



Pennsville Memorial High School

2010-2011 COURSE OFFERINGS

**Last Day to request dropping or
adding a course is Sept. 17, 2010.**

***All course offerings are dependent upon
enrollment and budgetary constraints.***

Dear Parents and Students,

Much of the paths we choose in life are determined by the direction in which we want to travel. For many of you, this journey has already begun as you select friends, activities, and experiences, but few decisions can have as big an impact upon your future as your education. This Course Offerings Handbook is a valuable compass designed to aid you not only in your course selection here at Pennsville Memorial High School, but in life as well.

In order to make thoughtful and considered decisions regarding your academic career, it is important to spend time investigating your options, weighing them carefully, and then selecting those courses which will best prepare you for a wide range of choices. Students should examine their academic and vocational paths and look to maximize their potential during their high school experience by taking as many classes as possible. Parents should encourage their students to enroll in rigorous courses designed to challenge their minds and expand their thinking beyond the narrow confines of the classroom. Finally, parents and students alike should take advantage of the wisdom and guidance that our school counselors can provide.

It is a great opportunity that you have before you. Knowledge is the key to your future success and you have been given the chance to shape the direction of your own education. Use this opportunity wisely for it can provide you with all of the skills you will need to explore new worlds, examine other cultures, appreciate your own, and journey into yourself.

Sincerely,

Matthew D. McFarland
Principal

COURSE OFFERINGS
INDEX

	<u>Page</u>
Equal Educational Opportunity Policy	4
High School Graduation Requirements	6
Attendance Policy	6
Course Change Procedure	7
Waiver of Prerequisite Requirement	8
Calculator Needs for High School	8
Weighted Courses	8
Independent Study	9
Summer Enrichment	9
Dual Credit Courses	10
Career Education	10
PMHS Testing Program	11
School to Careers Initiative	11
12th Grade Pilot Program	11
Senior Scheduling Guidelines	12
Final Exam Exemption	12
Sample College Preparatory Program	13
English/Language Arts Program	14
Social Studies Program	21
Science Program	28
Mathematics Program	36
Physical Education/Health Program	41
World Language Program	45
Technology Education Program	49
Music Program	53
Art Program	60
Applied Technology Program	64
Family & Consumer Science Program	70
Special Education Program	72
Salem County Vocational High School	76
Contact Information	87

PENNSVILLE PUBLIC SCHOOL DISTRICT

EQUAL EDUCATIONAL OPPORTUNITY POLICY

Dear Parents & Students of Pennsville Memorial High School:

Attached is the revised Course Offerings Handbook. We hope you will use it to assist your child in determining which courses he or she should choose to further his or her education.

It is the District's philosophy that the focus of the educational program at Pennsville is on the growth of each student which encourages the development of the maximum potential of the individual.

It is the policy of the Pennsville Township Board of Education and the District to ensure equal and bias-free access to all school facilities, courses, programs, activities and services regardless of race, color, national origin, ancestry, age, sex, affectional or sexual orientation, marital status, domestic partnership status, familial status, liability for service in the Armed Forces of the United States, atypical hereditary cellular or blood trait of any individual, genetic information or refusal to submit to a genetic test or make the results of a genetic test known, disability, social or economic status, pregnancy, childbirth, pregnancy-related disabilities, actual or potential parenthood, or family status.

race, color, creed, religion, national origin, ancestry, age, marital status, affectional or sexual orientation, sex, social or economic status, or disability.

It is not only the desire, but the responsibility of the Administration and staff in the Pennsville School District to provide for equality in school and classroom practices. As such:

* No student or employee will be denied access to, or benefit from any educational program or activity on the basis of race, color, national origin, ancestry, age, sex, affectional or sexual orientation, marital status, domestic partnership status, familial status, liability for service in the Armed Forces of the United States, atypical hereditary cellular or blood trait of any individual, genetic information or refusal to submit to a genetic test or make the results of a genetic test known, disability, social or economic status, pregnancy, childbirth, pregnancy-related disabilities, actual or potential parenthood, or family status;

* There will be no differentiation requirement for completion of course offerings or courses of study on the basis race, color, national origin, ancestry, age, sex, affectional or sexual orientation, marital status, domestic partnership status, familial status, liability for service in the Armed Forces of the United States, atypical hereditary cellular or blood trait of any individual, genetic information or refusal to submit to a genetic test or make the results of a genetic test known, disability, social or economic status, pregnancy, childbirth, pregnancy-related disabilities, actual or potential parenthood, or family status, except as otherwise provided

for in a student's individual educational plan or Section 504 Accommodation Plan;

- * There will be no discrimination against students or staff because of pregnancy, childbirth, pregnancy related disabilities, actual or potential parenthood, or family or marital status. In addition, a student will not be excluded from any educational program or activity because of pregnancy or related conditions unless she so requests or a physician certifies that such exclusion is necessary for her physical, mental or emotional well being. Under such circumstances, the student will be provided with the opportunity to continue and/or make up the school work that is missed without prejudice or penalty in accordance with the Board's applicable policies and regulations;
- * No course offerings, including, but not limited to physical education, health, industrial arts, business, vocational or technical courses/training, home economics, music and adult education will be limited on the basis of race, color, national origin, ancestry, age, sex, affectional or sexual orientation, marital status, domestic partnership status, familial status, liability for service in the Armed Forces of the United States, atypical hereditary cellular or blood trait of any individual, genetic information or refusal to submit to a genetic test or make the results of a genetic test known, disability, social or economic status, pregnancy, childbirth, pregnancy-related disabilities, actual or potential parenthood, or family status; and
- * No student or employee will be separated or isolated by reason of race, color, national origin, ancestry, age, sex, affectional or sexual orientation, marital status, domestic partnership status, familial status, liability for service in the Armed Forces of the United States, atypical hereditary cellular or blood trait of any individual, genetic information or refusal to submit to a genetic test or make the results of a genetic test known, disability, social or economic status, pregnancy, childbirth, pregnancy-related disabilities, actual or potential parenthood, or family status within schools, courses, classes, programs or extra-curricular activities.

If you have any questions regarding any of the above, please do not hesitate to contact the high school.

**PENNSVILLE MEMORIAL HIGH SCHOOL
HIGH SCHOOL GRADUATION REQUIREMENTS**

In order to be graduated from Pennsville Memorial High School, and receive a state-endorsed Pennsville Board of Education diploma, a student must:

1. Pass the High School Proficiency Assessment and any other assessments as required by the State of New Jersey; and
2. Complete satisfactorily the state-required credit years plus the elective credit years required to meet the district's minimum of 130 credits for graduation. "Successful completion" means that the student has demonstrated the degree of proficiency required by the district to indicate achievement of the district goals for the particular course, and has attended the required number of course sessions. (See Attendance Policy Page 6.)

The credits must include the following:

1. Four years of English
2. One year for each year in high school, of health, physical education and safety
3. Three years of social studies
4. Three years of mathematics
5. Three years of science
6. One year of world language
7. One year of visual and performing art
8. One year of career education and consumer, family and life skills and/ or vocational-technical education
9. Semester of financial literacy (Class of 2014)

In order to be classified a sophomore (10th grade), a student must have accumulated 32.5 credits.

In order to be classified a junior (11th grade), a student must have accumulated 65 credits.

In order to be classified a senior (12th grade), a student must have accumulated 97.5 credits.

Note: A failure in Health Class must be made up in summer school or rescheduled the following year. No student will be rescheduled for Health during the year in which the class was failed.

ATTENDANCE POLICY

- Students are required to be in school for **NO LESS than 166 days**.
- More than **14** missed class periods is considered **excessive**.
- **Once you pass 14 days in a class the Attendance Review Committee will decide on of the following:**
 - **Waive Attendance Policy = you're ok**
 - **Grant Credit Completion (During Summer Only)**
 - **DENY COURSE CREDIT**

- **The 14 days is for BOTH Excused & Unexcused days!!!!**
 - The Review committee will review all days not just those over 14
- **You MUST bring a NOTE for every absence.**
 - Note must have Student Name, Reason for Absence, & Parent Signature (unless other documentation is provided—medical, court, etc.)
 - Your parent/guardian MUST call the school to report absence.
 - Any unexcused day REQUIRES a corrective attendance action plan
 - **The PV Board of Ed. Considers the following cause for an EXCUSED ABSENCE**
 - Disabling illness
 - Recovery from an accident
 - Required court attendance **with court documentation**
 - Death in the family
 - Religious observance in accordance with the New Jersey statute of designated days
 - For Lateness only - Medical or dental appointment with a physician's note turned into the office upon returning to school
 - Such good cause as is acceptable by the principal

**Even if the board considers a day "excused" - if you go over 14 days
IT IS EXCESSIVE!!!**

- **DON'T MISS MORE THAN 14 DAYS - Or you will be in review**
- **IF YOU'RE OUT - Call it in (540-6200)**
- **WHEN YOU'RE BACK - Bring a note**

If you have any questions regarding this new attendance policy please contact Mr. McFarland.

COURSE CHANGE PROCEDURE

Students are strongly encouraged to remain in the classes they originally selected. There may be times, however, when it is necessary to alter a student's schedule. This procedure shall be followed:

1. The student is responsible for contacting his/her guidance counselor to discuss and/or request course changes.
2. The student is responsible for initiating a conference with a parent/guardian and teacher. The counselor may also be included to provide student's historical information if necessary. The teacher may initiate the conference if he/she does NOT recommend a course change.
3. During the conference, parent, teacher and counselor will decide whether or not a change is warranted.
4. **The student must return completed and signed Course Change Request Form to his/her school counselor within 5 school days.**

Making course selections is an important process which must include the parent, the student and the teaching staff. It is important for students to make the best and most appropriate course selections.

Classes may only be changed during the first 5 school days of the school year. All other course change requests will be considered on a case-by-case basis following the parent or guardian/teacher conference.

No schedules will be changed during 4th marking period.

WAIVER OF PREREQUISITE REQUIREMENT

The prerequisite requirement is in place to ensure that a student is capable of the academic rigor of a class or an academic level. However, this process is not foolproof, and parents have the right to request a waiver of the prerequisite requirement if they believe their child can handle the course load. In order to be eligible for a waiver, the student must earn the following final grade average in the course of the same subject area taken the previous year:

College Preparatory (CP) course waiver: student must earn a final grade of 75% to 77% in previous CP course or an 89% to 91% in prior general course. Incoming freshmen must earn an 82% to 84% in 8th grade course.

