Course #5 Elements of Statistics I
	Math Course #2		Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Computer Literacy	Fundamentals of Programming	Introduction to Programming	Spreadsheets
		Personal Computer Application		Database Management

### INFORMATION TECHNOLOGY ACADEMY COURSE DESCRIPTIONS

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Computer Literacy	CP	5	9-12	None
Fundamentals of Programming	CP	5	9-12	None
Introduction to Programming	CP	5	9-12	None
Personal Computer Application	CP	5	9-12	None
Spreadsheets	CP	5	9-12	None
Database Management	CP	5	9-12	None

#### **Computer Literacy – Course #6500**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to provide the student with the knowledge and skills to use computers efficiently. Students will also learn the many facets of information technology, the way in which the world is being changed by it, and the associated risks and potential implications of technology in society. Introduction to Computer Science will be a focus and students will work with Python. Knowledge of the keyboard is recommended for success in this course. This course is taught in a room with computers. Students benefit by interacting with the lecture material. It is a full semester.

#### **Fundamentals of Programming – Course #6505**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This is an introductory Computer Science course in which students will learn the fundamentals of object-oriented programming in a 3-dimensional, interactive, animation environment. Students will create animation projects using a special software package for creating animation in small virtual worlds using 3-dimensional models. Students will obtain a strong core of fundamental programming concepts and problem-solving techniques, providing a basis for further study in a variety of computer related fields.

#### **Introduction to Programming – Course #6510**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to introduce students to logical thinking and basic programming aspects using mainstream programming tools and an integrated development environment. Topics include object-oriented programming concepts, designing graphical user interface (GUI), event-driven programming, assigning properties, writing, testing, and debugging code. Data types, variables, constants, sequential, conditional, and repetitive statements, menus, dialog boxes, subprograms, functions, parameters, lists and combo Boxes will be explored. Basic computer skills are expected.

#### **Personal Computer Applications – Course #6515**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is an introduction to microcomputers in which the student will become familiar with the operation of the operating system, word processing, spreadsheets, database applications, presentation software and the Internet. The course will focus on helping the student logically plan the processes that are necessary to communicate with the computer to produce a desired result. During the semester, students will learn the Windows Operating System, the Microsoft Office Suite (Word, Excel, Access and PowerPoint), and a web browser to access the Internet/WWW.

#### **Spreadsheets – Course #6520**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed for students in Computer Information Systems, Office Systems Technology, business or related fields. Students will learn to use a popular spreadsheet package and learn to plan, build, test and document spreadsheets. Emphasis is placed on real life applications using a case study approach. Topics include: formulas, charts, functions, creating and using macros, examining "what-if" alternatives, worksheet databases and integrating worksheet applications.

#### **Database Management – Course #6525**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed for students in Computer Information Systems, Office Systems Technology, business or related fields. Students will learn to use a popular relational database management system. Basic database concepts will be introduced. Students learn how to plan, create and maintain databases. Other topics include: queries, customized forms, reports and introduction to user interface design, macros and a database programming language. SQL will be introduced as well as elementary database design concepts.

**MUSIC**

The music courses are designed to provide students with hands-on and collaborative practice of techniques and methods. Tests may be required of each student. Students will be expected to perform and present in front of peers and other audiences.

**MUSIC (INSTRUMENTAL) ACADEMY SCOPE AND SEQUENCE**

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Math Course #4	Math Course #5
	Math Course #2		Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Instrumental Music	Instrumental Music	Instrumental Music	Instrumental Music
		Current Music		Music Technology
				(Additional course in area of interest)

**MUSIC (INSTRUMENTAL) ACADEMY COURSE DESCRIPTIONS**

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Current Music	CP	5	9-12	None
Instrumental Music	CP	5	9-12	None
Music Technology	CP	5	9-12	None

**Current Music – Course #6320**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course will explore the evolution of American music including jazz, rock, pop, hip-hop, and rap. Emphasis will be placed on the interdependence and influence between American music and culture and its social and aesthetic significance. The course also focuses on the enjoyment of music, methods for comprehending music, listening techniques, and discernment of musical elements. Another aspect of the course is that students will receive preliminary instruction in learning how to play guitar. Students who complete this course will develop skills in critical listening, musical analysis, and technological analysis.

**Instrumental Music – Course #6330**

College Prep – Grades 9 – 12

(5.00 cr.) – 5 blocks per week – semester

This course is open to students with or without previous band experience. Instrumental music instruction is aligned with enhancing the ability levels of the students. This class

meets daily during the school day for the purpose of developing instrumental music ensembles (symphonic band, orchestra, string orchestra, and jazz band) to perform at the Winter and Spring Concerts. In addition to receiving instrumental music instruction and performing at school concerts, select students will have the opportunity to increase school and community spirit through performances at sporting events and parades. Afterschool practices and performances outside of the school day are typically a required part of the course. The director will help students find the right fit regarding their chosen instrument, and group lessons will take place during lunch periods as well as afterschool.

**Music Technology – Course #6335**

College Prep – Grades 9 – 12

(5.00 cr.) – 5 blocks per week – semester

Music Technology will introduce students to the uses, concepts, techniques, and terminology through various computer-based music applications. The course will also provide an introduction to music fundamentals, notation, and theory through music technology and digital recording.

**MUSIC (VOCAL) ACADEMY SCOPE AND SEQUENCE**

Classes of 2029, 2027

SUBJECT	9th (2029)	10th	11th (2027)	12th
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	Math Course #4
	Math Course #2		SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course		Physics Course
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Concert Choir I	Concert Choir II	Musical Theater	Children's Theater
		*Acting I	*Music Theory I	*Music Theory II
			*Acting II	

Classes of 2028, 2026

SUBJECT	9th	10th (2028)	11th	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #2	Math Course #3	Math Course #4
			Financial Literacy (2.5 cr) SAT Math/ELA Prep (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course		Physics Course
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2	World Language Course #3	World Language Course #4
Related Arts				Related Arts elective
Academy Courses	Concert Choir I	Concert Choir II	Musical Theater	Children's Theater
	*Acting I	*Music Theory I	*Music Theory II	*Acting II

**MUSIC (VOCAL) ACADEMY COURSE DESCRIPTIONS**

Courses Offered					
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )	
Music Theory I (Vocal/Instr)	CP	5	9-12	None	
Music Theory II (Vocal/Instr)	CP	5	9-12	Music Theory I	
Concert Choir I (Vocal)	CP	5	9-12	None	
Concert Choir II (Vocal)	CP	5	10-12	None	
Musical Theater (Vocal)	CP	5	10-12	None	
Children's Theater (Vocal)	CP	5	10-12	Choir I or Choir II or Musical Theater	
Acting I	CP	5	9-12	None	
Acting II	CP	5	9-12	Acting I	

**Music Theory I (Vocal/Instr) – Course #6305 \*EVEN YEARS**

**\*Available for Dual Enrollment through CCC**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

Music Theory I is an advanced course for music majors in diatonic music analysis. The course covers advanced concepts of key signatures, rhythmic values, time signatures, major/minor scales, triads, seventh chords, inversion figured bass, popular music symbols, cadences, melodic principles, harmonic analysis and nonharmonic tones. Students entering into the class should understand basic key signatures and time signatures, as well as, how to read music in treble and bass clefs.

**Music Theory II (Vocal/Instr) – Course #6306 \*ODD YEARS**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

Music Theory II is an advanced course for music majors in diatonic music analysis. The course builds off the concepts of taught in Music Theory I. Students will learn to identify and construct triads on each step of major and minor scales, primary and secondary triads, rules governing doubling and spacing of root position and 1st and 2nd inversion, phase structure, six cadences, and basic harmonic progressions and substitutions.

**Concert Choir I (Vocal) – Course #6315**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to provide students with an arrangement of musical experiences. Music technique and repertoire lesson material is generated from intermediate-level methodology and covers basic piano technique and a simple repertoire building. Music Fundamentals are covered. The program is designed to give students the opportunity to sing the great choral music of various eras. Appropriate style, phrasing, vocal production, and musicianship are taught. It is a full semester. Individual lessons during students' lunch periods are required.

**Concert Choir II (Vocal) – Course #6316**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to provide students with an arrangement of musical experiences. Music technique and repertoire lesson material is generated from advanced-level methodology and covers basic piano technique and a simple repertoire building on the skills covered in Concert Choir I. The program is designed to give students the opportunity to sing the great choral music of various eras. Appropriate style, phrasing, vocal production, and musicianship are taught. It is a full semester. Individual lessons during students' lunch periods are required.

**Musical Theater (Vocal) – Course #6317**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to provide students with an arrangement of musical experiences. Music technique and repertoire lesson material is generated from advanced-level methodology building on the skills covered in Concert Choir II. The program is designed to give students the opportunity to sing and perform the great choral music of various eras. Music theater performance is required; dancing and singing are major elements of this class. Appropriate style, phrasing, vocal production, and musicianship are taught. A recital

is prepared and executed by the students. It is a full semester. Individual lessons during students' lunch periods are required.

**Children's Theater (Vocal) – Course #6318**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

During this course, students will gain insight into the philosophies, purposes, and processes of developing theatre for youth and young audiences. The course will explore teaching drama to youth, devising and adapting stories, acting styles and techniques, and production design and management. The class will culminate in a fully realized production, produced and performed by the students, for a youth audience. Children's Theater focuses on vocal performance. Students will rehearse and perform classical and contemporary choral literature and will learn proper vocal techniques. It is a full semester. Individual lessons during students' lunch periods are required.

**Acting I – Course #6370 \*ODD YEARS**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course introduces beginning students to acting through exercise for the control of the voice, body, and concentration. Theatre games and improvisations are used to make students relaxed and aware of themselves. Students are given a beginning approach to characterization and will present simple scenes for analysis and criticism.

**Acting II – Course #6375 \*EVEN YEARS**

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This is a further continuation of Acting I. Students are given a deeper approach to basic characterization and are taught how to create a role. Students learn how to create a role with emphasis on script breakdown, scoring a part, approaches to individual style.

# III. CAREER AND TECHNICAL EDUCATION PROGRAMS

The Career and Technical Education Programs at Pennsauken High School are designed to provide students with entry level knowledge, hands-on skills, and industry-recognized credentials and certifications that are necessary for employment in high demand fields. The CTE programs integrate academics and combine secondary with post-secondary preparedness. The CTE programs at PHS provide students with project based learning (PBL) in shop and lab settings which help them prepare for real-world scenarios. An advisory board, whose members include industry representatives, guides each career area, providing co-op and internship opportunities as well as ensuring the curriculum is aligned to industry demands. Each career area offers students the opportunity to earn professional certification and/or licensing. Pennsauken High School currently offers six state approved CTE programs. In all courses within the CTE division of Pennsauken Public Schools, students must obtain a "C" or better to move onto the next course in the career and technical education program. See [Entrance/Continuation Requirements for Course Levels](#).

## AUTOMOTIVE TECHNOLOGY PROGRAM

This program is intended for students interested in becoming certified auto technicians. The Automotive Technology courses at Pennsauken High School are instructed in an automotive repair facility classroom fully equipped with automotive maintenance and repair equipment to perform repairs in a setting where safety is a primary concern. Students will have the opportunity to become familiar with automotive terminology, trade-related computer software, and experience hands-on diagnostics and repair procedures. Safety procedures are emphasized. The program also focuses on preparing students to master the skills necessary for NATEF (National Automotive Technicians Education Foundation). At the end of the program, students will have the opportunity to earn student ASE (Automotive Service Excellence) certification. **All students must purchase and wear coveralls and steel-toe boots. Students are responsible for providing their own boots and coveralls.**

### AUTOMOTIVE TECHNOLOGY PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Automotive Technology I	Automotive Technology II	Automotive Technology III	Automotive Technology IV

### AUTOMOTIVE TECHNOLOGY PROGRAM COURSE DESCRIPTIONS

Course Title	Courses Offered				Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
	Level	Credits	Grade Level		
Automotive Technology I	CTE	10	9	None	
Automotive Technology II	CTE	10	10	Automotive Technology I	
Automotive Technology III	CTE	10	11	Automotive Technology II	
Automotive Technology IV	CTE	10	12	Automotive Technology III	

#### **Automotive Technology I – Course #9105**

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This is the first in a series of courses, which extend over a four year period. Successful completion of this course will enable the student to proceed into the second year of the Automotive Program. Students will discuss, learn and perform maintenance procedures on all automotive systems. This module is designed to provide a learning environment to students interested in general engine and emission control repair. The student will have the opportunity to become familiar with automotive terminology, trade-related computer software, and experience hands-on diagnostics and repair procedures in a shop/lab situation. Safety procedures will be emphasized. This program will also focus on preparing the students to master the skills necessary for ASE certification. **All students must purchase and wear coveralls and steel-toe boots in this course. Students are responsible for providing their own boots and coveralls.**

#### **Automotive Technology II – Course #9110**

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

Students will receive instruction on and perform advanced maintenance procedures on all the automotive systems. This module is designed to provide a learning environment to students interested in brake and frontend system repair. Systems such as brakes, wheel

alignments and air-conditioning will now be explored. The student will have the opportunity to become familiar with automotive terminology, trade-related computer software, and experience hands-on diagnostics and repair procedures in a shop/lab situation. Safety procedures will be emphasized. This program will also focus on preparing the students to master the skills necessary for ASE certification. Students will be required to use tools and automotive maintenance and repair equipment to perform repairs in a setting where safety is a primary concern. **All students must purchase and wear coveralls and steel-toe boots in this course. Students are responsible for providing their own boots and coveralls.**