Honors course waiver: student must earn a final grade of 82% to 84% in previous honors course or an 89% to 91% in prior CP course. Incoming freshmen must earn an 89% to 91% in 8th grade course.

Students whose grades are lower than the averages stated may not apply for a waiver.

Note: Students who wish to waive the Honors English Entrance Exam or the NJASK 8 prerequisite must meet the g.p.a. prerequisite.

The student and parent/guardian must sign the Waiver of Prerequisite Requirement form. This must be returned to the PMHS Guidance and Counseling Office and will be retained in the student's file. Please be advised that a student placed into a class by waiver will remain for the entire year and not be removed from the class for non-performance unless the teacher requests the removal following a parent/teacher conference.

The administration reserves the right to waive this policy if unforeseen circumstances prevail.

CALCULATOR NEEDS FOR HIGH SCHOOL

An investment at the start of high school is a personal calculator. Although any calculator is acceptable, it is helpful to know which calculators are used in high school so that the student can understand the teacher's directions and follow the classroom demonstrations.

* Scientific calculators: Cost is about \$15

* Graphing calculators: Cost is \$80-\$120

The graphing calculator used by our Mathematics teachers is the **TI 83 plus**. Texas Instruments also offers the **TI 84 plus**. These calculators are interchangeable and either will be accepted. The TI 84 plus offers more memory and USB capability to interface with online applications. These features, although helpful, are not a requirement for our curriculum. Only you can decide if the extra features are worth the price. Other TI calculators such as the TI 86 or the TI 89 are not interchangeable and might confuse the student.

WEIGHTED COURSES

A certain number of courses in our curriculum have been designated as weighted courses. These courses deal with the subject matter in greater depth and also to a greater extent than do comparable courses at the same grade level. These weighted courses have been designed for those students who are preparing for further study in a very competitive academic environment.

Please Note: Students in Honors and AP courses will receive an additional 3 points for Honors classes and an additional 5 points for AP classes. These points will be added into the student's final grade at the end of the school year. The practice of adding points are only for final averages of "78" or above. These additional numerical points will compensate not only for the depth of study involved, but also for the time and effort entailed.

INDEPENDENT STUDY OPPORTUNITIES

Independent study is available only to students who have been recommended by their teachers. These students must have successfully completed all courses available in a particular subject area and continue to meet their requirements towards graduation. Independent studies do not replace required courses. They are generally college preparatory in academic rigor. Although students may pursue Honors or AP coursework, no extra points will be added to the final grade.

Students must meet the following prerequisites:

1. Meet with his/her teacher to determine the nature of the study;
2. Develop course of study including objectives, evaluation procedures, and timeline;
3. Meet with department supervisor for review and approval;
4. Sign an independent study contract which includes the signatures of the following individuals: student, parent/guardian, teacher/advisor, counselor, supervisor, and principal. A copy of this contract will be kept in the student's cumulative record file.

Daily classroom attendance is expected; students are not permitted to leave the classroom without express written permission from the mentoring teacher. The student must submit a written summary report of his/her progress at the end of each marking period. Furthermore, students must submit a final written report on their project at the conclusion of their independent study. Students in independent study will receive a grade that is part of their GPA. Independent study is offered on a semester or yearly basis.

SUMMER ENRICHMENT

Summer enrichment opportunities may be pursued during the summer months. Unlike summer school for students who fail courses, summer enrichment is designed for students who wish to pursue new courses. Although no high school credit will be given, successful completion of summer enrichment will provide an opportunity for the student to move into a higher level math course upon return to school in the fall.

Summer enrichment may be accomplished in two ways. The first and most efficient is taking a course at a local community college or university. For instance, if you wish to take algebra 1 as summer enrichment in order to take geometry in the fall, first you must find the algebra 1 course at your local college. Next, the course description must be presented to the math supervisor for approval by July 15th.

Upon completion of the approved course, the student will bring his/her official college transcript to the Pennsville Memorial High School Guidance Office to show proof of credit. The name and grade of the course is put on the high school transcript, but no credit is issued at the high school. Thus, summer enrichment will not affect a student's grade point average (g.p.a) or class rank.

The second type of summer enrichment is finding an instructor, a certified math teacher is recommended, to tutor a particular math course over the summer. The student must first make his tutoring wishes known by July 15. The tutor may have access to our textbooks over the summer. Upon completion of tutoring, no sooner than August 1 of each summer, students may request a final exam in the tutored subject area. If the student passes the exam with a 78% or better (92% for honors eligibility), that student will be permitted to take the sequel math course upon return to school in the fall. The name of the course and final exam grade are entered on the transcript, but again, the g.p.a. is not affected since credits are not issued.

Our hope is to allow the students of the Pennsville School District an opportunity to take higher level course in preparation for college. The number one goal of summer enrichment is to allow students to be eligible for AP and Honors courses as a senior. Summer Enrichment is not recommended for incoming freshman.

DUAL CREDIT Student Enrollment Information

Dual Credit will allow qualified students to earn credits that can be utilized both as fulfillment of a high school elective credit **and** as fulfillment of a college degree requirement. These courses will be online courses (Distance Learning) and will only apply to specified Salem Community College courses (see page 34 for 10-11 Dual Credit Courses).

Students (and their parents) enrolled in approved Dual Credit courses must meet the following criteria:

1. All students seeking college credit must complete a Salem Community College admissions application/registration form and take the Accuplacer. A "Request for Dual Credit" form must also be completed no later than 45 calendar days after the completion of that course. Beyond that time the agreement for college credit shall be void.
 2. Students shall pay for standard tuition. Fees are waived
 3. Students will abide by the Salem Community College drop policy.
 4. Considering that different schools utilize different grading scales, the college shall transpose the numerical grade earned in the course into the college grading scale for purposes of the college transcript. Consequently, a numerical grade that transfers to a "B" on the high school transcript may appear as a "B-" or "B+" on the college transcript.
 5. Once the registration forms and payment arrangements have been completed and the student has successfully completed the course, the appropriate college credit shall be awarded and transcribed.
 6. Students may complete a *Transcript Request Form* to have their official SCC transcript sent to the college/university of their choice.
- See your school counselor for more information. (Please note that "Course Change Procedures" also apply to these type of courses.)

CAREER EDUCATION

The State of New Jersey as well as our educational leaders realize the importance of making our students aware of the career opportunities available to them.

Toward this end, the New Jersey State Department of Education has made career education one of the requirements for the State endorsed diploma.

Students will experience this aspect of the program as it is infused into the curriculum. Each course will carry a career exploration component.

TESTING PROGRAM

High School Proficiency Assessment (H.S.P.A.)
Grade 11
End of Course Biology Assessment
Grades 10 through 12
End of Course Algebra Assessment
Grades 10 through 12
P.S.A.T./N.M.S.Q.T. Preliminary Scholastic Aptitude Test/
National Merit Scholarship Qualifying Test
Grade 11
S.A.T. (Scholastic Aptitude Test) I & II (Subject Tests)
A.C.T. (American College Testing) Assessment
Advanced Placement Tests (AP)
Required with AP enrollment
Grades 11 and 12
A.S.V.A.B. (Armed Services Vocational Aptitude Battery)
Grades 10 thru 12

The testing program at Pennsville Memorial High School has been chosen to assess student progress. All tests are given at our high school. Outside registration is required for the S.A.T., A.C.T. and AP tests. Registration forms and information are available through the PMHS Guidance and Counseling Office although on-line registration is highly recommended.

SALEM COUNTY SCHOOL-TO-CAREERS INITIATIVE

The objective of the School-To-Careers Initiative is to give young people the opportunity and tools they need to make the transition from school to careers of their choice. To do this it is recognized that the student must be well educated, well trained, and highly skilled.

To help accomplish this, School-To-Careers offers juniors and seniors the opportunity to acquire college credits and to apply their academic training in the workplace.

Unless students have transferred from out-of-district and were already enrolled in a School-To-Careers or similar program, students may only enter School-To-Careers in September.

Please see your school counselor for details about the School-To-Careers opportunities.

12th GRADE PILOT PROGRAM

The 12th Grade Pilot Program is designed to allow seniors flexibility in taking college courses and/or working during the school day. Please see your counselor for details about this program.

SENIOR SCHEDULING GUIDELINES

1. Seniors may not leave until the end of 7th period.
2. No senior will have more than 2 study halls.
3. Seniors participating in athletics will stay the entire day.

FINAL EXAM EXEMPTION

Eligibility. Only seniors may exercise this option. Seniors who have earned an “A” average are eligible.

Academic Requirement. Seniors must have a 92% or better average for all school work preceding the exam period. For a semester course, it would be all semester work; for a year-long course, the student’s average would be calculated on four quarters and the mid-term exam. Students are **not** required to have an “A” average in each quarter, just an “A” average for the course.

Declaration Process. The student must declare his or her intention to seek exemption from the final exam. This would be submitted in written form to the teacher no later than mid-marking period progress report. Teachers would calculate the student’s grade by the first day of the review period and notify the student in writing, if his or her average meets the requirement, and is therefore exempt from the exam.

Attendance During Exams. Those seniors who are exempted from the exam do not report to the classroom during the exam period, but are to follow the procedures expected if a study hall was in their schedule.

Right of Refusal. Any course with a proficiency demonstration, as part of the exam cannot be exempted. Also, any teacher who determines the value of the exam warrants non-exemption status, has the prerogative to refuse exemption. The non-exemption must be consistent for all courses with the same course name and content.

**COLLEGE PREPARATORY
PROGRAM**

This sequence is meant as a guide. Exceptions may be made in each department as necessary.
Please consult your student's school counselor and the department supervisor.

GRADE 9

English 9 CP
World History CP
Algebra 1/Geometry/Algebra 2
Physical/ Earth Science CP
World Language CP
Phys. Ed. 9 (Full Year)
Elective in Music, Art or
Consumer Science
Elective in Technology Education,
Applied Technology and/or
Visual/Performing Art

GRADE 11

English 11 CP
US History II CP
Geometry/ Algebra 2/Pre-Calculus
Chemistry CP/Environ. Science CP
World Language CP
Phys. Ed. 11 (Full Year)
Elective
Elective

GRADE 10

English 10 CP
US History I CP
Geometry/Algebra 2/Pre-Calculus
Biology CP
World Language CP
Phys. Ed. 10 (1 Semester)
Health 1/Health 2/Dr. Ed.
(1 Quarter Each)
Elective
Elective

GRADE 12

English 12 CP
Pre-Calc/Calculus/AP Calc/
AP Biology/Honors or CP Physics/
Anatomy and Physiology CP/
Chemistry CP/Environ. Science CP/
Intro to Energy Science
World Language CP/Honors
Social Studies Elective
Phys. Ed. 12 (1 Semester)
Health 3 & 4 (1 Quarter Each)
Elective or 12th Grade Pilot Program
Elective or 12th Grade Pilot Program

ENGLISH/LANGUAGE ARTS PROGRAM

Core Content Curriculum Standards

STANDARD 3.1 (Reading) - All students will understand and apply the knowledge of sounds, letters, and words in written English to become independent and fluent readers, and will read a variety of materials and texts with fluency and comprehension.

STANDARD 3.2 (Writing) - All students will write in clear, concise, organized language that varies in content and form for different audiences and purposes.

STANDARD 3.3 (Speaking) - All students will speak in clear, concise, organized language that varies in content and form for different audiences and purposes.

STANDARD 3.4 (Listening) - All students will listen actively to information from a variety of sources in a variety of situations.

STANDARD 3.5 (Viewing and Media Literacy) - All students will access, view, evaluate, and respond to print, non-print, and electronic texts and resources.

Students enrolled in an English course will be required to complete a Summer Reading project. These projects are due at the beginning of each subsequent school year and will be marked as the first grade of the new school year. Upon return to school in September, each student will demonstrate his/her understanding of the Summer Reading project by means of a teacher-designed task.

PLEASE NOTE:

- **Students MUST successfully complete all four years of English / Language Arts in order to fulfill graduation requirements.**
- **All students must score proficient on the English / Language Arts portion of the HSPA test in order to fulfill graduation requirements.**

ENGLISH/LANGUAGE ARTS

Course Offerings

<u>General Courses:</u>	<u>Grade Level</u>	<u>Credits</u>
English 9	9	5
English 10	10	5
English 11	11	5
English 12	12	5
English as a Second Language (ESL)	9-12	5
<u>College Preparatory (CP):</u>	<u>Grade Level</u>	<u>Credits</u>
English 9 CP	9	5
English 10 CP	10	5
English 11 CP	11	5
English 12 CP	12	5
<u>Honors/Advanced Placement (AP):</u>	<u>Grade Level</u>	<u>Credits</u>
English 9 Honors	9	5
English 10 Honors	10	5
English 11 Honors	11	5
English 12 Honors/AP	12	5
<u>Elective Courses:</u>	<u>Grade Level</u>	<u>Credits</u>
Advanced Journalism	11-12	5
Advanced Media	11-12	5
Creative Writing	10-12	2.5
HSPA Language Arts	12	2.5
Journalism	10-12	5
Language Arts Lab	9-11	2.5
Media I	10-12	2.5
Media II	10-12	2.5
Modern American Drama	9-12	2.5
SAT Preparation	10-12	2.5
Understanding the Short Story	10-12	2.5

ENGLISH/LANGUAGE ARTS

English 9 - Grade Level: 9

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course is designed for students who are either planning to enter the work force directly upon graduation or considering a community college (2 year). Materials and skills covered in this course will prepare students for the workplace or limited higher education.

English 9 CP - Grade Level: 9

Prerequisites: a. Proficient in NJ ASK 8 Language Arts

b. A minimum final average of 85% in eighth grade English

Duration: 200 minutes/week

Credits: 5

This course is an in-depth continuation of the sequential development of the elements of the English language - reading, writing, listening, and speaking - for the college-bound student. This course also studies literature and introduces structure, techniques, and analyzes various genres.

English 9 Honors - Grade Level: 9

Weighted Course

Prerequisite: a. Proficient in NJ ASK 8 Language Arts

b. A minimum final average of 92% in eighth grade English or 85% in eighth grade English honors

c. A passing score on the Honors English Entrance Exam

Duration: 200 minutes/week

Credits: 5

This course is designed to meet the needs of exceptionally able college-bound students who are identified by very specific district-wide criteria. Students who are eligible for this course will be so informed by appropriate personnel.

English 10 - Grade Level: 10

Prerequisite: English 9

Duration: 200 minutes/week

Credits: 5

This course continues the sequential development of the elements of the English language through the exploration of major literary works from around the world. Skills, materials, and technology addressed in this course will prepare students for higher education and/or workplace training.

English 10 CP - Grade Level: 10

Prerequisites: a. A minimum final average of 78% in English 9 CP

b. A minimum final average of 92% in English 9

Duration: 200 minutes/week

Credits: 5

This course continues the sequential development of the elements of the English language through in-depth study of major literary works from around the world. Skills, materials, and technology addressed in this course will prepare students for success in a university.

English 10 Honors - Grade Level: 10

Weighted Course

Prerequisite: a. A minimum final average of 85% in English 9 Honors

b. A minimum final average of 92% in English 9 CP and passing grade on qualifying exam

Duration: 200 minutes/week

Credits: 5

This course is designed to meet the needs of exceptionally able college-bound students who are identified by very specific district-wide criteria. Students who are eligible for this course will be so informed by appropriate personnel.

ENGLISH/LANGUAGE ARTS

English 11 - Grade Level: 11

Prerequisite: English 10

Duration: 200 minutes/week

Credits: 5

This course continues the sequential development of the elements of the English language through the exploration of major American literary works from the pre-Colonial period up into the works of modern writers. Skills, materials and technology addressed in this course will prepare students for higher education and/or workplace training, as well as the NJ HSPA.

English 11 CP - Grade Level: 11

Prerequisites: a. A minimum final average of 78% in English 10 CP

b. A minimum final average of 92% in English 10

Duration: 200 minutes/week

Credits: 5

This course continues the sequential development of the elements of the English language through in-depth study of major American literary works from the pre-Colonial period up into the works of modern writers. Skills, materials and technology addressed in this course will prepare students for success in a 4 year college/university, as well as SAT/ACT preparation.

English 11 Honors - Grade Level: 11

Weighted Course

Prerequisite: a. A minimum final average of 85% in English 10 Honors

b. A minimum final average of 92% in English 10 CP
and passing grade on qualifying exam

Duration: 200 minutes/week

Credits: 5

This course is designed to meet the needs of exceptionally able college-bound students who are identified by very specific district-wide criteria. Students who are eligible for this course will be so informed by appropriate personnel.

English 12 - Grade Level: 12

Prerequisite: English 11

Duration: 200 minutes/week

Credits: 5

This survey of British Lit. course is designed for students who are either planning to enter the work force directly upon graduation or considering a community college (2 year). Materials and skills covered in this course will prepare students for modes of writing beyond high school.

English 12 CP - Grade Level: 12

Prerequisite: a. Proficient on HSPA Language Arts

b. A minimum final average of 78% in English 11 CP

c. A minimum final average of 92% in English 11

Duration: 200 minutes/week

Credits: 5

An in-depth study of British literature and a research paper are major components of this course. Emphasis is also placed on mastering skills necessary for success in a university, as well as SAT/ACT preparation.

ENGLISH/LANGUAGE ARTS

English 12 Honors/AP - Grade Level: 12 Weighted Course
Prerequisite: a. A minimum final average of 85% in English 11 Honors
b. A minimum final average of 92% in English 11 CP
and passing grade on qualifying exam
Duration: 200 minutes/week Credits: 5

This course is designed to meet the needs of exceptionally able students who are identified by very specific district-wide criteria. Students who are eligible for this course will be so informed by appropriate personnel. The course involves in-depth study of literature, primarily but not exclusively British literature, as preparation for college and for the AP exam. **Students will be required to sit for the AP exam at the end of the year.**

English as a Second Language (ESL) - Grade Level 9-12
Prerequisite: Student with limited English ability
Duration: 200 minutes/week Credits: 5
English as a Second Language (ESL) at the high school level is a credit course for students whose first or native language is a language other than English. Activities are designed to develop the four skill areas of listening, speaking, reading and writing in English. State approved standardized assessment is administered prior to enrollment to determine eligibility for this program and ability level.

Electives

Modern American Drama - Grade Level: 9– 12 Credits: 2.5
Prerequisite: none
Duration: 200 minutes/week (1 semester)

Modern American Drama is a course designed for students interested in studying the themes of American ideals associated with plays written in the last and present century. Students will read, discuss, and appraise plays written by playwrights including O'Neill, Hansberry, Williams, and Simon. Students will view various performances and evaluate the impact and relevance of each actor's portrayal. This course is a reading-intensive class rooted in analysis and discussion. This class is ideal for students planning to major or interested in English and/or Dramatic Arts.

SAT Preparation - Grade Level: 10-12*
Prerequisite: Current enrollment in both CP English and Geometry,
Algebra 2, Pre-Calculus, or Calculus
Duration: 200 minutes/week (1 semester) Credits: 2.5

This course is intended to provide students with the opportunity to develop test taking strategies as well as review subject matter. Computer software will be utilized to reinforce concepts. Students should note that this course does not satisfy graduation requirements in either the English or Mathematics areas.

*Seniors should only take this course during 1st semester.

ENGLISH/LANGUAGE ARTS

Media I - Grade Level 10-12

Prerequisite: None

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This course is designed to make students more critical consumers of information while learning the basics of television and video production. Students will be involved with disseminating school wide communication as well as responsible for the production of the *Morning Minute*, a daily news show.

Media II - Grade Level 10-12

Prerequisite: Mass Media I

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This course is limited to students who have taken Multi Media I and who have been selected by the teacher to work on an independent media project.

Advanced Media - Grade Level 11-12

Prerequisite: Successful completion of Mass Media I & II
and Teacher Recommendation

Duration: 200 minutes/week

Credits: 5

This course is limited to students who have taken Multi Media I and II and who are recommended by the teacher. Advanced Media will continue to develop skills in the use of informational technology, produce video projects as well as critical thinking skills.

Journalism - Grade Level: 10-12

Prerequisite: English 9

Duration: 200 minutes/week

Credits: 5

Journalism is designed for 10th, 11th, and 12th grade students interested in developing their writing skills for possible careers in journalism, public relations, advertising, and other communication fields. Students will investigate news stories, conduct interviews, and write news articles for a real audience. They will gain hands-on experience, such as editing and design, and producing a monthly school newspaper.

Advanced Journalism - Grade Level: 11-12

Prerequisite: a. Journalism

b. Teacher Recommendation

Duration: 200 minutes/week

Credits: 5

Advanced Journalism is for 11th and 12th grade students who have been selected to be the editors of the school newspaper. They will gain hands-on experience, such as editing and design, producing a monthly school newspaper. Students will investigate news stories, conduct interviews, and write news articles for a real audience. They will develop their writing skills for possible careers in journalism, public relations, advertising, and other communication fields.