#### **Automotive Technology III – Course #9115**

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This is the third course in the series of courses designed to prepare the student for a career in automotive technology and ASE certification. This module is designed to provide a learning environment to students interested in heating, cooling, and electrical systems repair. Automatic and manual transmissions, electrical troubleshooting, along with engine diagnostics will be emphasized. The student will have the opportunity to become familiar with automotive terminology, trade -related computer software, and experience hands-on diagnostics and repair procedures in a shop/lab situation. Safety procedures will be emphasized. This program will also focus on preparing the students to master the skills



necessary for ASE certification. Concepts centered on good work ethics and customer satisfaction will be addressed. **All students must purchase and wear coveralls and steel-toe boots in this course. Students are responsible for providing their own boots and coveralls.**

**Automotive Technology IV – Course #9120**

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This is the final course in the program designed to prepare the student for a career in automotive technology and ASE certification. This module is designed to provide a learning environment to students interested in transaxle, rear differential, and general transmission repair. The student will have the opportunity to become familiar with automotive terminology, trade- related computer software, and experience hands-on diagnostics and repair procedures in a shop/lab situation. Safety procedures will be emphasized. This course will also provide practice and preparation for ASE certification. **All students must purchase and wear coveralls and steel-toe boots in this course. Students are responsible for providing their own boots and coveralls.**

## BAKING PROGRAM

This program is intended for students interested in entering the baking profession. Offered through a partnership with Puratos Bakery School, the Baking courses at Pennsauken High School are instructed in a kitchen fully equipped with state of the art equipment. Safety and sanitation are emphasized throughout the program. Students will become familiar with baking science, theory, and procedures. The program also focuses on preparing students to receive certification from the Retail Bakers of America. **Students must wear long pants and closed toe shoes in the shop.**

### BAKING PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Baking I	Baking II	Baking III	Baking IV

### BAKING PROGRAM COURSE DESCRIPTIONS

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Baking I	CTE	10	9	None
Baking II	CTE	10	10	Baking I
Baking III	CTE	10	11	Baking II
Baking IV	CTE	10	12	Baking III

#### **Baking I – Course #9155**

CTE - Grade 9

(10.00 cr.) – 5 block periods per week – full year

This course is designed to introduce students to the world of baking. The beginning of the course includes an emphasis on sanitation and basic techniques. Areas of focus include bread theory, management and costing, and study of various cuisines. **Students must wear long pants and closed toe shoes in the shop.**

#### **Baking II – Course #9160**

CTE - Grade 10

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the skills in Baking I and further develop students' abilities in the kitchen. Sanitation and safety procedures will be emphasized. Areas of focus include chocolate theory, desserts, decorating theory, and advanced bread techniques. **Students must wear long pants and closed toe shoes in the shop.**

#### **Baking III – Course #9165**

CTE - Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course is designed to further develop students' baking skills with a focus on food pairing and presentation. Areas of focus include food allergies and dietary needs, confection and design theory and food photography. **Students must wear long pants and closed toe shoes in the shop.**

#### **Baking IV – Course #9170**

CTE - Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course serves to take the skills learned throughout the Baking program and transition them into a business environment. Areas of focus include ServSafe test prep and certification and RBA test prep and certification. **Students must wear long pants and closed toe shoes in the shop.**

## CARPENTRY PROGRAM

This program is intended for students who are interested in becoming career carpenters. The Carpentry courses at Pennsauken High School are instructed in a facility classroom fully equipped with state of the art woodworking and construction equipment in a setting where safety is a primary concern. In the Carpentry program, students become familiar with construction terminology, safety procedures, and power and hand tools. Building and framing are emphasized. The program also focuses on preparing students to master the skills necessary to pass the SkillsUSA exam. A partnership with the United Brotherhood of Carpenters ensures students leave the program ready to enter apprenticeships. At the end of the program, students will have the opportunity to earn SkillsUSA and OSHA (Occupational Safety and Health Administration) 10 certifications. **Students must wear khaki pants and steel-toe boots in the carpentry shop. Students are responsible for providing their own boots and pants.**

### CARPENTRY PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Carpentry I	Carpentry II	Carpentry III	Carpentry IV

### CARPENTRY PROGRAM COURSE DESCRIPTIONS

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Carpentry I	CTE	10	9	None
Carpentry II	CTE	10	10	Carpentry I
Carpentry III	CTE	10	11	Carpentry II
Carpentry IV	CTE	10	12	Carpentry III

#### **Carpentry I – Course #9205**

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This course is designed to introduce students to the world of industry as it relates to construction. Students learn how to use tools and machines to construct structures. Throughout the course students will become adept at utilizing various hand tools and power tools. Students will learn the skills needed to construct and create housing structures including flooring and roofing. Safety procedures in the shop will be emphasized. This program will also focus on preparing the students to master the skills necessary to pass the SkillsUSA exam. **Students must wear khaki pants and steel-toe boots in the carpentry shop. Students are responsible for providing their own boots and pants.**

#### **Carpentry II – Course #9210**

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in Carpentry I. Framing and foundation layout will be a focus of the course. Safety procedures will be reviewed and emphasized. This program will also focus on preparing the students to master the skills necessary to pass the SkillsUSA exam. **Students must wear khaki pants and steel-toe boots in the carpentry shop. Students are responsible for providing their own boots and pants.**

#### **Carpentry III – Course #9215**

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course builds off the skills developed in Carpentry 1 and 2 with a focus on roofing and flooring. Units of study include gable, gambrel and shed roofs, hip/intersecting roofs and roof trusses. This program will also focus on preparing the students to master the skills necessary to pass the SkillsUSA exam. Safety procedures will be reviewed and emphasized. All students must obtain a "C" or better in the course. **Students must wear khaki pants and steel-toe boots in the carpentry shop. Students are responsible for providing their own boots and pants.**

#### **Carpentry IV – Course #9220**

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course is the last course in the program intended to prepare students for apprenticeships and field work. This course is designed with a focus on interior work and finishings. Units include drywall and drywall finishing, and trim and finish work. This program will also focus on preparing the students to master the skills necessary to pass the SkillsUSA exam. Students enrolled in Carpentry IV will participate in a Cooperative Education Experience Program designed to allow students to apply classroom learning to real-life scenarios. All students must obtain a "C" or better in the course. **Students must wear khaki pants and steel-toe boots in the carpentry shop. Students are responsible for providing their own boots and pants.**

## COSMETOLOGY PROGRAM

This program is intended for students interested in becoming licensed cosmetologists. In the Cosmetology program, students learn the skills necessary to work as a licensed cosmetologist or barber. Sanitation, sterilization, and safety are emphasized. Students will also be introduced to salon management. This program also focuses on preparing students to master the skills necessary for the state board certification test. At the end of the program, students will have the opportunity to earn New Jersey State Board of Cosmetology - Cosmetologist/Hairstylist Licensure. **Students will be responsible for purchasing a cosmetology kit every year for each course. Each kit will vary in price. Students must wear long pants and closed toe shoes when working in the shop.**

### COSMETOLOGY PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Cosmetology I	Cosmetology II	Cosmetology III	Cosmetology IV

### COSMETOLOGY PROGRAM COURSE DESCRIPTIONS

Course Title	Courses Offered				Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
	Level	Credits	Grade Level		
Cosmetology I	CTE	10	9	None	
Cosmetology II	CTE	10	10	Cosmetology I	
Cosmetology III	CTE	10	11	Cosmetology II	
Cosmetology IV	CTE	10	12	Cosmetology III	

#### **Cosmetology I – Course #9305**

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This course is designed to provide an introduction to cosmetology. The beginning of the course focuses on related theory and course work including sanitation and sterilization, related anatomy and physiology and career opportunities in cosmetology. Students will enter the cosmetology lab as the year progresses. Students will learn the basics of manicuring and pedicuring, shampooing, hair shaping and hair styling. This program will also focus on preparing the students to master the skills necessary for certification.

**Students enrolled in this course will need to purchase a Cosmetology Kit for use in the program.**

#### **Cosmetology II – Course #9310**

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in Cosmetology 1. Sanitation and sterilization and relevant anatomy and physiology will be reviewed. In the cosmetology lab, students will develop and hone skills in manicuring and pedicuring, shampooing, hair shaping and hair cutting, hair styling, long hair. This program will also focus on preparing the students to master the skills necessary for certification.

**Students enrolled in this course will need to purchase a Cosmetology Kit for use in the program.**

#### **Cosmetology III – Course #9315**

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course serves to take the skills learned in Cosmetology 1 and 2 and transition them into a business environment. Areas of focus include on the job and clinic preparation, sanitation and sterilization in the salon, state board prep/complete review, clinic and business skills (including salon management, types of salon ownership, ways to go into business, how to draw up a lease, networking, drawing a design plan for a salon). This program will also focus on preparing the students to master the skills necessary for certification.

**Students enrolled in this course will need to purchase a Cosmetology Kit for use in the program.**

#### **Cosmetology IV – Course #9320**

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course is designed to prepare students for careers as cosmetologists and business owners. Areas of focus include introduction to skill building and salon management, business and management skills (including ways to go into business for yourself, factors to consider when opening a salon, types of salon ownership, customer service, advertising, and developing and maintaining a customer base), hairstyling skill building and application, state board preparation and complete review, and clinic. This program will also focus on preparing the students to master the skills necessary for certification.

Students enrolled in Cosmetology IV will have the opportunity to participate in an Internship designed to allow students to apply classroom learning to real-life scenarios. **Students enrolled in this course will need to purchase a Cosmetology Kit for use in the program.**

## CULINARY ARTS PROGRAM

The Culinary Arts program is intended for students interested in pursuing careers in the field. In the Culinary Arts program, students will become familiar with food preparation and various cooking processes and procedures. Safety and sanitation are emphasized. The program also introduces students to hospitality and restaurant management. At the end of the program, students will have the opportunity to earn NOCTI (National Occupational Competency Testing Institute) and ServSafe certification. **Students must wear long pants and closed toe shoes in the shop.**

### CULINARY ARTS PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Culinary Arts I	Culinary Arts II	Culinary Arts III	Culinary Arts IV

### CULINARY ARTS PROGRAM COURSE DESCRIPTIONS

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Culinary Arts I	CTE	10	9	None
Culinary Arts II	CTE	10	10	Culinary Arts I
Culinary Arts III	CTE	10	11	Culinary Arts II
Culinary Arts IV	CTE	10	12	Culinary Arts III

#### **Culinary Arts I – Course #9405**

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This unit is designed to provide an introduction to the culinary field. The beginning of the course includes an emphasis on theory including nutrition and sanitation procedures. Safety procedures will be taught and emphasized. Areas of focus include measurement and standardized recipes. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. **Students must wear long pants and closed toe shoes in the shop.**

#### **Culinary Arts II – Course #9410**

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the skills in Culinary 1 and further develop students' abilities in the kitchen. Sanitation and safety procedures will be reviewed and emphasized. Areas of focus include dry and moist heat methods, dairy, salads and cold foods, and beans and pasta. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. **Students must wear long pants and closed toe shoes in the shop.**

#### **Culinary Arts III – Course #9415**

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course is designed to further develop students' culinary skills with a focus on nutrition. Safety and sanitation procedures will be reviewed and emphasized. Areas of focus include meat and poultry, stocks, sauces, and soups, and nutritious menu planning. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. **Students must wear long pants and closed toe shoes in the shop.**

#### **Culinary Arts IV – Course #9420**

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course serves to take the skills learned throughout the Culinary program and transition them into a business environment. Areas of focus include restaurant operations, service, and hospitality management. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. **Students must wear long pants and closed toe shoes in the shop.**

## ELECTRICAL TRADES PROGRAM

This program is intended for students interested in pursuing careers as electricians. In the Electrical Trades program, students will learn the phases of proper wiring methods both in theory classes and through hands-on shop experience. Proper job safety will be taught and emphasized. At the end of the program, students will leave ready to obtain a work apprenticeship in the field and continue their education in the electrical field. Students will have the opportunity to earn NOCTI (National Occupational Competency Testing Institute) certification. **Students must wear hard-toe (not steel-toe) boots in the electrical shop. Students are responsible for purchasing and providing their own boots.**

### ELECTRICAL TRADES PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Electrical Trades I	Electrical Trades II	Electrical Trades III	Electrical Trades IV

### ELECTRICAL TRADES PROGRAM COURSE DESCRIPTIONS

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Electrical Trades I	CTE	10	9	None
Electrical Trades II	CTE	10	10	Electrical Trades I
Electrical Trades III	CTE	10	11	Electrical Trades II
Electrical Trades IV	CTE	10	12	Electrical Trades III

#### **Electrical Trades I – Course #9505**

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

Electrical Trades 1 serves an introductory course for students interested in electrical trades. The course will cover essential scientific concepts about electricity and students will be able to describe the structure of an atom, explain the basic electrical concepts of current, voltage, resistance, electrical polarity, and define Ohm's Law. Students will learn the basics about instruments and measurement techniques. Students will learn all the important safety concerns applicable to working in a lab, shop and on the work site. Students will be taught related math and formulas used on the trade (fractions; whole numbers). At this level, the student will be taught basic electrical theory, wiring methods and materials, national and local electrical codes and print layout. While working with the various circuits for a dwelling, the students will learn to work safely around electricity and to use the proper tools for residential wiring. This program will also focus on preparing the students to master the skills necessary for NOCTI certification. **Students must wear hard-toe (not steel-toe) boots in the electrical shop. Students are responsible for purchasing and providing their own boots.**

#### **Electrical Trades II – Course #9510**

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in Electrical Trades 1. The students will be taught basic wiring methods and materials, national and local electrical codes and print layout. The student will have the necessary experiences needed to install receptacles, switches, lighting, and service entrance conductors. While working with the various circuits for a dwelling, the students will learn to work safely around electricity and to use the proper tools for residential wiring. The students will be taught related math and formulas used on the trade. This program will also focus on preparing the students to master the skills necessary for NOCTI certification. **Students must wear hard-toe (not steel-toe) boots in the electrical shop. Students are responsible for purchasing and providing their own boots.**

#### **Electrical Trades III – Course #9515**

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course builds off the skills developed in Electrical Trades 1 and 2 with a focus on commercial wiring. The students will be taught basic skills about installing, designing, troubleshooting, and maintaining electrical systems, devices, and equipment for commercial wiring. The students will have the necessary experiences to install receptacles, switches, lighting on commercial buildings. While working with the various circuits for a dwelling, the student will learn to work safely around electricity and to use the proper tools for commercial wiring. The student will be taught related math and formulas used on the trade. This program will also focus on preparing the students to master the skills necessary for NOCTI certification. **Students must wear hard-toe (not steel-toe) boots in the electrical shop. Students are responsible for purchasing and providing their own boots.**

#### **Electrical Trades IV – Course #9520**

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course is designed for students to apply and build off of the skills taught in Electrical trades 1, 2, and 3. The students will be taught basic skills about installing, designing, troubleshooting, and maintaining electrical systems, devices, and equipment for industrial wiring. The student will learn to draw and interpret motor control schematics and wiring diagrams. While working with the various circuits for a dwelling, the students will learn to work safely around electricity and to use the proper tools for industrial wiring. The student will be taught related math and formulas used on the trade. This program will also focus on preparing the students to master the skills necessary for NOCTI certification. **Students must wear hard-toe (not steel-toe) boots in the electrical shop. Students are responsible for purchasing and providing their own boots.**

**EMT AND FIRE SAFETY PROGRAM**

This program is intended for students interested in working as Emergency Medical Technicians and firefighters. The program provides an opportunity to learn the trade through a combination of hands-on training and related classroom instruction. In the EMT and Fire Safety program, students learn the necessary skills to earn Fire Safety and EMT certification upon graduation.

**EMT AND FIRE SAFETY PROGRAM SCOPE AND SEQUENCE**

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language	World Language Course #1	World Language Course #2		
Related Arts		Related Arts elective	+2 extra courses	+6 extra courses
Career/Tech Ed	EFSP: Introduction to Firefighting	EFSP: Emergency Medical Technician	EFSP: First Aid/CPR/AED	

**EMT AND FIRE SAFETY PROGRAM COURSE DESCRIPTIONS**

Course Title	Level	Courses Offered			Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
		Credits	Grade Level		
EFSP: Introduction to Firefighting	CTE	5	9-12	None	
EFSP: Emergency Medical Technician	CTE	5	9-12	None	
EFSP: First Aid/CPR/AED	CTE	5	9-12	None	

**EFSP: Introduction to Firefighting – Course #9555**

CTE – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to introduce students to the world of fire fighting. Students will learn the basic tenets of fire science and fighting fires. Students will also be exposed to basic fire prevention gear and equipment. This course is intended to lay the groundwork for students looking to explore a career in firefighting once they graduate high school.

**EFSP: Emergency Medical Technician – Course #9560**

CTE – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to introduce students to the world of first responders. Students will learn the basic tenets of emergency medical services. Students will also be exposed to basic anatomy and the basic elements of working as an emergency medical technician. This course is intended to lay the groundwork for students looking to explore a career as an Emergency Medical Technician upon completion of high school.

**EFSP: First Aid/CPR/AED – Course #9565**

CTE – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

The purpose of the First Aid/CPR/AED course is to help students recognize and respond appropriately to cardiac, breathing and first aid emergencies. The course teaches skills that students need to know to give immediate care to a suddenly injured or ill person until more advanced medical personnel arrive and take over. This courses offers background in first aid, CPR and AED to meet the various training needs of a diverse audience.

First Aid, CPR (cardiopulmonary resuscitation) and AED (automated external defibrillator) training meets the needs of workplace responders, school staff, professional responders and healthcare providers, as well as the general public.

Adult and Pediatric First Aid/CPR/AED and Adult and Pediatric CPR/AED courses taught using a blended learning format.

## HEALTH OCCUPATIONS PROGRAM

This program is intended for students interested in working in health occupations. Students will be exposed to an overview of different fields present in the health care sector. This course provides an opportunity to learn the trade through a combination of hands-on training and related classroom instruction. In the Health Occupations program, students learn the necessary skills to obtain certification as a Nursing Assistant upon high school graduation.

### HEALTH OCCUPATIONS PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	HOP1: Dynamics of Healthcare on Society	HOP2: Medical Terminology	HOP3: Human Body Systems	HOP4: Intro to Certified Clinical Medical Assistant

### HEALTH OCCUPATIONS PROGRAM COURSE DESCRIPTIONS

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
HOP1: Dynamics of Healthcare on Society	CTE	10	9	None
HOP2: Medical Terminology	CTE	10	10	HOP1: Dynamics of Healthcare on Society
HOP3: Human Body Systems	CTE	10	11	HOP2: Medical Terminology
HOP4: Intro to Certified Clinical Medical Assistant	CTE	10	12	HOP3: Human Body Systems

#### HOP1: Dynamics of Healthcare on Society – Course #9605

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This course is designed to introduce students to the world of health care. Students will be exposed to various career paths in the medical field. The course also provides an orientation to health care services and their delivery. The course shows how all health care providers acquire professional competence in dealing with the issues and problems they will face in the health field.

#### HOP2: Medical Terminology – Course #9610

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

The course builds off the skills developed in Health Occupations I. The course will focus on developing medical terminology that will be utilized in the field. Emergency and Clinical Care will be covered and students will learn how to recognize and respond to an

emergency. The intent of this course is to help students feel more confident in their ability to act in a health care setting. All students must obtain a "C" or better in the course.

#### HOP3: Human Body Systems – Course #9615

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course builds off the skills developed in Health Occupations I and II. Anatomy and Physiology is the main focus of the course and students will study the structure and function of the human body. All students must obtain a "C" or better in the course.

#### HOP4: Intro to Certified Clinical Medical Assistant – Course #9620

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course builds off the skills developed in Health Occupations I, II, and III. Students will learn the professional traits and responsibilities to become a vital part of the healthcare team in a medical office, clinic, hospital, and other healthcare settings. Students will be prepared to sit for the Certified Clinical Medical Assistant (CCMA) in May.



## HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) PROGRAM

This HVAC program involves equipment used for heating, cooling, and cleaning indoor air as well as equipment for preserving food and other perishable products. It covers furnaces and air conditioners used in homes and businesses, as well as the heating and cooling systems used in large buildings. It includes equipment used in retail, commercial, and industrial enterprises for the preservation and packaging of food and other perishables. Students will receive training in this course to obtain an EPA certification for safe and proper refrigerant usage. This course provides an opportunity to learn the trade through a combination of hands-on training and related classroom instruction. **Students must wear khaki pants and work boots in the HVAC shop. Students are responsible for providing their own boots and pants.**

### HVAC PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	HVAC I	HVAC II	HVAC III	HVAC IV

### HVAC PROGRAM COURSE DESCRIPTIONS

Course Title	Courses Offered				Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
	Level	Credits	Grade Level		
HVAC I	CTE	10	9	None	
HVAC II	CTE	10	10	HVAC I	
HVAC III	CTE	10	11	HVAC II	
HVAC IV	CTE	10	12	HVAC III	

#### HVAC I – Course #9655

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This course is designed to introduce students to the world of industry as it relates to HVAC. Students learn how to use tools and machines to service HVAC equipment. Throughout the course students will become adept at utilizing various hand tools and power tools. Topics covered include basic copper and plastic piping, carbon steel piping, and soldering and brazing. Safety procedures in the shop will be emphasized. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. All students must obtain a C or better in the course. **Students must wear khaki pants and work boots in the HVAC shop. Students are responsible for providing their own boots and pants.**

#### HVAC II – Course #9660

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in HVAC I. Cooling, compressors and refrigerants will be the foundation of the course. Safety procedures will be reviewed and emphasized. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. All students must obtain a C or better in the course. **Students must wear khaki pants and work boots in the HVAC shop. Students are responsible for providing their own boots and pants.**

#### HVAC III – Course #9665

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course builds off the skills developed in HVAC I and HVAC II with a focus on heating. Units of study include heat pumps, hydronic systems, and gas and oil heating. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. Safety procedures will be reviewed and emphasized. All students must obtain a "C" or better in the course. **Students must wear khaki pants and work boots in the HVAC shop. Students are responsible for providing their own boots and pants.**

#### HVAC IV – Course #9670

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course is the last course in the program intended to prepare students for apprenticeships and field work. This course is designed with a focus on employability and maintenance. Units include troubleshooting maintenance, customer relations and employability skills. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. All students must obtain a "C" or better in the course. **Students must wear khaki pants and work boots in the HVAC shop. Students are responsible for providing their own boots and pants.**

**LAW ENFORCEMENT PROGRAM**

Law Enforcement refers to any system by which some members of society act in an organized manner to enforce the law by discovering, deterring, rehabilitating or punishing persons who violate the rules and norms governing that society. The Law Enforcement program is designed to prepare students for a career opportunity in the Law Enforcement field.

**LAW ENFORCEMENT PROGRAM SCOPE AND SEQUENCE**

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Law Enforcement I	Law Enforcement II	Law Enforcement III	Law Enforcement IV

**LAW ENFORCEMENT PROGRAM COURSE DESCRIPTIONS**

Course Title	Courses Offered				Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
	Level	Credits	Grade Level		
Law Enforcement I	CTE	10	9	None	
Law Enforcement II	CTE	10	10	Law Enforcement I	
Law Enforcement III	CTE	10	11	Law Enforcement II	
Law Enforcement IV	CTE	10	12	Law Enforcement III	

**Law Enforcement I – Course #9805**

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This course provides instruction and specialized training in the following areas: Law and Lawmaking, Advocacy and Settling Disputes, the Court System and Lawyers, and Crime in America and Criminal Law. The goal of the course is to provide a real work environment where students utilize skills and concepts learned in class and apply them in the field. The curriculum includes theory and a physical fitness component. Emphasis is also placed on job seeking/keeping skills, such as effective communication, customer service, teamwork, filling out a job application, building a resume, and interviewing techniques. The appropriate use of technology and industry-standard equipment is an integral part of this course. The students will develop personal growth, and the necessary attitudes and skills needed for seeking employment. They will become self-confident and understand the responsibilities and roles of a police officer.

**Law Enforcement II – Course #9810**

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in Law Enforcement I. Students will expand on the fundamentals of entry-level peace officer and law

enforcement officer training. The student will learn the technical and social skills used in the area of law enforcement.

**Law Enforcement III – Course #9815**

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in Law Enforcement II. Students will expand on the fundamentals of entry-level peace officer and law enforcement officer training. The student will learn the technical and social skills used in the area of law enforcement.

**Law Enforcement IV – Course #9820**

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in Law Enforcement III. Students will expand on the fundamentals of entry-level peace officer and law enforcement officer training. The student will learn the technical and social skills used in the area of law enforcement.

**MUSIC PRODUCTION PROGRAM**

This Music Production program involves creating and producing music. This program will teach you the skills needed for a variety of music production-focused careers including music producer, recording engineer, mix engineer, mastering engineer, live sound engineer, sound technician, and more.

**MUSIC PRODUCTION PROGRAM SCOPE AND SEQUENCE**

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Music Production I	Music Production II	Music Production III	Music Production IV

**MUSIC PRODUCTION PROGRAM COURSE DESCRIPTIONS**

Course Title	Courses Offered				Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
	Level	Credits	Grade Level		
Music Production I	CTE	10	9	None	
Music Production II	CTE	10	10	Music Production I	
Music Production III	CTE	10	11	Music Production II	
Music Production IV	CTE	10	12	Music Production III	

**Music Production I – Course #9675**

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This course is designed to introduce students to essential musicianship skills applicable to all styles of music. Students will learn the essential elements common in successful records. Throughout the course students will become familiar the skills needed to be effective in music production professions.

**Music Production II – Course #9680**

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in Music Production I. Students will learn the essential elements common in successful records. Throughout the course students will become familiar the skills needed to be effective in music production professions.

**Music Production III – Course #9685**

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course builds off the skills developed in Music Production I and Music Production II. Students will learn the essential elements common in successful records. Throughout the course students will become familiar the skills needed to be effective in music production professions.

**Music Production IV – Course #9690**

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course is the last course in the program intended to prepare students for apprenticeships and field work. This course is designed with a focus on employability music production professions.