ENGLISH/LANGUAGE ARTS

Creative Writing—Grade Level: 10-12

Prerequisite: College Prep/Honors course of study

Duration: 200 minutes/week (1 semester)

Credits: 2.5

Creative Writing is designed for 10th, 11th, and 12th grade CP and Honors students who wish to enhance their creative writing skills. The course is devoted to writing creatively in such genres as short story, biography/autobiography, one-act and screen plays, poetry, children's stories, and song lyrics. In addition students explore techniques to create a more innovative writing style. Students will also be exposed to other forms of creativity in the areas of art, drama, and music. Students entering this course should have an interest to write creatively.

Understanding the Short Story - Grade Level: 10-12

Prerequisite: English 9

Duration: 200 minutes/week (1 semester)

Credits: 2.5

Because the short story is different from other types of literature, Understanding the Short Story is designed for 10th, 11th and 12th grade students who are interested in exploring the elements that make up a short story. After exploring these elements, the students will better understand how a story is put together. Students entering this course should have a keen interest in reading, analyzing, and possibly writing short stories.

Language Arts Lab - Grade Level: 9-11

Prerequisite: Partially proficient score (below 200) on the Language Arts Literacy section of the GEPA, NJASK 8 or HSPA

Duration: 200 minutes/week (1semester)

Credits: 2.5

Note: This lab does not take the place of a required English course; therefore, students must be concurrently enrolled in another language arts course.

The Language Arts Lab is required of all students who score partially proficient (below 200) on the GEPA, NJASK 8 or the High School Proficiency Assessment Language Arts Literacy section. The components of this class are designed to improve the students' language arts literacy skills, thereby allowing the students to be successful on the HSPA. **This course will be automatically assigned by the guidance department.**

HSPA Language Arts- Grade Level: 12

Prerequisite: Partially proficient Language Arts score on the HSPA or seniors with no HSPA score

Duration: 200 minutes/week (1semester)

Credits: 2.5

The HSPA Language Arts class is required of all students who score partially proficient (below 200) on the High School Proficiency Assessment Language Arts Literacy section. The components of this class are designed to improve the students' language arts literacy skills, thereby allowing the students to be successful on the HSPA. **This course will be automatically assigned by the guidance department.**

SOCIAL STUDIES PROGRAM

Core Curriculum Content Standards

Standard 6.1 U.S. History: America in the World. All students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities.

Standard 6.2 World History/Global Studies. All students will acquire the knowledge and skills to think analytically and systematically about how past interactions of people, cultures, and the environment affect issues across time and cultures. Such knowledge and skills enable students to make informed decisions as socially and ethically responsible world citizens in the 21st century.

Standard 6.3 Active Citizenship in the 21st Century. All students will acquire the skills needed to be active, informed citizens who value diversity and promote cultural understanding by working collaboratively to address challenges that are inherent in living in an interconnected world.

PLEASE NOTE:

- **Students MUST successfully complete three years of Social Studies in order to fulfill graduation requirements.**

SOCIAL STUDIES PROGRAM
Course Offerings

<u>General Courses:</u>	<u>Grade Level</u>	<u>Credits</u>
World History	9	5
US History I	10	5
US History II	11	5
<u>College Preparatory (CP):</u>	<u>Grade Level</u>	<u>Credits</u>
World History CP	9	5
US History I CP	10	5
US History II CP	11	5
<u>Honors:</u>	<u>Grade Level</u>	<u>Credits</u>
World History Honors	9	5
US History I Honors	10	5
US History II Honors	11	5
<u>Elective Courses:</u>	<u>Grade Level</u>	<u>Credits</u>
American Economic System	11-12	2.5
Anthropology	10-12	2.5
Contemporary American Issues	11-12	2.5
Introduction to Sociology	11-12	2.5
New Jersey History	9-12	2.5
Social Humanities	11-12	2.5
U.S. Geography	11-12	2.5
U.S. Law	11-12	2.5

SOCIAL STUDIES PROGRAM

World History - Grade Level: 9

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

World History explores historical lessons and trends from the Renaissance to the present. Emphasis will be placed on the social political and economical developments that led us to our present situation.

World History CP - Grade Level: 9

Prerequisite: a) Proficient in NJ ASK 8 Language Arts

b) A minimum final average of 85% in eighth grade social studies and English

Duration: 200 minutes/week

Credits: 5

World History CP is an in-depth study of historical lessons and trends from the Renaissance to the present. Emphasis will be placed on the social political and economical developments that led us to our present situation.

World History Honors - Grade Level: 9

Weighted Course

Prerequisite: a) Proficient in NJ ASK 8 Language Arts;

b) A minimum final average of 92% in eighth grade social studies and English or 85% in in eighth grade English Honors;

c) Co-Requisite—Honors English 9 (See page 15)

Duration: 200 minutes/week

Credits: 5

Honors World History/Cultures is an advanced course covering the expanse of time from prehistory through the modern era for students reading above grade level who demonstrate the maturity and intellectual curiosity to study the material via primary source documents and scholarly texts. A combination of exercises and student independent projects will provide additional hands-on experience in the classroom. The emphasis of the course is on the development of critical thinking skills and superior academic skills required for advanced study. Students will have daily homework assignments and a larger number of independent readings/writings to supplement the course. A major research paper is required for completion of the course.

US History I- Grade Level: 10

Prerequisite: World History

Duration: 200 minutes/week

Credits: 5

Survey United States History I includes a review of the time period ranging from the "Roots of the American Colonies" up to the Constitution, and continues with in depth study through the Development of the West to Reconstruction. Since this is a survey level course, the emphasis of instruction will be on the basics of education, namely, reading and writing. Interaction among students will be encouraged since this will enhance the student's development. Current events will be used throughout the year.

SOCIAL STUDIES PROGRAM

US History I CP - Grade Level: 10

- Prerequisite: a. A minimum final average of 78% in World History CP
b. A minimum final average of 92% in World History

Duration: 200 minutes/week

Credits: 5

The course begins with a review of Colonization of North America up to the Constitution and then in depth study from the Constitution to Reconstruction. An overt effort will be made to relate America's past to contemporary America and its problems. Emphasis will be placed on the active involvement of each student in the learning process through the use of a variety of appropriate techniques and materials. Students will be challenged through reading, researching, thinking, public speaking and writing skills. Rather than simply demanding content mastery of U.S. History I subject matter, this course stresses the development and use of application, analysis, synthesis, and evaluation skills.

US History I Honors – Grades 10-11

Weighted Course

- Prerequisite: a. A minimum final average of 85% in World History Honors
b. A minimum final average of 92% in World History CP

Duration: 200 minutes/week

Credits: 5

Honors US History I is an advanced course covering the expanse of time from the colonization of North America up to the Constitution, an in depth study from the Constitution to Reconstruction. The course is designed for those students whose reading is above grade level and who demonstrate the maturity and intellectual curiosity to study the material via primary source documents and scholarly texts. A combination of exercises and student independent projects will provide additional hands-on experience in and beyond the classroom. The emphasis of the course is on the development of critical thinking skills and superior academic skills required for advanced study. Students will have daily homework assignments and a larger number of independent readings/writings to supplement the course.

US History II – Grades 11-12

Prerequisite: US History I

Duration: 200 minutes/week

Credits: 5

Survey United States History II includes a review of the time period ranging from the Industrial Revolution of the 1900s up through the 20th century and current events. Since this is a survey course, the emphasis on instruction will be on the basics of education, namely, reading and writing. Interaction among the students will be encouraged since this will enhance the student's development. Current events will be used throughout the year.

US History II CP – Grades 11-12

Prerequisite: a. A minimum final average of 78% in US History I CP

b. A minimum final average of 92% in US History I

Duration: 200 minutes/week

Credits: 5

US History II CP begins with the study of the Industrial Revolution of the 1900s to the 20th century and current events. An overt effort will be made to relate

SOCIAL STUDIES PROGRAM

America's past to cotemporary America. Emphasis will be placed on the active involvement of each learning process through the use of a variety of appropriate techniques and materials. Students will be challenged through reading, researching, thinking, public speaking, and writing skills. Rather than simply demanding content mastery of US History II subject matter, this course stresses the development and use of application, analysis, synthesis, and evaluation skills.

US History II Honors – Grades 11-12 Weighted Course

Prerequisite: a. A minimum final average of 85% in
US History I Honors
b. A minimum final average of 92% in
US History I CP

Duration: 200 minutes/week Credits: 5

Honors US History II is an advanced course covering the expanse of time from the Industrial Revolution of the 1900s to the 20th century and current events. The course is designed for those students whose reading is above grade level and who demonstrate the maturity and intellectual curiosity to study the material via primary source documents and scholarly texts. A combination of exercises and student independent projects will provide additional hands-on experience in and beyond the classroom. The emphasis of the course is on the development of critical thinking skills and superior academic skills required for advanced study. Students will have daily homework assignments and a larger number of independent readings/writings to supplement the course.

Electives

These elective offerings are dependent upon enrollment and budgetary constraints.

American Economic System - Grade Level: 11-12

Prerequisite: A minimum final average of 78%
in preceding history course

Duration: 200 minutes/week (1 semester) Credits: 2.5

This course is the study of macro economics, micro economics, international economics and the fundamentals of economics. The course features the concepts of supply and demand, markets and prices, inflation and deflation, income distribution, scarcity and choice and employment.

Anthropology - Grade Level: 10-12

Prerequisite: A minimum final average of 78% in
preceding history course

Duration: 200 minutes/week (1 semester) Credits: 2.

This program is designed to increase a student's awareness of humankind's ability to adapt to varying physical environments. Anthropology studies the similarities in human behavior throughout all societies and the means developed to meet common needs.

SOCIAL STUDIES PROGRAM

Contemporary American Issues - Grade Level 11-12

Prerequisite: A minimum final average of 78% in preceding history course

Duration: 200 minutes/week (1 semester) Credits: 2.5

This course is designed to analyze and investigate the issues that face contemporary America. There will be a constant updating of political and world leaders, social problems, foreign relations, and cultural problems and their respective impacts on our country. Students will be expected to maintain a daily awareness of current events as they relate to all of the above areas.

Introduction to Sociology - Grade Level: 11-12

Prerequisite: A minimum final average of 78% in preceding history course

Duration: 200 minutes/week (1 semester) Credits: 2.5

A high school sociology course can be beneficial to students and indirectly to society as a whole. The students will be concerned about human relationships and the problems of society while studying such areas as social class, minority/majority relations, the family, and American culture.