## WELDING PROGRAM

This program is intended for students interested in pursuing careers as welders and ironworkers. In the Welding program, students will learn a wide range of tools and techniques. Students will progress from novice welders to accurately and reliably producing correct welds. At the end of the program, students will be equipped with the skills to enter the field as a Level 1 Ironworker. Students will have the opportunity to earn AWS (American Welding Society) and NOCTI (National Occupational Competency Testing Institute) certification. **Students must wear ALL LEATHER steel-toe boots and denim pants in the welding shop. Students are responsible for purchasing and providing their own boots and pants.**

### WELDING PROGRAM SCOPE AND SEQUENCE

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Financial Literacy (2.5 cr)	
	Math Course #2		Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course	U.S. History II Course	
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	
Related Arts				Related Arts elective +3 extra courses
Career/Tech Ed	Welding I	Welding II	Welding III	Welding IV

### WELDING PROGRAM COURSE DESCRIPTIONS

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Welding I	CTE	10	9	None
Welding II	CTE	10	10	Welding I
Welding III	CTE	10	11	Welding II
Welding IV	CTE	10	12	Welding III

#### **Welding I – Course #9705**

CTE – Grade 9

(10.00 cr.) – 5 block periods per week – full year

This course provides an introduction to Welding and is designed to provide a learning environment to students interested in pursuing welding as a career. The course will emphasize rules, regulations, and procedures. Students will have the opportunity to become familiar with the safe and proper use of power tools and equipment and building materials in the welding shop. This program will also focus on preparing the students to master the skills necessary for AWS and NOTCI exams. **Students must wear ALL LEATHER steel-toe boots and denim pants in the welding shop. Students are responsible for purchasing and providing their own boots and pants.**

#### **Welding II – Course #9710**

CTE – Grade 10

(10.00 cr.) – 5 block periods per week – full year

Welding 2 This course is designed to build off the topics and skills addressed in Welding 1. As a result of the course students will recognize that the shielded metal arc process is the most widely used process because of its low cost, flexibility, portability, and versatility. The course will introduce students to the Gas Metal Arc Welding process. Students will be able to adjust voltage, amperage, electrode extension and gas flow rates. In addition, students will be introduced to the Gas Tungsten Welding process. Safety procedures will be emphasized. This program will also focus on preparing the students to master the skills necessary for AWS and NOTCI exams. **Students must wear ALL LEATHER steel-toe boots and denim pants in the welding shop. Students are responsible for purchasing and providing their own boots and pants.**

#### **Welding III – Course #9715**

CTE – Grade 11

(10.00 cr.) – 5 block periods per week – full year

This course is designed to build off the topics and skills addressed in Welding 1 and Welding 2. The course will introduce students to pipe welding and cast iron welding. Students will become familiar with the tools, machinery, and procedures involved in pipe welding and cast iron welding. Students will also practice identifying and selecting bulging materials to utilize in projects. Safety procedures for pipe welding and cast iron welding will be emphasized. This program will also focus on preparing the students to master the skills necessary for AWS and NOTCI exams. **Students must wear ALL LEATHER steel-toe boots and denim pants in the welding shop. Students are responsible for purchasing and providing their own boots and pants.**

#### **Welding IV – Course #9720**

CTE – Grade 12

(10.00 cr.) – 5 block periods per week – full year

This course is designed to review and apply the skills learned in Welding 1, 2, and 3 and introduce students to surfacing and flux cored arc welding. Students will become familiar with the tools, machinery, and procedures involved in surfacing and flux cored welding. Safety procedures during surfacing and flux cored welding for will be emphasized. Students will also learn and apply how to read blueprints. This program will also focus on preparing the students to master the skills necessary to pass the NOCTI exam. **Students must wear ALL LEATHER steel-toe boots and denim pants in the welding shop. Students are responsible for purchasing and providing their own boots and pants.**

**AIR FORCE JUNIOR ROTC PROGRAM**

Pennsauken High School hosts a Junior Reserve Officers' Training Corps (JROTC) in partnership with the U.S. Air Force. Each AFJROTC course consists of three components— aerospace science (AS), leadership education (LE), and wellness. Citizenship and character education are embedded in the leadership education series of courses, while sense of service and education in science and technology related aerospace science are found in the aerospace science series of courses. The AFJROTC program is open to students who are citizens or legal residents of the United States. Students who participate in AFJROTC are provided uniforms from the Air Force free of charge however students are responsible for maintaining the uniforms and are responsible for lost items. Pennsauken AFJROTC offers blended classes that contain students in all grades taught the same curriculum each year. Students who participate in the AFJROTC do not incur any military obligation.

**AIR FORCE JUNIOR ROTC PROGRAM SCOPE AND SEQUENCE**

Classes of 2029, 2028, 2027, 2026

SUBJECT	9th (2029)	10th (2028)	11th (2027)	12th (2026)
English	English 9 Course	English 10 Course	English 11 Course	English 12 Course
Mathematics	Math Course #1	Math Course #3	Math Course #4	Math Course #5
	Math Course #2		Financial Literacy (2.5 cr) Current Events (2.5 cr)	
Science	Biology Course	Chemistry/Environmental Science Course	Physics Course	
Social Studies	World History Course	U.S. History I Course		U.S. History II Course
Physical Education	PE/Health 9	PE/Health 10	PE/Health 11	PE/Health 12
World Language		World Language Course #1	World Language Course #2	World Language Course #3
Related Arts				Related Arts elective
Career/Tech Ed	AFJROTC – 1 <sup>st</sup> year	AFJROTC – 2 <sup>nd</sup> year	AFJROTC – 3 <sup>rd</sup> year	AFJROTC – 4 <sup>th</sup> year

**AIR FORCE JUNIOR ROTC PROGRAM COURSE DESCRIPTIONS**

Course Title	Level	Courses Offered			Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
		Credits	Grade Level		
AFJROTC – 1 <sup>st</sup> year	JROTC	10	Varies	None	
AFJROTC – 2 <sup>nd</sup> year	JROTC	10	Varies	AFJROTC – 1 <sup>st</sup> year	
AFJROTC – 3 <sup>rd</sup> year	JROTC	10	Varies	AFJROTC – 2 <sup>nd</sup> year	
AFJROTC – 4 <sup>th</sup> year	JROTC	10	Varies	AFJROTC – 3 <sup>rd</sup> year	

NOTE: AFJROTC students are not required to take regular Physical Education Classes. Wellness offered in AFJROTC counts toward PE credit. Driver Education is still provided.

**AFJROTC – 1st year – Course #9905**

JROTC – Grade (Varies)  
(10.00 cr.) – 5 block periods per week – full year

**AFJROTC – 2nd year – Course #9910**

JROTC – Grade (Varies)  
(10.00 cr.) – 5 block periods per week – full year

**AFJROTC – 3rd year – Course #9915**

JROTC – Grade (Varies)  
(10.00 cr.) – 5 block periods per week – full year

**AFJROTC – 4th year – Course #9920**

JROTC – Grade (Varies)  
(10.00 cr.) – 5 block periods per week – full year

**2024-2025**

**AS-410 Survival:** The survival instruction will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. Survival also presents “good to know” information that would be useful in any situation.

**LE-200 Communication, Awareness and Leadership:** This course is designed to improve communication, enhance awareness of self and others, and provide fundamentals of leadership and followership. The course focuses on the AFJROTC mission to “develop citizens of character community.”

**2025-2026**

**AS-200 Science of Flight:** This new course provides students with up-to-date information on exploring the fundamentals of the science of flight. It all starts with an introduction to the principles of flight. Students will explore aircraft design, flight control, and aircraft power options.

**LE-300 Career Opportunities:** This Course provides an essential component of leadership education for today’s high school students. This course is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st-century. In addition, students learn how to select a school that is right for them; how to apply for admission to a vocational or technical school, community college, or college/ university; and how to succeed in these learning environments.

**2026-2027**

**AS-220 Global Awareness:** This course provides students with up-to-date information on exploring the concept of global awareness and the cultures of other regions throughout the world. It starts with an introduction of what global awareness is and the effects of technology on global culture. Students are then taken on a journey around the world, through different cultures in the Middle East, Asia, Africa, Latin America, Europe, and Australia.

**LE-400 Fundamentals of Management:** This course provides an essential component of leadership education for today’s high school students. Its aim is to provide students an introduction to basic management concepts and skills, especially as they relate to managing in a JROTC unit.

**2027-2028**

**AS-300 Exploring Space:** This course provides students with the latest information on exploring space and an introduction to cybersecurity and technology. It begins with early astronomy and the basic interest in the universe from the Greeks through the Renaissance and Enlightenment ages. Students will be provided an in-depth view of the solar system, including Earth, the Sun, the Moon, and planets.

**LE-100 Traditions, Wellness and Citizenship:** This course introduces cadets to history, organization, mission, traditions, goals, and objectives of JROTC for all services. It also introduces key military customs and courtesies, describes how to project a positive attitude, and examines the principles of ethical and moral behavior. It provides strategies for effective note-taking and study skills for academic success.

# III. GENERAL EDUCATION COURSE DESCRIPTIONS

## ENGLISH/LANGUAGE ARTS (ELA)

The Language Arts Literacy courses at Pennsauken High School present students with opportunities to explore literature, language, composition, and effective strategies that will enable students to become proficient in reading and writing, as well as to develop their critical thinking skills. Speaking, listening, reading, writing and viewing are integrated to accomplish these goals. Learning occurs when students experience these communication skills and participate in each process as a reader, an author, a listener, and a speaker. These literacy practices are balanced within our curriculum.

Each student will be expected to meet his/her responsibilities as part of the learning process. These include:

- Attending class regularly and coming prepared for class, including all homework and supplementary assignments
- Completing all requirements for each course
- Participating in class activities
- Making up work following an absence
- Meeting all assigned deadlines
- Seeking additional help from the teacher when it is needed

Reading is the cornerstone of success in all academic areas. Therefore, summer reading is a requirement in all English courses offered for students entering the 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> grades. Our summer reading is updated annually and all information is available on the Pennsauken Public Schools website.

The department provides courses designed to meet the specific needs and performance levels of each student. Before choosing a course, each student should carefully evaluate his/her level of competency with the assistance of his/her guidance counselor and English instructor; then, select the course which will be academically challenging and ensure that the student will be proficient in Language Arts Literacy skills.

Course Title	Courses Offered				Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
	Level	Credits	Grade Level		
Literature and Composition 9A	CP	5	9	None	
Literature and Composition 9B	CP	5	9	None	
Literature and Composition 9	Honors	5	9	None	
Literature and Composition 10	CP	5	10	Literature and Composition 9	
Literature and Composition 10	Honors	5	10	Literature and Composition 9	
Literature and Composition 11: American	CP	5	11	Literature and Composition 10	
Language and Composition AP®	AP®	5	11-12	Literature and Composition 10	
Literature and Composition 12: British	CP	5	12	Literature and Composition 11: American	
Literature and Composition AP®	AP®	5	12	Literature and Composition 11: American	
Voices in Literature	CP	5	11-12	Literature and Composition 10	
College Writing	Honors	5	11-12	Literature and Composition 10	
NJSLA English	Supplemental	5	11	None	
SAT ELA Prep (w/SAT Math Prep)	CP	2.5	11	None	

## ENGLISH LANGUAGE ARTS COURSE DESCRIPTIONS

### Literature and Composition 9A CP – Course #1090

College Prep – Grade 9

(5.00 cr.) – 5 block periods per week – semester

Only 5 credits toward the NJDOE English Language Arts (ELA) subject graduation requirements are earned for the combination of Literature and Composition 9A CP and Literature and Composition 9B CP.

This is a fundamental course designed to support student achievement in ELA. It strengthens fundamental skills needed to be successful in all high school ELA courses.

### Literature and Composition 9B CP – Course #1092

NCAA Approved

College Prep – Grade 9

(5.00 cr.) – 5 block periods per week – semester

This course refines and expands the following areas:

- General writing skills through daily short essays and responses to readings, vocabulary development and practice and applied grammar focus
- Creative application of writing skills in the production of a minimum of two (2) essays per marking period
- Critical thinking and reading skills through the daily analysis of both in-class and independent outside reading of all major forms of literature, including the short story, the novel, non-fiction, drama and poetry
- Development and practice in public speaking and debate
- Research and media center skills, including the use of the Internet, to facilitate effective individual research and study for the production of a research project
- Technology skills to assist communication when resources are available

### Literature and Composition 9 Honors – Course #1093

NCAA Approved

Honors – Grade 9

(5.00 cr.) – 5 block periods per week – semester

To succeed in this course, a student must possess many of the following traits: serious commitment to task, high productivity, intellectual ability, specific academic aptitude, high standards of performance, a creative, multifaceted approach to problem solving and a strong desire to be a self-motivated and independent learner.

The course heavily emphasizes:

- Reading skills through extensive analysis of major literacy concepts in challenging, higher level reading material, including the novel, short story, poetry, drama and non-fiction
- Creative and systemic application of writing skills
- Oral communication, speaking and debate skills
- Intense vocabulary development
- Information and data retrieval as part of extensive research and media skill center development, including the use of the Internet
- Use of technology skills to assist writing and to communicate ideas when resources are available

### Literature and Composition 10 CP – Course #1102

NCAA Approved

College Prep – Grade 10

(5.00 cr.) – 5 block periods per week – semester

This course refines and expands the following areas:

- General writing skills through weekly short essays and responses to readings, vocabulary development and practice, MLA-style outlining and applied grammar focus as needed
- Independent reading, including summer reading requirements
- Critical thinking and reading skills through the daily analysis of both in-class and independent reading of all major forms of literature, including the short story, the novel, non-fiction, drama and poetry
- Continuing development of listening and speaking skills through evaluation of literature, films and music, as well as practice in public speaking, persuasion and group and individual verbal communication
- Research and media center skills, including the use of the Internet, facilitate effective individual research and study in all areas of learning
- Production of a full MLA-style literary research paper
- Use of technology skills to assist writing when resources are available

### Literature and Composition 10 Honors – Course #1103

#### NCAA Approved

Honors – Grade 10

(5.00 cr.) – 5 block periods per week – semester

To succeed in this course, a student must possess many of the following traits: serious commitment to task, high productivity, intellectual ability, specific academic aptitude, high standards of performance, a creative, multifaceted approach to problem solving and a strong desire to be a self-motivated and independent learner.