New Jersey History - Grade Level: 9-12

Prerequisite: A minimum final average of 78 in Preceding history course

Duration: 200 minutes/week (1 semester) Credits: 2.5

This one semester elective course is designed for students of all grades who have an interest in New Jersey History. This course will encompass economic, social and political history of New Jersey. Students will also be expected to apply their geographical skills to examine how New Jersey's physical land and water forms have shaped our economic and social development.

Social Humanities - Grade Level: 11-12

Prerequisite: A minimum final average of 78% in preceding history course

Duration: 200 minutes/week (1 semester) Credits: 2.5

Social Humanities is an interesting and thought-provoking program that studies human growth and development. It provides an excellent opportunity for students to gain insight into their own growth. The various types of behavior and the influences that affect behavior will be the focal point of this program of study.

U.S. Law - Grade Level: 11-12

Prerequisite: A minimum final average of 78% in preceding history course

Duration: 200 minutes/week (1 semester) Credits: 2.5

A law-focused educational program emphasizing our legal system and its operations. The types of crime and judicial procedures are incorporated in the course of study.

SOCIAL STUDIES PROGRAM

U.S. Geography - Grade Level: 11-12

Prerequisite: A minimum final average of 78% in
preceding history course

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This one semester elective is designed for juniors and seniors who have an interest in examining how physical land forms interacts with the environment and the effects these interactions have on the U.S. economy.

SCIENCE PROGRAM

Core Curriculum Contents Standards

5.1 Science Practices: All students will understand that science is both a body of knowledge and an evidence-based, model-building enterprise that continually extends, refines, and revises knowledge. The four Science Practices strands encompass the knowledge and reasoning skills that students must acquire to be proficient in science.

5.2 Physical Science: All students will understand that physical science principles, including fundamental ideas about matter, energy, and motion, are powerful conceptual tools for making sense of phenomena in physical, living, and Earth systems science.

5.3 Life Science: All students will understand that life science principles are powerful conceptual tools for making sense of the complexity, diversity, and interconnectedness of life on Earth. Order in natural systems arises in accordance with rules that govern the physical world, and the order of natural systems can be modeled and predicted through the use of mathematics.

5.4 Earth Systems Science: All students will understand that Earth operates as a set of complex, dynamic, and interconnected systems, and is a part of the all-encompassing system of the universe.

PLEASE NOTE:

- **Students MUST successfully complete three years of Science in order to fulfill graduation requirements; however, four years are strongly recommended.**
- **All students completing a first time biology course must score proficient on the New Jersey End of Course Biology Assessment.**

SCIENCE PROGRAM

The Science department of PMHS provides a curriculum which meets the needs of our high school students. Two levels of work have been designed. The General, or Basic courses, provide the experiences necessary to function in the technological environment of the 21st century. The College Prep and Honors courses focus on theories and the required skills to be successful in college. The Application of scientific principles is stressed in both areas. Those students who are starting their high school career should note that their choice allows change as interests grow and change. Any member of the department will be glad to discuss programs and course selections with students and parents.

Course Offerings

<u>General Courses:</u>	<u>Grade Level</u>	<u>Credits</u>
Physical/Earth Science	9	5
Biology	10	5
Chemistry	11-12	5
Environmental Science	11-12	5
<u>College Preparatory (CP):</u>	<u>Grade Level</u>	<u>Credits</u>
Physical/Earth Science CP	9	5
Biology CP	10-12	5
Chemistry CP	11-12	5
Environmental Science CP	11-12	5
Physics CP	12	5
<u>Honors/Advanced Placement (AP):</u>	<u>Grade Level</u>	<u>Credits</u>
Physical/Earth Science Honors	9	5
Biology Honors	10-12	5
Chemistry Honors	11-12	5
Physics Honors	12	5
AP Biology	11-12	5
<u>Elective Courses:</u>	<u>Grade Level</u>	<u>Credits</u>
Anatomy & Physiology CP	12	5
Independent Study	11-12	2.5 or 5
Intro to Energy Science	11-12	5

It is strongly recommended that a college preparatory student take all CP and/or honors science courses.

DUAL CREDIT COURSES

Availability of courses is subject to change based on Salem Community College course enrollment.

<u>Course</u>	<u>Grade Level</u>	<u>SCC Credits</u>	<u>PMHS Credits</u>
BIO 220 Anatomy & Physiology I	11-12	4	2.5
BIO 130 Crime Scene Investigation	11-12	3	2.5
BIO 110 Human Biology	11-12	3	2.5
HLH 168 Nutrition	11-12	3	2.5
HLH 211 Medical Terminology	11-12	3	2.5

* See page 9 for Dual Credit Student Enrollment Information.

SCIENCE PROGRAM

Physical/Earth Science - Grade Level: 9

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course required by first year high school students. This laboratory-oriented course places a major emphasis on Physics, Chemistry and Earth Science concepts. Students will need this background in order to succeed on the New Jersey High School Proficiency Assessment. Students are expected to demonstrate their understanding of the course objectives through analyzing, applying, evaluating, and synthesizing data. Students will be expected to read required course material, take notes, and participate in classroom discussions. Students will also acquire sound laboratory and organizational skills. All of these skills will serve as a strong foundation for future Science courses.

Physical/Earth Science CP - Grade Level: 9

Prerequisite: a. Proficient in NJ ASK 8 Science

b. A minimum final average of 85% in eighth grade science

c. Algebra 1 or a minimum grade of 85% in

Connected Math 8 or Connected Math 8 Advanced

Duration: 200 minutes/week

Credits: 5

Those students who meet the prerequisites may opt for this course as their required first year Science course. This course will develop the major concepts of Physics, Chemistry and Earth Science concepts through experimentation, discovery, and application. The content of the course will consist of scientific measurement and procedure; force, work and motion; heat, waves, light, and sound; electrical and nuclear energy; properties, patterns, and changes in matter; and earth science concepts. CP Physical Science is recommended for students planning to further their education beyond high school. It will serve to strengthen their academic base needed for other advanced Science courses such as CP Biology, CP Chemistry, CP Physics, AP Biology.

Physical/Earth Science Honors - Grade Level: 9 Weighted Course

Prerequisite: a. Proficient in NJ ASK 8 Science

b. A minimum grade of 92% in eighth grade science

c. Algebra 1 or a minimum grade of 92% in

Discovering Algebra

Duration: 200 minutes/week

Credits: 5

Those students who meet the prerequisites may opt for this course as their required first year Science course. This course will develop the major concepts of Physics, Chemistry and Earth Science concepts through experimentation, discovery, and application. The content of the course will consist of scientific measurement and procedure; force, work and motion; heat, waves, light, and sound; electrical and nuclear energy; properties, patterns, and changes in matter; and earth science concepts. Honors Physical Science is recommended for students planning to further their education beyond high school. It will serve to strengthen their academic base needed for other advanced Science courses such as Honors Biology, Honors Chemistry, Honors Physics, AP Biology.

SCIENCE PROGRAM

Biology - Grade Level: 10-12

Prerequisite: Physical/Earth Science

Duration: 200 minutes

Credits: 5

General Biology is one of three science courses that students are required to take. General Biology is designed for those students who are planning to enter a two-year college program, technical school or employment after high school. The course will be divided into several units, including but not limited to variety of life forms, body systems, reproduction and development, and relationships in the environment. Throughout the course, emphasis will be placed on the importance of Biology as it relates to real world experiences.

Biology CP - Grade Level: 10-12

Prerequisite: a. A minimum final average of 78% in preceding CP science

b. A minimum final average of 92% in preceding general science

Duration: 200 minutes

Credits: 5

This course is recommended for students planning to further their education beyond high school. CP Biology covers topics such as molecular and cellular biology, plant diversification, animal structure and function, photosynthesis and respiration, plant and animal classification, and applied genetics. Students will be required to perform, observe, and collect data and answer questions regarding investigations. Dissection is involved. Students who do not wish to perform a dissection may participate by alternate means. Students who are most successful in this course are above average readers and are willing to spend time each night working on their assignments.

Biology Honors - Grade Level: 10-12

Weighted Course

Prerequisite: a. A minimum final average of 85% in preceding Honors science

b. A minimum final average of 92% in preceding CP science

Duration: 200 minutes

Credits: 5

This accelerated course is designed for those highly self-motivated, science-oriented students who are considering a major in the sciences in college. The students in this course will be expected to demonstrate seriousness of purpose and a desire to put forth an extra effort. There will be a strong emphasis on cellular biology and biochemistry. The more traditional topics of genetics, taxonomy, phylogenetic progression, anatomy and physiology, botany, and environmental issues will also be an important and vital part of this course. Dissection is involved. Students who do not wish to perform a dissection may participate by alternate means. Students are required to read informational materials and have good study skills.

SCIENCE PROGRAM

Chemistry - Grade Level: 11-12

Prerequisite: Biology

Duration: 200 minutes/week

Credits: 5

This course examines the composition of various substances and the changes they can go through. It also shows how chemistry touches our lives almost everywhere and everyday, in medicine, the clothes we wear, the games we play, as well as the industries that make the things we use. The periodic table and simple compounds are covered as well as the basics of Chemistry.

Chemistry CP - Grade Level: 11-12

Prerequisite: a) Algebra I

b) A minimum final average of 78% in CP Biology or Environmental Science CP

Duration: 200 minutes/week

Credits: 5

This course studies inorganic chemistry, the science of non-living matter. It emphasizes critical thinking, quantitative relationships and practical application of chemistry.

Chemistry Honors - Grade Level: 11-12

Weighted Course

Prerequisites: a) A minimum final average of 85% in Biology Honors

b) A minimum final average of 92% in Biology CP or Environmental Science CP

c) A minimum final average of 92% in Algebra I or 2

Duration: 200 minutes/week

Credits: 5

This is the equivalent of a college level chemistry course. Emphasis is placed on thorough understanding of chemical fundamentals, as well as more advanced quantitative and qualitative analysis.

Environmental Science (General) - Grade Level: 11-12

Prerequisites: a) Physical/Earth Science and Biology

Duration: 200 minutes/week

Credits: 5

Environmental Science is a laboratory course. Three laboratory courses (15 credits) are required for graduation. This course explores the multidisciplinary science of the environment. We focus on important current issues such as human population dynamics, global climate change, air and water pollution, hazardous and solid waste, along with renewable energy resources. Other topics include the over harvesting of dynamic biological resources, biodiversity, soil management, deforestation, and endangered species.