An intensive survey of the various genres of literature will be presented, with particular attention devoted to more challenging modern novels, classic drama and poetry. The course heavily emphasizes:

- Reading skills through extensive analysis of major literary concepts in more challenging, higher level reading material: *The Grapes of Wrath*, *Nineteen Eighty-Four*, *Julius Caesar*, *Antigone* and other selections
- An in-depth treatment of the elements of fiction and poetry, with extensive reading and practice
- Creative and systemic application of writing skills
- Oral communication, speaking, presentation and debate skills
- Intense vocabulary development
- Development of skills needed for literacy research, including the use of the Internet
- Use of technology skills to assist writing

### Literature and Composition 11 CP: American – Course #1112

#### NCAA Approved

College Prep – Grade 11

(5.00 cr.) – 5 block periods per week – semester

This course refines and expands the following areas:

- Survey of literary forms and concepts which are considered totally American
- In-depth analysis of authors' works of each period from Pre-Colonial to Contemporary fiction and non-fiction
- Mature writing skills through frequent short essays and responses to readings, vocabulary development and practice, MLA-style outlining and applied grammar focus as needed
- Critical thinking and reading skills through the daily analysis of both in-class and independent reading of all major forms of literature, including the short story, the novel, non-fiction, drama and poetry
- Continuing development of listening and speaking skills through practice in public speaking, persuasion, debate and group and individual verbal communication
- Research and media center skills, including the use of the Internet, to facilitate effective individual research and study in all areas of learning and be specifically applicable to the required MLA-style research essays
- Use of technology skills to assist writing when resources are available

### Language and Composition AP® – Course #1110

#### NCAA Approved

#### **\*Available for Dual Enrollment through RCBC**

Advanced Placement® – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

The AP® English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-

fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

This course will include:

- An intensive survey of the various genres of American literature will be presented, with particular attention devoted to more challenging American novels, drama and poetry. These works have a historical foundation in American literature.

The course is designed with heavy emphasis on the following:

- Reading skills through extensive study and analysis of major literary concepts in more challenging, higher level reading material by authors from various American ethnicities
- In-depth treatment of the elements of writing and a creative and systemic application of these writing skills, including applied grammar and usage
- Oral communication, speaking, presentation and debate skills
- Intense vocabulary development and word study
- Development of skills needed for in-depth literary research and writing, including information and data retrieval, thesis statements, note taking and techniques of formal documentation
- Use of technology skills to assist in writing when resources are available
- Preparation in the intensive study of skills needed for the twelfth grade Advanced Placement® course

### Literature and Composition 12 CP: British – Course #1122

#### NCAA Approved

College Prep – Grade 12

(5.00 cr.) – 5 block periods per week – semester

This course will include:

- Survey of British Literature; the authors and works from each period will be analyzed, discussed and evaluated in relation to their time – from the Anglo-Saxon period to the twenty-first century
- Extensive reinforcement and refinement of grammar, usage, paragraph and essay structure and development, punctuation and other writing skills through frequent written assignments related to the literary material
- Critical thinking and reading skills through the daily analysis of independent reading of all major forms of literature including the novel, fiction and nonfiction, drama and poetry
- Research and media center skills including use of the Internet to facilitate effective individual research and study in all areas of learning and be specifically applicable to the required research paper
- Use of technology skills to assist writing

### Literature and Composition AP® – Course #1121

#### NCAA Approved

#### **\*Available for Dual Enrollment through CCC and RCBC**

Advanced Placement® – Grade 12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to explore various literary skills and concepts and to use this acquired knowledge as a vehicle for extensive assignments in analytic and research forms of writing and discussion. Students will strive to master the writing techniques and critical reading strategies prescribed by the National College Board for Advanced Placement® Program. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

This course will include:

- Survey of British literature; the authors and works from each period will be analyzed, discussed and evaluated in relation to their time – from the Anglo-Saxon period to the twenty-first century

To succeed in this course, students should possess the following characteristics:

- Academic excellence
- The ability to speak, read, listen and write with a high degree of proficiency
- A genuine interest in language and literature and a willingness to complete extensive reading assignments as homework
- Initiative and self-motivation toward academic pursuits
- Commitment to independent study

### Voices in Literature – Course #1205

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This is an elective course offered to students in eleventh and twelfth grade. Students will explore identities through the careful analysis of texts from a wide range of voices and multiple genres. By the end of the course, students will demonstrate an ability to analyze

literary texts and develop a critical vocabulary and set of reading and writing practices for approaching a wide range of human differences.

#### **College Writing – Course #1210**

Honors – Grades 11-12

(5.00 cr.) – 5 blocks per week – semester

This course is an elective course offered to students in eleventh and twelfth grade. This is an intense and rigorous writing course designed to prepare students for the demands of college writing. The course will also emphasize the use of critical thinking and critical reading skills.

#### **NJSLA English – Course #1304**

Supplemental – Grade 11

(5.00 cr.) – 5 block periods per week – semester

No credit toward the NJDOE ELA subject graduation requirements is earned for this course.

This is a required course for students who need to continue working on high school standards for graduation. Students will work on preparing for the NJ Graduation

Proficiency Assessment (NJGPA). Students will also work on preparing for other post-secondary readiness tests such as the PSAT, SAT, and ACT.

#### **SAT ELA Prep – Course #6010(combined with SAT Math Prep)**

College Prep – Grade 11

(2.50 cr.) – 5 block periods per week – quarter

No credit toward the NJDOE ELA subject graduation requirements is earned for this course.

This is a required course for all 11th grade students. The SAT Prep course is designed to help students prepare for the rigors of taking the PSAT and/or SAT tests offered by the College Board.

This course will include:

- practice the skills needed to succeed on the SAT.
- review of the test and its structure.
- emphasis on different strategies for taking each part of the test.
- information about how the test is scored.
- application of time management skills

### **ENGLISH AS A SECOND LANGUAGE (ESL)**

This program is offered to students whose primary or native language is not English. Students are placed in Beginner, Intermediate or Advanced levels of English based on informal language assessment and analysis of the student's academic records. The course focuses on developing students' reading, writing, speaking, and listening skills through the use of level appropriate literature and vocabulary. Additionally, advanced students receive supplemental preparation for state standardized tests that complement their mainstream English classes. Intermediate and Beginner students receive intensive English instruction and support for their required courses. ELL students are tested annually to determine their progress in the four skill modalities.

#### **ESL Entering – Course #1400**

Grades 9-12

(10.00 cr.) – 5 block periods per week – full year

This is a novice level course for multilingual learners who possess a proficiency level of "entering" to "beginning" as defined in the WIDA Consortium CAN DO Descriptors. Teacher recommendation and past performance can also be used to determine placement. In this class, students can expect to address the English language development standards necessary to communicate information, ideas and concepts. Within the framework of the WIDA's CAN DO Descriptors and language standards, students will develop proficiency in the four domains of language: listening, speaking, reading and writing. This course is designed to give beginning level ESL students the skills they need in academic and social settings. English skills in reading, writing, speaking, and listening are introduced.

#### **ESL Beginning – Course #1410**

Grades 9-12

(10.00 cr.) – 5 block periods per week – full year

This is a beginner level course for multilingual learners who possess a proficiency level of "beginning" to "developing" as defined in the WIDA Consortium CAN DO Descriptors. Teacher recommendation and past performance can also be used to determine placement. In this class, students can expect to address the English language development standards necessary to communicate information, ideas and concepts. Within the framework of the WIDA's CAN DO Descriptors and language standards, students will develop proficiency in the four domains of language: listening, speaking, reading and writing. This course is designed to give beginning level ESL students the skills they need in academic and social settings. English skills in reading, writing, speaking, and listening are introduced.

#### **ESL Developing – Course #1420**

Grades 9-12

(10.00 cr.) – 5 block periods per week – full year

This is an intermediate level course for multilingual learners who possess a proficiency level of "developing" to "expanding" as defined in the WIDA Consortium CAN DO Descriptors. Teacher recommendation and past performance can also be used to determine placement. In this class, students can expect to address the English language development standards necessary to communicate information, ideas and concepts. Within the framework of the WIDA's CAN DO Descriptors and language standards, students will develop proficiency in the four domains of language: listening, speaking, reading and writing. Content area curricula (especially social studies, literature, and science) are used as vehicles to develop language and academic skills. This course is designed to give intermediate level ESL students the skills they need in academic and social settings.

#### **ESL Expanding – Course #1430**

Grades 9-12

(10.00 cr.) – 5 block periods per week – full year

This is an advanced level course for multilingual learners who possess a proficiency level of "expanding" to "bridging" as defined in the WIDA Consortium CAN DO Descriptors. In this class, students can expect to address the English language development standards necessary to communicate information, ideas and concepts. Within the framework of the WIDA's CAN DO Descriptors and language standards, students will develop proficiency in the four domains of language: listening, speaking, reading and writing. Content area curricula (especially social studies, literature, and science) are used as vehicles to develop language and academic skills. This course is designed to give advanced level ESL students the skills they need in academic and social settings.

### **ENGLISH SPECIAL EDUCATION COURSES**

Students who have Individualized Education Plans (IEPs) that state the need for support in this subject will have their courses selected with the Child Study Team at their Annual Review meetings.



## MATHEMATICS

Mathematics is the tool that drives all scientific and technological advances and serves as the vehicle for success in life. Therefore it is imperative that our young people have a solid foundation in Mathematics. The Mathematics courses at Pennsauken High School prepare students with the necessary content knowledge for the future to be successful, productive members of this 21st century global society. The courses are aligned with the New Jersey adopted Common Core Standards. The content is presented in a manner using the Mathematical Practices so that the students may not only make sense of problems and persevere in solving them but also attain the skills necessary to become future problem solvers. As they attend to the precision through the content of Mathematics, the students are taught to reason abstractly and quantitatively, construct viable arguments, and critique the reasoning of others.

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Algebra IA	CP	5	9	None
Algebra IB	CP	5	9	None
Geometry	CP	5	Varies	Algebra I
Geometry	Honors	5	Varies	Algebra I
Algebra II	CP	5	Varies	Geometry
Algebra II	Honors	5	Varies	Geometry
Pre-Calculus Mathematics I	CP	5	Varies	Algebra II
Accelerated Pre-Calculus	Honors	5	Varies	Algebra II
Calculus I	CP	5	Varies	Pre-Calculus
Calculus I AP® (AB)	AP®	5	Varies	Pre-Calculus
Calculus II AP® (BC)	AP®	5	Varies	Calculus I AP®
Career and Trade Mathematics	CP	5	Varies	Geometry
Introduction to Data Science	CP	5	Varies	Algebra I (Algebra II recommended)
NJSLA Math	Supplemental	5	11	None
Elements of Statistics	CP	5	Varies	Algebra II
Elements of Statistics II	CP	5	Varies	Elements of Statistics
Financial Literacy	CP	2.5	11	None
SAT Math Prep (w/SAT ELA Prep)	CP	2.5	11	None

### MATHEMATICS COURSE DESCRIPTIONS

#### **Algebra IA CP – Course #4105**

College Prep – Grade 9

(5.00 cr.) – 5 block periods per week – semester

Only 5 credits toward the NJDOE mathematics subject graduation requirements are earned for the combination of Algebra IA CP and Algebra IB CP.

This is a fundamental course designed to support student achievement in mathematics. It strengthens fundamental skills needed to be successful in all high school mathematics courses.

#### **Algebra IB CP – Course #4106**

NCAA Approved

College Prep – Grade 9

(5.00 cr.) – 5 block periods per week – semester

Only 5 credits toward the NJDOE graduation requirements are earned for the combination of Algebra IA CP and Algebra IB CP.

Algebra is the study of patterns and functions. In Algebra I, the students will focus on understanding the big ideas of equivalency and linearity, learn to use a variety of representations, including modeling with variables; begin to build connections between geometric objects and algebraic expressions and use what they have previously learned about geometry, measurement, data analysis, and probability as applications of Algebra. The student will use appropriate tools and technology when applicable to assist in illustrating the connections between algebra and other areas of mathematics and demonstrate the power of algebra.

#### **Geometry CP – Course #4121**

NCAA Approved

College Prep – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

In this college-prep course, a study is made of the basic structure of two and three-dimensional Euclidean geometry. Geometry is based on undefined terms (points, lines and planes), defined terms and postulates, all of which are used to prove theorems, develop conjectures and to solve problems both inductively and deductively. Understanding of these fundamental concepts is achieved through the study of lines, segments, angles, polygons and circles. Various methods of proof and mathematical logic are stressed.

#### **Geometry Honors – Course #4125**

NCAA Approved

Gifted and Talented – Grade 9

(5.00 cr.) – 5 block periods per week – semester

This is a fast-paced, rigorous course. In this course, a study is made of the basic structure of two and three-dimensional Euclidean geometry. Geometry is based on undefined terms (points, lines and planes), defined terms and postulates, all of which are used to prove theorems, develop conjectures and to solve problems both inductively and deductively. Understanding of these fundamental concepts is achieved through the study of lines, segments, angles, polygons and circles. Various methods of proof and mathematical logic are stressed.

#### **Algebra II CP – Course #4112**

NCAA Approved

College Prep – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

This college-prep course is a continuation of the study of the real number system introduced in Algebra I with an expansion into the set of complex numbers. Linear, quadratics, rational and other polynomial functions are studied, as well as the exponential and logarithmic functions. Systems of linear equations and inequalities are discussed, as are quadratic relations and systems. These concepts are reinforced and applied through problem solving. An introduction to matrices will also be provided.

#### **Algebra II Honors – Course #4115**

NCAA Approved

Gifted and Talented – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

This fast-paced rigorous course is a continuation of the study of the real number system introduced in Algebra I with an expansion into the set of complex numbers. Linear, quadratics, rational and other polynomial functions are studied, as well as the exponential and logarithmic functions. Systems of linear equations and inequalities are discussed, as are quadratic relations and systems. These concepts are reinforced and applied through problem solving. An introduction to matrices will also be provided.

#### **Pre-Calculus Mathematics I – Course #4131**

NCAA Approved

College Prep – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

This course builds on Algebra II concepts for students interested in becoming science, technology, engineering and mathematics majors. In addition to trigonometry, other topics covered include conics, sequences, polar coordinates, parametric equations, vectors in plane, the dot product, and an introduction to limits. The teaching and use of graphing calculators are an integral part of the course to facilitate understanding of salient concepts.

#### **Accelerated Pre-Calculus – Course #4141**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

Honors – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

This is a fast-paced, rigorous precalculus course designed for students interested in becoming science, technology, engineering, and mathematics majors. Topics include algebraic equations; functions; graphing; and exponential, logarithmic, and trigonometric functions; vectors and the complex plane; sequences, series, and limits.

**Calculus I CP – Course #4143**

NCAA Approved

College Prep – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

This course involves a comprehensive study of differential calculus. The concepts of limits and continuity are analyzed. A balance is maintained between theory, applications and manipulative techniques. Included are the concepts of differentiation of functions, differentials, along with techniques and applications of differentiation.

**Calculus I AP® (AB) – Course #4142**

NCAA Approved

**\*Available for Dual Enrollment through CCC and RCBC**

Advanced Placement® – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

This course involves a comprehensive study of differential and integral calculus. The concepts of limits and continuity are analyzed. A balance is maintained between theory, applications and manipulative techniques. Included are the concepts of differentiation of functions, differentials, the definite integral, techniques and applications of differentiation and integration. The AB syllabus of the Advanced Placement® Examination is satisfied. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

**Calculus II AP® (BC) – Course #4150**

NCAA Approved

**\*Available for Dual Enrollment through CCC and RCBC**

Advanced Placement® – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

This course involves a comprehensive study and applications of the definite integral; techniques of integration; indeterminate forms and L'Hopital's Rule; improper integrals; sequences; and infinite series. The BC syllabus of the Advanced Placement® Examination is satisfied in this course. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

**Career and Trade Mathematics – Course #4172**

College Prep – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

This course is designed for students who plan on entering a career/technical field upon graduation. It expands on concepts learned in Algebra I and Geometry and focuses on real world applications.

**Introduction to Data Science – Course #4175**

College Prep – Grade (Varies)

(5.00 cr.) – 5 block periods per week – semester

In this course, students will gain knowledge of foundational topics in the field of data science and analytics. The course offers an overview of all stages of the data science process, including problem formulation, data collection and cleansing, data analysis, visualization, and communication of findings. Students will examine different types of data, storage formats, and some of the tools available today for performing data science tasks. Software tools, programming languages, and techniques will be integrated into all topics.

**NJSLA Math 11 – Course #4184**

Supplemental – Grade 11

(5.00 cr.) – 5 block periods per week – semester

No credit toward the NJDOE mathematics subject graduation requirements is earned for this course.

This is a required course for students who need to continue working on high school standards for graduation. Students will work on preparing for the NJ Graduation Proficiency Assessment (NJGPA). Students will also work on preparing for other post-secondary readiness tests such as the PSAT, SAT, and ACT.

**Elements of Statistics I – Course #4201**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

College Prep – Grades 11, 12

(5.00 cr.) – 5 block periods per week – semester

This course provides students majoring in health, criminal justice, or liberal arts with a basic introduction to statistical concepts and methods. Topics covered include: frequency distributions; measures of central tendency and variability; linear regression and correlation; fundamentals of probability; binomial and Normal distributions; sampling distributions and the Central Limit Theorem; confidence intervals; and hypothesis testing on a single population.

**Elements of Statistics II – Course #4202**

College Prep – Grades 11, 12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to follow Elements of Statistics I. It will provide additional elementary statistical research tools and techniques. Topics covered include hypothesis testing on two populations, Chi-square and F-distributions, analysis of variance, regression, correlation, and nonparametric tests.

**Financial Literacy – Course #4190**

College Prep – Grade 11

(2.50 cr.) – 5 block periods per week – quarter

This course will help students master the foundational elements of personal finance and to prepare for life on their own. Topics include; savings accounts, checking accounts, credit cards, taxes, loans and interest, home loans, auto loans, insurance, bonds, stocks, mutual funds, risk and diversification and inflation.

**SAT Math Prep – Course #6010 (combined with SAT ELA Prep)**

College Prep – Grade 11

(2.50 cr.) – 5 block periods per week – quarter

No credit toward the NJDOE mathematics subject graduation requirements is earned for this course.

This is a required course for all 11th grade students. The SAT Prep course is designed to help students prepare for the rigors of taking the PSAT and/or SAT tests offered by the College Board.

**MATHEMATICS SPECIAL EDUCATION COURSES**

Students who have Individualized Education Plans (IEPs) that state the need for support in this subject will have their courses selected with the Child Study Team at their Annual Review meetings.

## SCIENCE

Science education is essential for students who wish to compete in today's rapidly changing, technology-based society. Students must successfully complete 3 years of science to graduate from high school.

Although most colleges and universities require 2 years of lab science, there are programs at some colleges that require 3 years of lab science including Biology, Chemistry and Physics. Because of this requirement, it is highly recommended that students take Physics before leaving high school even though it is not a required course in high school.

Due to the many reforms in education that are reshaping classrooms all around the country, science classes today are different from those of the past. In science classes today, students are required to participate in inquiry driven laboratories, interdisciplinary investigations, and critical thinking activities. Students are asked to participate in debate, discussion, and experimentation more than they did in the past. Due to these exciting changes it is imperative that students work harder than ever to complete their assignments. All homework, classwork, and lab reports must be completed fully, on time, and to the best of the students' abilities. All reports should be written using proper grammar, sentence structure, and style as if they were being written for the students' English teachers. For the safety of all of the students, pupils that demonstrate that they are a safety risk to themselves or others may be removed from science classes.

\*To meet the requirements of the New Jersey Core Curriculum Content Standards, students must successfully complete one of each of these required courses within their high school career:

Biology (Honors, College Prep)  
 Chemistry, (Honors, College Prep), Environmental Science  
 Physics (Honors, College Prep), Integrated Science

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
Biology I	CP	5	9	None
Biology I	Honors	5	9	"A" in 8th grade life science Proficient Math and ELA 8th Grade NJSLA
Environmental Science	CP	5	10	Biology I
Chemistry I	CP	5	10	Biology I; Algebra I
Chemistry I	Honors	5	10	Biology I; Algebra I
Conceptual Physics	CP	5	11	Chemistry I or Environmental Science, Geometry
Physics of Human Performance	CP	5	11-12	Chemistry I or Environmental Science
Physics I	CP	5	11	Chemistry I, Geometry
Physics I	Honors	5	11	Chemistry I, Geometry
Biology II	AP®	5	10-12	Biology I
Chemistry II	AP®	5	11-12	Chemistry I, Geometry
Physics	AP®	5	12	Physics I
Physics C: Mechanics	AP®	5	11-12	Physics I, Calculus I
Basic Anatomy & Physiology I	Honors	5	10-12	Biology I
Basic Anatomy & Physiology II	Honors	5	11-12	Anatomy & Physiology I
Basic Microbiology	CP	5	11-12	Chemistry I
Introduction to Nutrition	CP	5	9-12	Biology I

### SCIENCE COURSE DESCRIPTIONS

#### **Biology I CP – Course #5000**

NCAA Approved

College Prep– Grade 9

(5.00 cr.) – 5 block periods per week – semester

College Preparatory Biology lab course is designed to offer students a wide scope of experiences in Biological Science. The curriculum emphasizes topics that include Biochemistry, Ecology, Cell Biology, and Molecular Genetics. Regular labs and activities focus on the development of laboratory skills and problem solving through experimentation and student-centered, hands-on activities. This introductory laboratory science course fulfills the Biology requirement as one of the three (3) years of science required for graduation. The students will be exposed to topics ranging from the molecular level to the organism level of living things. Emphasis is on the development of laboratory skills. To achieve greater academic success, it is recommended that the student have the following skills:

- A familiarity with the metric system
- Prior knowledge of graph design and interpretation
- Proper use of basic lab equipment and safety techniques

- Metric measurement and conversions
- Basic algebra
- Data graphing and interpretations
- Proper use of basic lab equipment and safety techniques

#### **Biology I Honors – Course #5001**

NCAA Approved

Honors – Grade 9

(5.00 cr.) – 5 block periods per week – semester

This course is designed for the college bound student with a strong interest in science. It covers the same basic topics as biology but at a faster pace and in greater depth. It is a heavily lab-oriented course and provides the strong background needed for success in advanced biology courses. Students will be required to write laboratory reports and complete projects. This course fulfills the Biology requirement as one of the three (3) years of science required for graduation. To be successful in this course it is recommended that the student have the following skills and understandings:

#### **Environmental Science CP – Course #5031**

NCAA Approved

College Prep – Grade 10

(5.00 cr.) – 5 block periods per week – semester

Environmental Science is designed to immerse students in the world of physical science. Students will explore concepts in chemistry and earth sciences that shape our environment. The course explores scientific concepts, principles and practices which allow students to analyze natural and human induced environmental issues. Students will engage in evidence-based decision making in real world contexts. A student may take Environmental Science to fulfill the graduation requirement if they have successfully completed a Biology course..This course will serve as an option for students who do not wish to take Chemistry I CP.

#### **Chemistry I CP – Course #5010**

NCAA Approved

College Prep – Grade 10

(5.00 cr.) – 5 block periods per week – semester

College Preparatory Chemistry provides students the opportunity to acquire a solid foundation of chemical principles and concepts. The year is devoted to topics in inorganic chemistry, including a foundation based on formula writing, the balancing of equations, stoichiometry, acids and bases, and gas laws. In conjunction with the course content, a laboratory sequence is offered. This sequence complements the curricula and affords the opportunity to experience first-hand not only the analyses and problem solving discussed in class, but also the chemical techniques associated with the course. Regular laboratories

focus on the development of laboratory skills and problem solving through experimentation and student-centered, hands-on activities. Students who enroll in this course are expected to have a working knowledge of algebraic concepts and the metric system. This course fulfills the Chemistry requirement as one of the three (3) years of science required for graduation.

### **Chemistry I Honors – Course #5011**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

Honors – Grade 10

(5.00 cr.) – 5 block periods per week – semester

This course is designed for the college bound student with demonstrated strong performance in science. It covers the same basic topics as chemistry but at a faster pace and in greater depth. It is a heavily lab-oriented course and provides the strong background needed for success in advanced chemistry courses. Students who enroll in this course are expected to have a firm knowledge of algebra, significant figures, metric measurements, dimensional analysis, laboratory techniques and laboratory report writing. Students will be required to write laboratory reports and complete projects. This course fulfills the Chemistry requirement as one of the three (3) years of science required for graduation.

### **Conceptual Physics CP – Course #5055**

NCAA Approved

College Prep – Grade 11

(5.00 cr.) – 5 block periods per week – semester

Conceptual Physics is a laboratory based science course which is designed as an introduction to major concepts in physics. The course allows students an opportunity to develop analytical and critical thinking skills through hands-on experimentation, intriguing discussions and active collaborative learning activities. The course includes concepts such as: motion, forces, energy, electricity, and the behavior of waves. Upon completion, students should be able to demonstrate an understanding of the physical environment and be able to apply the scientific principles to observations experienced.

### **Physics of Human Performance – Course #5058**

NCAA Approved

College Prep – Grade 11-12

(5.00 cr.) – 5 block periods per week – semester

Physics of Human Performance is a laboratory based science course which is designed as an introduction to major concepts in physics. The course allows students an opportunity to develop analytical and critical thinking skills through intriguing discussions and hands-on experimentation, including investigation of the physiological, biomechanical, and measurement aspects of strength training and conditioning. The course includes concepts such as: motion, forces, energy, electricity, and the behavior of waves. Upon completion, students should be able to demonstrate an understanding of the physical environment and be able to apply the scientific principles to observations experienced.

### **Physics I CP – Course #5060**

NCAA Approved

College Prep – Grade 11

(5.00 cr.) – 5 block periods per week – semester

Physics is the mathematical study of matter and energy at the most basic level. The application of concepts will be developed through demonstrations, real-world applications, problem-solving, and experiments. In the lab, students are acquainted with the collection and analysis of data. This course is focused on the use of Algebra in evaluating problems and investigations in physics. Topics include but are not limited to motion and forces, vectors, work and energy, and electricity. This course fulfills the Physics requirement as one of the three (3) years of science required for graduation.

### **Physics I Honors – Course #5061**

NCAA Approved

Honors – Grade 11

(5.00 cr.) – 5 block periods per week – semester

Like Physics I CP, this course provides an introduction to the fundamental laws governing the physical world. However, additional topics are covered and there is an increased emphasis on quantitative relationships. Problem solving techniques are stressed. Physics is essential for those planning on careers in the pure sciences (such as biology, chemistry and physics) or applied sciences (such as engineering or medicine). Proficiency in algebraic concepts is essential. This course fulfills the Integrated Science or Physics requirement as one of the three (3) years of science required for graduation.