A hands-on laboratory requirement is a core part of the course.

Environmental Science CP - Grade Level: 11-12

Prerequisites: a) A minimum final average of 92% in Biology

b) A minimum final average of 78% in Biology CP or Chemistry CP

Duration: 200 minutes/week

Credits: 5

Environmental Science is a laboratory course. Three laboratory courses (15 credits) are required for graduation. This course is an in-depth study of the multidisciplinary science of the environment. We focus on important current issues such as human population dynamics, global climate change, air and water pollution, hazardous and solid waste, along with traditional and alternative energy resources. Other topics include the over harvesting of dynamic biological resources, biodiversity, soil management, deforestation, and endangered species.

An extensive hands-on laboratory requirement is a core part of the course.

SCIENCE PROGRAM

AP Biology - Grade Level: 11-12 Weighted Course
Prerequisite: a. A minimum final average of 85% in preceding Honors science
b. A minimum final average of 92% in preceding CP science
c. Teacher recommendation

Duration: 200 minutes/week Credits: 5
This course is designed for the individual whose intentions are to pursue a science related major in college. The AP level explores the finer details of biological processes and requires a highly motivated student. The student will be required to recall many of the principles acquire in biology and chemistry. Topics to be covered include molecules and cells, energy and metabolism, heredity and evolution, organisms and populations, ecology, and a comparative invertebrate study. The successful completion and comprehension of these topics will prepare the student for the Advanced Placement National exam. **(Note: Students are responsible for completing summer work prior to the first day of class. Students will be required to sit for the AP exam at the end of the year.)**

Physics CP - Grade Level: 12
Prerequisites: A minimum final average of 78% in CP Chemistry and Algebra 1
Duration: 200 minutes/week Credits: 5
Physics concerns the principles and laws of natural events. Topics studied include the following: heat, magnetism, astronomy, electricity, color, sound, radio, and mechanics. The laboratory experience is an important part of this analysis.

Physics Honors - Grade Level: 12 Weighted Course
Prerequisites: a) A minimum final average of 85% in Chemistry Honors;
b) A minimum final average of 92% in Chemistry CP and Algebra 2
Duration: 200 minutes/week Credits: 5
This course consists of advanced studies in the physical laws. Emphasis is placed on quantitative relationships in nature. Honors Physics will be taught in conjunction with and incorporate the AP Calculus course. It is highly recommended for a student who intends to pursue a science career.

Electives

Anatomy and Physiology CP - Grade Level: 12
Prerequisites: Biology CP and Chemistry CP
Duration: 200 minutes/week Credits: 5
This course is a combination of lecture and laboratory designed for students interested in the allied health fields. The lecture topics covered are anatomical medical terminology, cell structure, tissues, the skin, skeletal system, muscular system and nervous system. The laboratory topics include cells, tissues and an examination of the anatomy and physiology of the integument skeletal, muscular and nervous systems. Both gross and microscopic work is emphasized.

SCIENCE PROGRAM

Intro to Energy Science - Grade Level: 11-12

Prerequisites: Physical/Earth Science and Biology

Duration: 200 minutes/week

Credits: 5

This class is intended to provide an interdisciplinary understanding of arguably the most important topic of our lifetime "energy". This topic defines who we are (energy wise) as individuals, as Americans, and as global citizens. The class is comprised of the recent history of energy (political, economic, and social) and how the history of energy affected the current and future trends. The class further explores the basic scientific principles of energy further dividing them into four main subcategories: mechanical, thermal, fluid, and electrical. Current energy technology and developing/alternative energy sources will be explored. The course concludes with energy conservation, focusing on personal and global energy practices, environmental issues, governing policies, green technologies, and future energy trends. Careers in energy science are embedded in the structure of the course.

Independent Study - Grade Level: 11-12

Prerequisite: a. Biology CP and Chemistry CP

b. Teacher recommendation

Duration: 200 minutes/week (1 semester or full year) Credits: 2.5

or 5

An independent study is only available to students who have met the criteria on page 6. Students who wish to pursue an independent study of science must participate in the Salem County Science Fair and/or Science Olympiad.

DUAL CREDIT COURSES

Availability of courses is subject to change based on Salem Community College course enrollment.

Anatomy and Physiology I - Grade Level: 11-12

Prerequisite: a. Algebra 1

b. A minimum final average of 85% in Biology CP

c. CP Chemistry (may be enrolled simultaneously)

d. Enrollment at SCC (see page 9)

Duration: 200 minutes/week (1 semester)

Credits: 2.5

Anatomy and Physiology I is the first course of the Anatomy and Physiology sequence. With a focus on major biological theories, topics include body organization, chemistry of life and cellular functioning. Gross and microscopic anatomy and physiology of the integumentary, skeletal, muscular and nervous system are discussed. Course is conducted on line with an on-site lab at SCC.

Crime Scene Investigation - Grade Level: 11-12

Prerequisite: a. Algebra 1

b. CP Biology

c. CP Chemistry (may be enrolled simultaneously)

d. Enrollment at SCC (see page 9)

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This course introduces students to crime scene investigation both in the theoretical and in laboratory methods. Crime scene investigation focuses on learning the techniques for the scientific examination of physical evidence such as fibers, glass, hair, soil, bullets, fingerprints and shoeprints. Students review the theoretical bases of methods of comparison and their influence on scientific interpretation.

SCIENCE PROGRAM

Human Biology - Grade Level: 11-12

Prerequisite: Enrollment at SCC (see page 9)

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This course is a one-semester course covering the basic concepts of human anatomy and physiology. The course covers aspects of all the major body systems. Course is conducted on line with an on-site lab at SCC.

Nutrition - Grade Level: 11-12

Prerequisite: Enrollment at SCC (see page 9)

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This course teaches fundamentals of nutrition and health maintenance through good nutrition and diet. Lecture, discussion, videos and small-group exercises are used to assist the students in mastering the course objectives.

Medical Terminology - Grade Level: 11-12

Prerequisite: Enrollment at SCC (see page 9)

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This course introduces terminology of the human skeletal, muscular, integumentary and cardiovascular systems. The meaning, spelling and pronunciation of medical and nursing terms are studied with reference to health and disease. Course is conducted on line.

MATHEMATICS PROGRAM
Core Curriculum Content Standards

STANDARD 4.1 (Number and numerical operations) - All students will develop number sense and will perform standard numerical operations and estimations on all types of numbers in a variety of ways.

STANDARD 4.2 (Geometry and measurement) - All students will develop spatial sense and the ability to use geometric properties, relationships and measurement to model, describe and analyze phenomena.

STANDARD 4.3 (Patterns and algebra) - All students will represent and analyze relationships among variable quantities and solve problems involving patterns, functions, and algebraic concepts and processes.

STANDARD 4.4 (Data analysis, probability and discrete mathematics) - All students will develop and understanding of the concepts and techniques of data analysis, probability, and discrete mathematics, and will use them to model situations, solve problems, and analyze and draw appropriate inferences from data.

STANDARD 4.5 (Mathematical processes) - All students will use mathematical processes of problem solving, communication, connections, reasoning, representations, and technology to solve problems and communicate mathematical ideas.

PLEASE NOTE:

- **Students MUST successfully complete three years of Mathematics in order to fulfill graduation requirements, however, 4 years are strongly recommended.**
- **All students must score proficient on Mathematics portion of the HSPA test in order to fulfill graduation requirements.**
- **All students must participate in End of Course mathematics testing.**

<u>General Courses:</u>	<u>Course Offerings</u>	<u>Credits</u>
	<u>Grade Level</u>	
Interactive Algebra 1A	9	5
Interactive Algebra 1B	10	5
Interactive Geometry	11-12	5

<u>College Preparatory (CP):</u>	<u>Grade Level</u>	<u>Credits</u>
Algebra 1	9-12	5
Geometry	9-12	5
Algebra 2	9-12	5
Pre-Calculus	11-12	5
Calculus	12	5

<u>Honors and Advanced Placement Courses :</u>	<u>Grade Level</u>	<u>Credits</u>
Geometry Honors	9-12	5
Algebra 2 Honors	9-12	5
Pre-Calculus Honors	11-12	5
AP Calculus	12	5

<u>Elective Courses:</u>	<u>Grade Level</u>	<u>Credits</u>
Consumer Math	11-12	5
HSPA Math	12	2.5
Logic, Prob. & Statistics	11-12	5
Math Lab	9-12	2.5
SAT Prep	10-12	2.5

MATHEMATICS PROGRAM

Calculator Needs for High School

An investment at the start of high school is a personal calculator. Although any calculator is acceptable, it is helpful to know which calculators are used in high school so that the student can understand the teacher's directions and follow the classroom demonstrations.

* Scientific calculators: Cost is about \$15

* Graphing calculators: Cost is \$80-\$120

The graphing calculator used by our Mathematics teachers is the **TI 83 plus**. Texas Instruments also offers the **TI 84 plus**. These calculators are interchangeable and either will be accepted. The TI 84 plus offers more memory and USB capability to interface with online applications. These features, although helpful, are not a requirement for our curriculum. Only you can decide if the extra features are worth the price. Other TI calculators such as the TI 86 or the TI 89 are not interchangeable and might confuse the student.

Interactive Algebra 1A - Grade Level: 9

Prerequisite: None

Duration: 200 Minutes/week

Credits: 5

This is the first course in a two year sequence dealing with the fundamentals of algebra. It is designed for those who need reinforcement of math operations and numbers properties. Topics included are: operations with whole numbers, fractions, decimals, and percents; integers; variables; solving equations; exponents and models.

Algebra 1 - Grade Level: 9-12

Prerequisite: a. Proficient in NJ ASK 8 Math

b. A minimum final average of 85% in eighth grade

math

Duration: 200 minutes/week

Credits: 5

This course serves as the basic introduction to all later studies of more advanced mathematics. A satisfactory background in previous mathematics courses must be presented by those students electing this course.

Interactive Algebra 1B - Grade Level: 10

Prerequisite: Interactive Algebra 1A, Discovering Algebra, Discovering Geometry or Algebra I

Duration: 200 Minutes/week

Credits: 5

This is the second course in a two year sequence dealing with the fundamentals of algebra. Topics included are: functions, transformations, quadratic models, and probability.

Interactive Geometry - Grade Level: 11-12

Prerequisite: Interactive Algebra 1A & 1B

Duration: 200 Minutes/week

Credits: 5

This course will guide students through theorems and definitions by performing constructions, measuring figures, relating patterns and properties and discussing their findings. Investigations will guide student to formulate geometric conjectures and apply to real world applications. This course will focus on critical problem solving skills to help students become self-motivated, independent thinkers.