### **Biology II AP® – Course #5002**

NCAA Approved

**\*Available for Dual Enrollment through RCBC**

Advanced Placement® – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course builds on topics and techniques covered in biology with special emphasis on laboratory techniques and current applications of biology such as ecological research, biotechnology and advances in genetics. For the student to achieve success, it is recommended that the student has developed his/her skills in a first year biology course with particular emphasis on laboratory techniques and the clear, concise writing of laboratory reports. The curriculum is aligned to prepare students to take the AP® Biology exam. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

### **Chemistry II AP® – Course #5012**

NCAA Approved

**\*Available for Dual Enrollment through CCC and RCBC**

Advanced Placement® – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This laboratory-oriented course is designed to meet the needs of students who are planning to continue the study of science. This course broadens the areas of study in chemistry dealing with topics such as thermodynamics, kinetics, equilibrium and organic chemistry. Because of the strict timeline that Chemistry II must follow and its intense nature, there is a summer assignment and extensive out of class. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

### **Physics AP® – Course #5062**

NCAA Approved

**\*Available for Dual Enrollment through RCBC**

Advanced Placement® – Grade 12

(5.00 cr.) – 5 block periods per week – semester

This course continues the study of physics and its fundamental laws and relationships. Selected topics from Physics I are reviewed and extended with additional topics introduced. The curriculum is aligned to prepare students to take the "AP® Physics 1" exam. The rigor of the course may also provide opportunities to explore additional topics such as wave nature of light, quantum mechanics, thermodynamics & fluid mechanics. Proficiency in algebra and trigonometry are required for success in this course. Those planning on a career in the pure or applied sciences should enroll in this course. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

### **Physics C: Mechanics AP® – Course #5065**

NCAA Approved

**\*Available for Dual Enrollment through RCBC**

Advanced Placement® – Grade 11-12

(5.00 cr.) – 5 block periods per week – semester

This course continues the study of physics and its fundamental laws and relationships. Selected topics from Physics I are reviewed and extended. The curriculum is aligned to prepare students to take the "AP® Physics C: Mechanics" exam. The course covers kinematics, Newton's laws of motion; work, energy and power: systems of principles and linear momentum; circular motion and rotation; and oscillations and gravitation. Proficiency in calculus is required for success in this course. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

### **Basic Anatomy & Physiology I – Course #5121**

NCAA Approved

Honors – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to introduce the basic principles of anatomy and physiology to nursing and health science academy students. Following an introduction to the organization of the human body, basic chemistry, and basic cell biology, Basic Anatomy and Physiology (BIO 117) examines the histology, gross anatomy and functions of organs of the integumentary, skeleton, muscular, and nervous systems. Laboratories are designed to supplement the lecture material and include the use of the following materials: histology slides, models, preserved specimens and computer simulated physiology exercises.

### **Basic Anatomy & Physiology II – Course #5122**

NCAA Approved

Honors – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to introduce the basic principles of anatomy and physiology to nursing and health science academy students. Following an introduction to the organization of the human body in Basic Anatomy and Physiology I (BIO-117), this continuation course examines the histology, gross anatomy and functions of organs of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems. Laboratories are designed to supplement the lecture material and include the use of the following material: histology slides, models, preserved specimens and computer simulated physiology exercises.

**Basic Microbiology – Course #5125**

NCAA Approved

College Prep– Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to introduce the basic principles of microbiology to nursing and health science academy students. Topics include biological concepts of cell structure, growth, reproduction, genetics, classification, beneficial microbe/human interactions, infections and host defenses. Laboratory exercises are designed to teach microscopy, staining, cultivation and identification of bacteria, control of microbial growth, aseptic technique and proper disposal of contaminated items. Lecture and Laboratory activities will emphasize analytical thinking and problem-solving ability.

**Introduction to Nutrition – Course #5130**

***\*Available for Dual Enrollment through CCC***

College Prep– Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed as a scientific exploration of the fundamentals of nutrition. Topics include the function and sources of the macro and micronutrients needed to promote health and aid in disease prevention and treatment. Students will learn about energy metabolism, digestion, absorption and transportation of nutrients. Students will learn how cultural influences affect nutrition status and they will learn how to assess and improve nutritional health by completing a computerized diet analysis on their current eating habits. This course does not satisfy a laboratory science elective.

**SCIENCE SPECIAL EDUCATION COURSES**

Students who have Individualized Education Plans (IEPs) that state the need for support in this subject will have their courses selected with the Child Study Team at their Annual Review meetings.

## SOCIAL STUDIES/SOCIAL SCIENCES

The goal of the Social Studies Department at Pennsauken High School is to empower our students with the skills and knowledge that will enable them to be responsible citizens whose contributions will make a positive difference in our world. Our students will learn the processes for research including the ability to identify and evaluate relevant information. They will reason logically and learn how to examine multiple perspectives. They will develop processes for problem solving and for working cooperatively on contemporary issues. They will present their ideas and be able to support their conclusions both orally and in writing, using appropriate and effective language writing mechanics.

In summary, the Pennsauken High School Social Studies Department intends to help students develop the skills and abilities to:

Analyze	Debate	Evaluate	Recite
Apply	Determine cause -	Explain	Respond
Compare	effect relationships	Identify	Solve
Construct	Differentiate	List	Summarize
Contrast	Discover similarities	Predict	Synthesize
Create	Draw conclusions	React	Write

Methods used to determine student grades include but are not limited to:

- Regular academic testing—including essay tests, objective tests, and oral testing when appropriate.
- Observation of student classroom participation.
- Written assignments (both required and voluntary).
- Oral reports (both individual and group reports, required or voluntary).
- Related Projects
- Rubric for cooperative learning
- Presentation
- Essay
- Debate

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
World History	CP	5	9	None
World History	AP®	5	9	"A" in 8th grade ELA and Social Studies Courses Proficient ELA 8th Grade NJSLA
United States History I	CP	5	10	World History
United States History I	Honors	5	10	World History
United States History II	CP	5	11-12	U.S. History I
United States History II	AP®	5	11-12	U.S. History I
United States Government and Politics	AP®	5	11-12	U.S. History I, U.S. History II
Basic Psychology	CP	5	10-12	None
Psychology	AP®	5	10-12	Literature and Composition 9
Introduction to Sociology	CP	5	10-12	None
Developmental Psychology	CP	5	11-12	Basic Psychology/Psychology AP
Current Events	CP	2.5	11	None

### SOCIAL STUDIES/SOCIAL SCIENCES COURSE DESCRIPTIONS

#### **World History CP – Course #3101**

NCAA Approved

College Prep – Grade 9

(5.00 cr.) – 5 block periods per week – semester

The purpose of the World History course is to provide a foundation in global civilizations, which will serve as a background for future studies in social studies on a secondary level.

Six units of study will investigate cultures from North America, Europe, Latin America, Africa and Asia. This course will include the study of people and nations as well as the geographic, political, social, economic, religious, and cultural forces that have influenced the development of societies from the 15<sup>th</sup> – mid 20<sup>th</sup> Century.

Students will continue to demonstrate reading, writing, and critical thinking skills by completing all assignments using standard English, including correct spelling, grammar, and punctuation, as well as standard sentence and essay format.

#### **World History AP® – Course #3105**

NCAA Approved

**\*Available for Dual Enrollment through RCBC**

Advanced Placement® – Grade 9

(5.00 cr.) – 5 block periods per week – semester

In this course, students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and

transformation of social structures. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

#### **United States History I CP: Colonialism to the Late 19<sup>th</sup> Century – Course #3111**

NCAA Approved

College Prep – Grade 10

(5.00 cr.) – 5 block periods per week – semester

This course will focus on the forces at work during the formation of the American colonies through the industrial and urbanization period. Particular attention will be accorded to the intellectual, social, and political foundations of American society. Emphasis will be placed on the cultural and societal movements that shaped our country and played an influence on world events through the mid-19<sup>th</sup> century.

The emphasis of this course will be on reading, writing, and critical thinking. Students will continue to demonstrate those skills by completing all assignments using standard English, including correct spelling grammar and punctuation, as well as standard sentence and essay format.

#### **United States History I Honors – Course #3115**

NCAA Approved

Honors – Grade 10

(5.00 cr.) – 5 block periods per week – semester

This course emphasizes chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narratives. Content learning objectives are organized around themes such as identity, people, and America in the world. This U.S. History survey course focuses on American history from 1491 to 1865. It is expected that students take the AP U.S. History exam upon completion of U.S. History II AP.

To succeed in this course, students should possess the following characteristics:

- Academic excellence

- An ability to speak, read, listen, and write with a high degree of proficiency
- A genuine interest in United States history and a willingness to complete extensive reading assignments
- Initiative and self-motivation toward academic pursuits
- A willingness to engage in independent study

### **United States History II CP: Late 19<sup>th</sup> Century to the Present – Course #3131**

#### NCAA Approved

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course will focus on the forces at work during the formation of America as a world power to the present. Particular attention will be accorded to the intellectual, social, and political events and ideas that influenced American society. Emphasis will be placed on the cultural and societal movements that continue to shape our country and play an influence on world events through the beginning of the 21<sup>st</sup> century.

This course is designed for students who have a good foundation in social studies and plan to attend college or enter the world of business or technology. The emphasis of this course will be on reading, writing, and critical thinking. Students will continue to demonstrate those skills by completing all assignments using standard English, including correct spelling grammar and punctuation, as well as standard sentence and essay format.

### **United States History II AP® – Course #3135**

#### NCAA Approved

**\*Available for Dual Enrollment through CCC and RCBC**

Advanced Placement® – Grade 10

(5.00 cr.) – 5 block periods per week – semester

This course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes, such as identity, people, and America in the world. This U.S. history survey course focuses on American history from 1866 to present. AP U.S. History II is designed to be the equivalent of the second semester of a college or university U.S. history course. Students review the Honors US History I curriculum and prepare to take the AP United States History exam. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

To succeed in this course, students should possess the following characteristics:

- Academic excellence
- An ability to speak, read, listen, and write with a high degree of proficiency
- A genuine interest in United States history and a willingness to complete extensive reading assignments
- Initiative and self-motivation toward academic pursuits
- A willingness to engage in independent study

### **United States Government and Politics AP® – Course #3123**

#### NCAA Approved

**\*Available for Dual Enrollment through RCBC**

Advanced Placement® – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course is for those students highly motivated by, or interested in, the study of, political science and the government of our country. It is designed along the curricular lines set forth by the College Board. The content of the course provides students with an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with various institutions, groups, and beliefs that constitute U.S. politics. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

To succeed in this course, student should possess the following characteristics:

- Academic excellence
- An ability to speak, read, listen and write with a high degree of proficiency
- An ability to write using standard writing

- An ability to write using standard format writing conventions and the standard essay format
- A genuine interest in United States government and politics and a willingness to complete extensive reading assignments
- Initiative and self-motivation toward academic pursuits
- A willingness to engage in independent study

### **Basic Psychology – Course #3210**

#### NCAA Approved

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This introductory course covers the major principles and scientific research underlying behavior and mental processes. Topics include history and schools of psychology, careers in psychology, research methods and ethics, biological foundations of behavior, sensation and perception, basic principles of learning, thinking, memory, language, intelligence, motivation, emotion, personality, social behavior, mental disorders, and therapies.

### **Psychology AP® – Course #3212**

#### NCAA Approved

**\*Available for Dual Enrollment through RCBC**

Advanced Placement® – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

### **Introduction to Sociology – Course #3230**

#### NCAA Approved

**\*Available for Dual Enrollment through CCC and RCBC**

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed to help students understand and think about the behavior of people in groups, with emphasis on mastery of fundamental sociological concepts and an introduction to systematic social analysis. The course may consider newer sociological developments, culture and socialization, social organization, social classes, collective behavior, population, urbanization, and social change.

### **Developmental Psychology – Course #3215 \*ODD YEARS**

#### NCAA Approved

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course covers the process of psychological development through the lifespan from infancy up to and including the senior years. It reviews the current theories and scientific research findings. The role of genetic factors, maturation, learning factors in the development of motivation, intellect, social, and emotional adjustment are presented.

### **Current Events – Course #3305**

College Prep – Grade 11

(2.50 cr.) – 5 block periods per week – quarter

This course focuses on world and local issues that affect students' everyday lives, such as economics, government, and conflict. This course uses print and online media to support class discussion. Students participate in individual and group projects/presentations and work with primary source materials and opinion pieces in order to better understand the world around them.

## **SOCIAL STUDIES/SOCIAL SCIENCES SPECIAL EDUCATION COURSES**

Students who have Individualized Education Plans (IEPs) that state the need for support in this subject will have their courses selected with the Child Study Team at their Annual Review meetings.

**PHYSICAL EDUCATION/HEALTH**

The Physical Education program will provide student choice regarding the activities and sports in which the students will participate. Students will enroll in the appropriate grade level Physical Education and Health courses and will be assigned a teacher. They will have units facilitated by other Physical Education teachers throughout the school year. Grading for Health and Physical Education will be based on participation, preparation, written assignments, and projects.

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
PE/Health 09	CP	5	9	None
PE/Health 10	CP	5	10	PE/Health 09
PE/Health 11	CP	5	11	PE/Health 10
PE/Health 12	CP	5	12	PE/Health 11
Senior Leadership Academy	CP	5	12	Application required
Unified PE/Health	CP	5	11-12	Application required

**PHYSICAL EDUCATION/HEALTH COURSE DESCRIPTIONS**

**Physical/Health Education 9 – Course #8049**

College Prep – Grade 9

(5.00 cr.) – 5 block periods per week – semester

Instruction will be given in the skills needed to participate in individual and team sports. Attention will be given to the history, rules, regulations and strategies of selected games. Health for ninth grade will consist of the study of personal wellness, basic health and safety through personality, nutrition, systems of the body, fitness, disease prevention, substance abuse and consumer awareness.

**Physical/Health Education 10 (Driver Education) – Course #8050**

College Prep – Grade 10

(5.00 cr.) – 5 block periods per week – semester

Instruction will be given in the skills needed to participate in individual and team sports. Attention will be given to the history, rules, regulations and strategies of selected games. Health for tenth grade will consist of the study of driver education and safety and to continue with the study of alcohol and substance abuse.

**Physical/Health Education 11 – Course #8051**

College Prep – Grade 11

(5.00 cr.) – 5 block periods per week – semester

Instruction will be given in the skills needed to participate in individual and team sports. Attention will be given to the history, rules, regulations and strategies of selected games. Health for eleventh grade will consist of the study of the procedures for standard first aid and CPR (no certification) and continue with the study of substance abuse, systems of the body, fitness and nutrition, stress management and emerging social issues.

**Physical/Health Education 12 – Course #8052**

College Prep – Grade 12

(5.00 cr.) – 5 block periods per week – semester

Instruction will be given in the skills needed to participate in individual and team sports. Attention will be given to the history, rules, regulations and strategies of selected games. Health for twelfth grade will provide a three (3) week study on the effects of substance abuse, including the effects on personal living and family life.

**Senior Leadership Academy – Course #8060**

**\*Application required**

College Prep – Grade 12

(5.00 cr.) – 5 block periods per week – semester

Senior Leadership Academy develops the leadership skills of high school students while teaching them to provide outreach to freshmen that focus on: building relationships, fostering collaboration, increasing self-confidence, developing problem-solving skills, and acquiring decision-making strategies. The Senior Leadership Academy seeks to achieve three key outcomes for the peer leaders: improved communication with peers, teachers, and families with an appreciation for people from different backgrounds; increased confidence in fulfilling academic and social responsibilities; and enhanced leadership skills and ability to identify and solve problems. This course fulfills the yearly Health & Physical Education requirement.

**Unified Physical/Health Education – Course #8070**

**\*Application required**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.



## WORLD LANGUAGE

All World Language courses meet the New Jersey graduation requirement. The primary responsibility of this department is to provide instruction, which will give students a facility with spoken and written communication in the language of their choice. Each course will also provide an in-depth exposure to a culture other than our own and should make the student a more well-rounded and sensitive individual.

Each student enrolling in a World Language course will be expected to meet his/her responsibilities as part of the learning process. These include:

- Attending class regularly
- Completing all requirements of the course on time (including homework and supplementary assignments)
- Recognizing the need to memorize certain basic vocabulary, grammatical rules and other essentials for fluency in the target language
- Participating in all class activities
- Making up work immediately following an absence
- Meeting all assigned deadlines
- Seeking additional help from the teacher when it is needed

The use of the Internet and other technologies will be integrated into each course. Learning a world language is a rewarding accomplishment, but it does require an additional commitment on the part of the student. A language cannot be learned unless the student is willing to spend time and effort above and beyond the activities of the classroom. The pleasure of the final accomplishment will far outweigh the hard work it requires.

World language study adds an additional dimension to a learning program. Through this study, students are not only culturally enriched but are better prepared to meet the demands of our complex society.

The fourth year program in all these languages will give the student an Advanced Placement® status (enrollment must be sufficient to warrant separate sections).

Courses Offered				
Course Title	Level	Credits	Grade Level	Prerequisite (for grades required, see <a href="#">Entrance/Continuation Requirements for Course Levels</a> )
French I	CP	5	9-12	None
French II	CP	5	10-12	French I
French II	Honors	5	10-12	French I
French III	CP	5	11-12	French II
French III	Honors	5	11-12	French II
French IV	AP®	5	12	French III
Latin I	CP	5	9-12	None
Latin II	Honors	5	10-12	Latin I
Latin III	Honors	5	11-12	Latin II
Latin IV	AP®	5	12	Latin III
Spanish I	CP	5	9-12	None
Spanish II	CP	5	10-12	Spanish I
Spanish II	Honors	5	10-12	Spanish I
Spanish III	CP	5	11-12	Spanish II
Spanish III	Honors	5	11-12	Spanish II
Spanish IV	AP®	5	12	Spanish III
Heritage Spanish I	CP	5	9	*test/teacher recommendation required
Heritage Spanish II	CP	5	10	Heritage Spanish I

### WORLD LANGUAGE COURSE DESCRIPTIONS

#### FRENCH

##### **French I CP – Course #2001**

NCAA Approved

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course aims to develop the speaking and listening skills in French through oral practice and listening comprehension activities. Reading and writing in French are introduced. French culture and the French way of life are presented through skits, films, slides, photographs, and projects. Interactive activities are presented to ensure active student involvement.

##### **French II CP – Course #2002**

NCAA Approved

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course continues to develop listening and speaking skills at the second level with an emphasis on proficiency. More emphasis is placed upon reading and writing. Students gain further cultural awareness through videos, role-playing, films and projects.

##### **French II Honors – Course #2005**

NCAA Approved

Honors – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

French II Honors will further develop the communication skills and cultural knowledge that students have acquired in French I. Students will be expected to understand, speak, read and write French with increasing accuracy. Instruction will focus upon meaningful interaction, cultural experiences and creative communication of the language. Students will be expected to speak in the target language during class time. Students enrolled in the Honors section of French II should be prepared to work at an accelerated pace. Increased independent work, including supplemental readings and writing assignments, will be required of Honors students. Honors students should be planning to study French AP® as they progress through their high school academic program.

##### **French III CP – Course #2003**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

At this level, a progressive development of the four (4) skills of communication (listening, speaking, reading and writing) is maintained. Competence in all skills is acquired through extensive guided practice. Conversation exercises are devised to enable the student to proceed further toward using the language as communication. The audio-lingual skills remain central, while reading and writing are developed consistently with the mastery of vocabulary and sentence structure. Aspects of culture are expanded. Students enrolled at this level are also eligible to participate in foreign travel programs.

##### **French III Honors – Course #2006**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

Honors – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

At this level, students will accelerate their progressive development of the four (4) skills of communication (listening, speaking, reading and writing). Conversation exercises are devised to enable students to proceed further toward using the language as communication. The audio-lingual skills remain central, while reading and writing are developed consistently with the mastery of vocabulary and sentence structure. Students enrolled at this level are preparing to continue their study of French at the AP® level.

**French IV AP® – Course #2004**

NCAA Approved

**\*Available for Dual Enrollment through CCC and RCBC**

Advanced Placement® – Grade 12

(5.00 cr.) – 5 block periods per week – semester

This level of study offers opportunities in the following areas:

- Listening comprehension (to understand, without difficulty, an educated native speaker)
- Speaking (to converse, with reasonable fluency and grammatical accuracy)
- Reading (to read, without translation, newspapers, magazines and most non-technical contemporary material)
- Writing (in a style acceptable to a native speaker)

Included at this level are aspects of the culture. This should instill sufficient understanding and sensitivity for the people so that a student could be able to live in the country as a welcome visitor. Students enrolled at this level are also eligible to participate in foreign travel programs. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

LATIN

Note: Upon completion of Latin I, students who wish to continue to study Latin will be enrolled in Latin II Honors.

**Latin I CP – Course #2031**

NCAA Approved

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course is designed for students who desire an appreciation of the Latin language. Students are introduced to basic Latin pronunciation, grammar, and vocabulary. The course stresses translation and comprehension skills. The culture and history of the Ancient Romans is also presented through historic texts, multimedia presentations, films, projects, and activities. This course focuses on the founding of Rome through the end of the Roman Republic (753 B.C. – 27 B.C.). Basic mythology is introduced. The impact of Classical civilizations and the Latin language on modern cultures and languages is explored.

**Latin II Honors – Course #2036**

NCAA Approved

Honors – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

Latin II Honors further develops students' knowledge and understanding of Latin grammar and vocabulary. Students will continue their study of Roman culture and history, focusing on the period of the Roman Empire from 27 BC. – 476 AD. Students will also increase their knowledge of our inheritance from Classical cultures and languages. Mythology will continue to be studied. In this course, students will be exposed to unadapted selections of Latin literature, poetry, and historic texts, with increased emphasis on proficiency in translation and comprehension skills. Students enrolled in Honors Latin II should be prepared to work at an accelerated pace.

**Latin III Honors – Course #2033**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

Honors – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

Students complete their study of Latin grammar during this course. Students continue to expand their vocabulary through the course. Proficiency in translation, comprehension, and composition is further developed. Knowledge and comprehension of Roman culture and history is expanded. Emphasis is placed on Rome's enduring influence on culture and language, through the study of classical influence in Europe throughout the Middle Ages and Renaissance. Mythology continues to be studied, with emphasis on early Roman and Greek heroes, epics, and transformations. Students continue to be exposed to unadapted selections of Latin, culminating in reading the *Life of Atticus* by Cornelius Nepos and/or selections from *Cesar's Gallic Wars*.

**Latin IV AP® – Course #2034**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

Advanced Placement® – Grade 12

(5.00 cr.) – 5 block periods per week – semester

This course offers the advanced Latin student the opportunity to study and learn Vergil's classic epic, the *Aeneid*. Students will also gain knowledge and understanding of ancient history, culture and mythology through the epic and additional materials. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

This level of study offers the following:

- Comprehension of the Latin language at an advanced level
- Fluency in translation and reading skills
- Knowledge of Latin poetic forms and scansion
- A comprehension of literary selections from epic poetry in the original Latin form
- Composition of original essays and papers on selected literary topics
- Understanding the historical and cultural legacy of the Roman Empire
- Solidifying personal knowledge of Latin's contributions and specific use in many fields of endeavors

SPANISH

**Spanish I CP – Course #2021**

NCAA Approved

College Prep – Grades 9-12

(5.00 cr.) – 5 block periods per week – semester

This course aims to develop the speaking and listening skills in Spanish through oral practice and listening comprehension activities. Reading and writing in Spanish are introduced. Spanish culture and the Spanish way of life are presented through dramatizations, films, slides, songs and projects requiring active student involvement.

**Spanish II CP – Course #2022**

NCAA Approved

College Prep – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course continues to develop listening and speaking skills at the second level. More emphasis is placed upon reading and writing. Students gain further cultural information and exposure by reading selections from the literature of the language.

**Spanish II Honors – Course #2027**

NCAA Approved

Honors – Grades 10-12

(5.00 cr.) – 5 block periods per week – semester

This course will further develop the communication skills and cultural knowledge that students have acquired in Spanish I. Students will be expected to understand, speak, read and write Spanish with increasing accuracy. Instruction will focus upon meaningful interaction, cultural experiences and creative communication of the language. Students will be expected to speak in the target language during class time. Students enrolled in the Honors section of Spanish II should be prepared to work at an accelerated pace. Increased independent work, including supplemental readings and writing assignments, will be required of Honors students. Honors students should be planning to study Spanish AP® as they progress through their high school academic program.

**Spanish III CP – Course #2023**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

College Prep – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

At this level, a progressive development of the four (4) skills of communication (listening, speaking, reading and writing) is maintained. Competence in all skills is acquired through extensive guided practice. Conversation exercises are devised to enable the student to proceed further toward using the language as communication. The audio-lingual skills remain central, while reading and writing are developed consistently with the mastery of vocabulary and sentence structure. Students enrolled at this level are also eligible to participate in foreign travel programs.

**Spanish III Honors – Course #2028**

NCAA Approved

**\*Available for Dual Enrollment through CCC**

Honors – Grades 11-12

(5.00 cr.) – 5 block periods per week – semester

At this level, students will accelerate their progressive development of the four (4) skills of communication (listening, speaking, reading and writing). Conversation exercises are devised to enable students to proceed further toward using the language as

communication. The audio-lingual skills remain central, while reading and writing are developed consistently with the mastery of vocabulary and sentence structure. Students enrolled at this level are preparing to continue their study of Spanish at the AP® level.

**Spanish IV AP® – Course #2025**

NCAA Approved

**\*Available for Dual Enrollment through CCC and RCBC**

Advanced Placement® – Grade 12

(5.00 cr.) – 5 block periods per week – semester

This level of study offers opportunities in the following areas:

- Listening comprehension (to understand a native speaker)
- Speaking (to converse, with reasonable fluency and grammatical accuracy)
- Reading (to read newspapers, magazines and most non-technical contemporary material)
- Writing (in a style acceptable to a native speaker)

Included at this level are aspects of the culture. This should instill sufficient understanding and sensitivity for the people so that a student could be able to live in the country as a welcome visitor. Students enrolled at this level are also eligible to participate in foreign travel programs. Students will be expected to take the Advanced Placement® exam and may qualify to receive college credit.

**Heritage Spanish I – Course #2011**

College Prep – Grade 9

(5.00 cr.) – 5 block periods per week – semester

This course is designed to build on the language base students already possess. The primary goal of this course is to develop reading and writing skills in the target language although listening and speaking are also emphasized. The course integrates history and cultural elements.

**Heritage Spanish II – Course #2012**

College Prep – Grade 10

(5.00 cr.) – 5 block periods per week – semester

This course is designed to build on the language base students already possess and have developed in Heritage Spanish I. The primary goal of this course is to develop reading and writing skills in the target language although listening and speaking are also emphasized. The course integrates history and cultural elements. Instruction and course materials are presented in the target language.

**WORLD LANGUAGE SPECIAL EDUCATION COURSES**

Students who have Individualized Education Plans (IEPs) that state the need for support in this subject will have their courses selected with the Child Study Team at their Annual Review meetings.