MATHEMATICS PROGRAM

Geometry - Grade Level: 9-12

Prerequisite: a. A minimum final average of 78% in preceding Algebra class.

Duration: 200 minutes/week

Credits: 5

Geometry includes those topics usually found in the area of plane, solid and analytic geometry. It stresses the nature of proof and logical reasoning. A student must present at least a 78% in Algebra 1 or Algebra 2 before considering this course.

Geometry Honors - Grade Level: 9-12

Weighted Course

Prerequisite: a. A minimum final average of 92% in preceding 8th grade Algebra 1 or Discovering Algebra.

b. A minimum final average of 85% in preceding Honors math

c. A minimum final average of 92% in preceding CP math

Duration: 200 minutes/week

Credits: 5

An accelerated course in geometry integrating synthetic, coordinate, and transformational approaches. Emphasis is placed on both reinforcement and extension of algebra while carefully developing a thorough understanding of proof.

Algebra 2 - Grade Level: 9-12

Prerequisite: a. A minimum final average of 78% in preceding class

b. A minimum final average of 92% in Discovering Geometry

Duration: 200 minutes/week

Credits: 5

Examines the real number system more extensively and introduces the complex number system. Emphasis is on the solution of problems, as well as the structure and properties of these number systems. Functional relations, linear functions, and their graphs are explored using solutions by graphing and linear equations. The solutions set of quadratic functions and quadratic equations is determined and graphed. Graphing calculators will be used extensively in this course.

Algebra 2 Honors - Grade Level: 9-12

Weighted Course

Prerequisite: a. A minimum final average of 85% in preceding Honors math

b. A minimum final average of 92% in preceding CP math

Duration: 200 minutes/week

Credits: 5

This accelerated course in advanced algebra will cover such topics as linear and quadratic functions, quadratic relations, linear systems, and powers and roots. The course will also explore areas such as trigonometry, exponents, and logarithms. Extensive attention will be given to real life applications and graphing technology.

MATHEMATICS PROGRAM

Pre-Calculus - Grade Level: 11-12

Prerequisite: a) Algebra 1

b) A minimum final average of 78% in Geometry and Algebra 2

Duration: 200 minutes/week

Credits: 5

This course is designed for those college preparatory students who have demonstrated proficiency in previous math courses and who are planning further study in mathematics. Selected topics will include polynomial and rational functions, as well as trigonometric and transcendental functions.

Pre-Calculus Honors - Grade Level: 11-12

Weighted Course

Prerequisite: a. A minimum final average of 85% in preceding Honors math

b. A minimum final average of 92% in preceding CP math

Duration: 200 minutes/week

Credits: 5

This accelerated course is designed to meet the needs of those exceptionally able math students. In addition to those topics normally covered in a pre-calculus course, concepts such as polar coordinates and limits will be explored.

Calculus - Grade Level: 12

Prerequisite: a. Algebra 1, Algebra 2, Geometry

b. A minimum final average of 78% in Pre-Calculus

Duration: 200 minutes/week

Credits: 5

This course is intended for those students who have demonstrated a proficiency in previous college preparatory mathematics courses. Topics include the elementary functions, differential calculus, integral calculus, sequences and series as well as elementary differential equations.

AP Calculus (AB) - Grade Level: 12

Weighted Course

Prerequisite: a. A minimum final average of 85% in preceding Honors math

b. A minimum final average of 92% in preceding CP math

Duration: 200 minutes/week

Credits: 5

This accelerated course is intended to meet the needs of those students who have demonstrated a thorough proficiency in all previous college preparatory mathematics courses and who intend to pursue a math or math related major in college. **Students will be required to sit for the AP exam at the end of the year.**

Electives

Consumer Math - Grade Level: 11-12

Prerequisite: None

Duration: 200 minutes/week per course

Credits 5

Consumer Mathematics is designed for senior high school students who require additional instruction in the application of math skills to become a wise consumer. Instruction is provided using a variety of realistic, consumer-oriented applications. These applications reinforce and extend students' mastery of basic mathematics concepts. Activities in the program are extended into the community.

MATHEMATICS PROGRAM

HSPA Math - Grade Level: 12

Prerequisite: None or partially proficient on HSPA Math score
Duration: 200 minutes/week (1 semester) Credits 2.5

L.P.S. (Logic, Probability & Statistics) - Grade Level: 11-12

Prerequisite: A minimum final average of 78% in
Algebra 1, Geometry and Algebra 2
Duration: 200 minutes/week Credits: 5

This course would not replace any of the required mathematics courses, but rather supplement those existing courses. Topics include Symbolic Logic, Statistics, Probability, set theory and SAT Prep.

Math Lab - Grade Level: 9-12

Prerequisite: Partially proficient score (below 200) on the Math
Section of the GEPA, NJASK 8, or HSPA
Duration: 200 minutes/week (1 semester) Credits: 2.5

Note: This lab does not take the place of a required math course; therefore, students must be concurrently enrolled in another math course.

This course provides instruction for students who have not demonstrated proficiency in mathematics skills appropriate to age or grade level and necessary for graduation. It may be required for those with demonstrated deficiencies as identified by the mathematics department or by performance on standardized tests. It includes, but is not limited to, topics from Algebra I, Algebra II, and Geometry, and reinforces test taking strategies, reasoning, and problem solving skills. This course may be taken in conjunction with another mathematics course and may be repeated.

SAT Preparation - Grade Level: 10-12*

Prerequisite: Current enrollment in both CP English and Geometry,
Algebra 2, Pre-Calculus, or Calculus
Duration: 200 minutes/week (1 semester) Credits: 2.5

This course is intended to provide students with the opportunity to develop test taking strategies as well as review subject matter. Computer software will be utilized to reinforce concepts. Students should note that this course does not satisfy graduation requirements in either the English or Mathematics areas.

*Seniors should only take this course during 1st semester.

PHYSICAL EDUCATION /HEALTH PROGRAM

Core Curriculum Content Standards

STANDARD 2.1 (Wellness) - All students will learn and apply health promotion concepts and skills to support a healthy, active lifestyle.

STANDARD 2.2 (Integrated Skills) - All students will use health-enhancing personal, interpersonal, and life skills to support a healthy, active lifestyle.

STANDARD 2.3 (Drugs & Medicines) - All students will learn and apply information about alcohol, tobacco, other drugs and medicines to make decisions that support a healthy, active lifestyle.

STANDARD 2.4 (Human relationships & sexuality) - All students will learn the physical, emotional, and social aspects of human relationships and sexuality and apply these concepts to support a healthy, active lifestyle.

STANDARD 2.5 (Motor skill development) - All students will utilize safe, efficient, and effective movement to develop and maintain a healthy, active lifestyle.

STANDARD 2.6 (Fitness) - All students will apply health-related and skill-related fitness concepts and skills to develop and maintain a healthy, active lifestyle.

* * * *

PLEASE NOTE:

- **Students MUST successfully complete all four years of Physical Education/Health Program in order to fulfill graduation requirements.**

PHYSICAL EDUCATION /HEALTH PROGRAM

Physical Education - Grade Level: 9 and 11 Required Course
Prerequisite: Previous year grade level Credits: 5
Grade Level: 10 and 12 Credits: 2.5

The Physical Education program at P.M.H.S (composed of 12 quarters), will seek to develop the student's self control, self confidence, sportsmanship, respect for others, as well as a knowledge of basic motor skills and movements. The student will learn strategies which enhance performance levels and gain a general appreciation for physical fitness.

The students will participate in many of the following activities: speedball, soccer, team handball, flag football, field hockey, tennis, golf, archery, basketball, volleyball, recreational games, softball, paddleball and dancing. Students will take written tests related to these activities. The physical fitness test will be administered to each student and progress will be monitored through the remaining high school years.

A "medical excuse" may only be issued by a physician. A student with a "medical excuse" from his/her own private physician must report to the nurse before school begins. If a student wishes to see the nurse for a "medical emergency" he/she must change into the PE uniform first, report to squads, then ask to report to the nurse.

A student shall be permitted one "excuse" (not medically excused by his/her physician) per marking period without penalty.

A student who is medically excused "UFN" (Until Further Notice) from PE shall be excluded from extra curricular activities and may not rejoin that activity until medically cleared by his/her physician.

Pennsville Memorial High School Physical Education Grading System

All students will be graded on a 10 point daily system. Total points will be added based on a weekly grade which will be entered on the last day of the week.

10 points will be deducted per day for not being prepared (complete gym uniform – Shirts, shorts, and sneakers) for class.

2 points will be deducted for the following:

- a. poor effort during activity
- b. not following directions or rules
- c. not participating in warm-ups
- d. profanity
- e. unsportsmanlike behavior
- f. leaving class early
- g. leaving lock on large locker

Test Grading System – The affect on the 100 MP Points

- a. test will be given on each unit covered in gym class
- b. all students will be required to take all tests, whether or not they have competed in the activity

PHYSICAL EDUCATION/ HEALTH PROGRAM

- c. the MP grade can be affected by a maximum of +/- 3 points
- d. test scores of 70% (passing), will not have a positive or negative affect on the 100 MP grade
- e. 1 point will be added to the grade for each 10% above 70% a student receives on a test. Ex. 90% = + 2 points
- f. 1 point will be deducted from the grade for each 10% below 70% a student receives on a test. Ex. 50% = -2 points (40% is the lowest a student can receive on a test.)

Proper Uniform

All students are required to wear the school uniform and ONLY the school uniform. No other clothing will be accepted including P.V. athletic team apparel. In addition to the school shorts and t-shirt, please wear white socks and sneakers. Gray, blue or gold sweat pants and sweat shirts may be worn over the uniform. The uniform is not to be worn to your other classes. You are not permitted to wear cleats, hats or sunglasses except prescription.

Health and Safety Curriculum

The Pennsville High School Health and Safety Curriculum is composed of three (3) quarters of Health and one (1) quarter of Driver Education/CPR. This will depend upon a student's age in tenth or eleventh grade. A student must be 16 years of age or older to take Driver Education.

<u>Health 1</u> – Grade Level: 10	Required Course
Prerequisite: None	
Duration: 150 minutes/week (1 quarter)	Credits: 1.25

Health 1 is designed to offer to a variety of topics current in today's society in the areas of 1) reproduction and disorders, 2) nutrition, diet, & physical fitness, 3) STD's and AIDS, and 4) drug and alcohol education. Some activities are problem-solving in small group settings. Also, to keep students abreast of developments in health, there are reviews of current health topics throughout the quarter.

<u>Health 2/Driver Education</u> - Grade Level: 10	Required Course
Prerequisite: None	
Duration: 150 minutes/week (1 quarter)	Credits: 1.25

The Driver Education component of this course is offered to all 10th grade students. It will provide students with thirty (30) hours of classroom instruction. Upon successful completion of the course, each student will have passed the written state test.

<u>Health 3</u> – Grade Level: 12	Required Course
Prerequisite: None	
Duration: 150 minutes/week (1 quarter)	Credits: 1.25

Health 3 is designed to offer a mental health unit including information on healthy choices; personality and self-esteem; managing stress; and mental disorders and suicide. Also included will be a review of substance abuse and addiction.

PHYSICAL EDUCATION /HEALTH PROGRAM

Health 4 - Grade Level: 12

Required Course

Prerequisite: None

Duration: 150 minutes/week (1 quarter)

Credits: 1.25

Health 4 is designed to focus on family life and parenting. This course will include dating, mate selection, marriage, responsibilities of parenthood, family relationships & crises, remarriage, family economics, work relationships and health-related careers. There will be a review of current health topics related to parenthood.

NOTE: A failure in Health Class must be made up in summer school or rescheduled the following school year. No student will be rescheduled for Health during the year in which the class was failed.

WORLD LANGUAGE PROGRAM
Core Curriculum Content Standards

STANDARD 7.1 (Communication) - All students will be able to communicate in at least one World Language in addition to English. They will use language to engage in conversation, understand and interpret spoken and written language, present information, concepts, and ideas while making connections with other disciplines, and compare the language/culture studied with their own.

STANDARD 7.2 (Culture) - All students will demonstrate an understanding of the perspectives of a culture(s) through experiences with its products and practices.

* * * * *

PLEASE NOTE:

- **Students MUST successfully complete one year of World Languages in order to fulfill graduation requirements.**
- **Many accredited colleges require a minimum of two consecutive years in a single World Language.**

Course Offerings

<u>General Courses:</u>	<u>Grade Level</u>	<u>Credits</u>
Chinese 1	9-12	5
Chinese 2	10-12	5
German 1	9-12	5
German 2	10-12	5
Spanish 1	9-12	5
Spanish 2	10-12	5

<u>College Preparatory (CP):</u>	<u>Grade Level</u>	<u>Credits</u>
Chinese 1 CP	9-12	5
Chinese 2 CP	10-12	5
Chinese 3 CP	11-12	5
German 1 CP	9-12	5
German 2 CP	10-12	5
German 3 CP	11-12	5
Spanish 1 CP	9-12	5
Spanish 2 CP	10-12	5
Spanish 3 CP	11-12	5

<u>Honors:</u>	<u>Grade Level</u>	<u>Credits</u>
German 4 Honors	12	5
AP Spanish/Spanish 4 Honors	12	5

WORLD LANGUAGE PROGRAM

CHINESE

Chinese 1 - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course is an introduction to the fundamentals of standard modern Chinese for students with no background in the language. Basic communication patterns and expressions commonly used in Chinese as well as Chinese culture and customs will be introduced.

Chinese 1 CP - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course is designed for college bound students with no background in the language. This course will focus on the Chinese Pinyin Romanization system, Chinese characters, and calligraphic techniques. A supplemental introduction to Chinese culture will also be included.

Chinese 2 - Grade Level: 10-12

Prerequisite: Chinese 1

Duration: 200 minutes/week

Credits: 5

This course continues to develop students' four language skills of listening, speaking, reading and writing to cope with real life situations. Class instruction will further emphasize Chinese pronunciation, the pinyin Romanization system, the Chinese character writing system, calligraphic techniques, and sentence composition.

Chinese 2 CP - Grade Level: 10-12

Prerequisite: a. Chinese 1 CP

b. A minimum final average of 92% in Chinese 1

Duration: 200 minutes/week

Credits: 5

This course is a continuation of Chinese 1 CP with a review of grammar and further development of reading and writing skills in Mandarin. Students will gain additional proficiency in understanding, speaking, reading, and writing Mandarin in practical situation. Students will further study Chinese culture and history.

Chinese 3 CP - Grade Level: 11-12

Prerequisite: a. A minimum final average of 78% in Chinese 2 CP

Duration: 200 minutes/week

Credits: 5

This course is a continuation of Chinese 2 CP. Students will start to develop more complex conversational skills with greater exposure to authentic Chinese materials and culture.

WORLD LANGUAGE PROGRAM

GERMAN

German 1 - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course is designed for communication at a basic literacy level in German. Students will be able to demonstrate an understanding of the interrelationship between the language and the culture. Students must communicate in the target language. This course is for students who need a slower paced learning environment.

German 1 CP - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This academic course for the college-bound student introduces German with an emphasis on grammar skills. Regular oral participation and a well maintained notebook is required. Students must communicate in the target language.

German 2 - Grade Level: 10-12

Prerequisite: German 1

Duration: 200 minutes/week

Credits: 5

This academic continuation of the language stresses the improvement and expansion of grammar through written and oral assignments. A well maintained notebook is required. Students must communicate in the target language.

German 2 CP - Grade Level: 10-12

Prerequisite: a. German 1 CP

b. A minimum final average of 92% in German 1

Duration: 200 minutes/week

Credits: 5

This academic continuation of the language stresses the improvement and expansion of grammar through written and oral assignments. A well maintained notebook is required. Students must communicate in the target language.

German 3 CP - Grade Level: 10-12

Prerequisite: a. A minimum final average of 78% in German 2 CP

b. A minimum final average of 92% in German 2

Duration: 200 minutes/week

Credits: 5

This intermediate academic course is designed to build sentence structure and to foster composition skills. Reading comprehension is also stressed.

German 4 Honors – Grade Level 11-12

Weighted Course

Prerequisite: a. A minimum final average of 92% in German 3 CP
or teacher recommendation.

Duration: 200 minutes/week

Credits 5

This course offers independent study opportunities to students. Literature consists of Bert Brecht's Drama: Mutter Courage. Students will perform a musical skit in the Spring at the Delaware Sangerbund. Students will write a resume, a letter of application for employment and an advertisement for a German newspaper. Students will create and present a lesson to a beginning language class by using the Smart Board to introduce elementary German software.

WORLD LANGUAGE PROGRAM

SPANISH

Spanish 1 - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course is designed for communication at a basic literacy level in Spanish. Students will be able to demonstrate an understanding of the interrelationship between the language and the culture. This course is designed for non-college bound students with a need for a communicative approach to language learning.

Spanish 1 CP - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This academic course for the college-bound student places its emphasis on vocabulary, grammar, culture, and conversation. In addition to verbal communication skills, students will work to enhance skills in reading, writing, and listening in Spanish.

Spanish 2 – Grade Level: 10-12

Prerequisite: Spanish 1

Duration: 200 minutes/week

Credits: 5

The focus of this course is intermediate communication skills in the Spanish language. Based on the elementary vocabulary learned in Spanish I, students achieve confidence in communicating and understanding. Basic vocabulary and memorized short phrases are now expanding to expression of original thought. This course is designed for non-college bound students with a need for a communicative approach to language learning.

Spanish 2 CP - Grade Level: 10-12

Prerequisite: a. Spanish 1 CP

b. A minimum final average of 92% in Spanish 1

Duration: 200 minutes/week

Credits: 5

This academic course for the college-bound student continues to develop the skills introduced in Spanish 1 CP. Reading comprehension receives more emphasis, as does proficiency in guided writing.

Spanish 3 CP - Grade Level: 10-12

Prerequisite: a. A minimum final average of 78% in Spanish 2 CP

b. A minimum final average of 92% in Spanish 2

Duration: 200 minutes/week

Credits: 5

In this academic course grammar and vocabulary are studied more extensively. Speaking, listening, reading, and writing skills are enhanced in preparation for 4th year AP Spanish.

AP Spanish/Spanish 4 Honors – Grade Level: 11-12

Weighted Course

Prerequisite: a. A minimum final average of 92% in Spanish 3 CP

or teacher recommendation

Duration: 200 minutes/week

Credits 5

This academic course reviews all grammar and vocabulary. Students will summarize authentic written and oral sources through projects, oral presentations, compositions and research. By September 30, students must choose their course of study: AP Spanish or Spanish 4 Honors. **Those students who choose AP Spanish will be required to sit for the AP exam at the end of the year.**

TECHNOLOGY EDUCATION PROGRAM

Core Curriculum Content Standards

STANDARD 8.1 (Computer and Information Literacy) - All students will use computer applications to gather and organize information and to solve problems.
STANDARD 8.2 (Technology Education) - All students will develop an understanding of the nature and impact of technology, engineering, technological design, and the designed world as they relate to the individual, society, and the environment.

* * *

PLEASE NOTE:

- **Students MUST successfully complete one year of Technology Education, Family & Consumer Science or Applied Technology in order to fulfill graduation requirements.**

*Spreadsheet - Excel - Grades 9-12

Prerequisite: None

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This semester course is designed to build upon the basic spreadsheet experience students have already had through participation in the middle school computer applications programs. This semester course will provide advanced instruction in the use of Microsoft Excel. Skill developed in this course should be useful to students who are planning to pursue careers in science, math, business, and accounting, as well as personal uses.

The skill level that can be achieved in this course should be considered marketable for those who may be seeking part-time or full-time employment.

*** This course is strongly recommended for CP and Honors students.**

*Database - Access - Grades 9-12

Prerequisite: None

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This semester course will introduce database design and use through the study of Microsoft Access. Skill developed in this course will be beneficial in virtually any area of study or work as databases serve as the basis for information retrieval in professional and personal venues.

The skill level that can be achieved in this course should be considered marketable for those who may be seeking part-time or full-time employment.

*** This course is strongly recommended for CP and Honors students.**

TECHNOLOGY EDUCATION PROGRAM

Desktop Publishing – Publisher/Presentation Software – PowerPoint/Internet Search Techniques - Grades 9-12

Prerequisite: None

Duration: 200 minutes/week (1 semester) Credits: 2.5

This semester course is designed to extend the students' abilities to use the computer beyond standard word processing applications and into the more specialized areas of desktop publishing and presentation software. Students will be introduced to the elements of desktop publishing through Microsoft Publisher. Basic layout considerations, use of graphics, enhanced fonts, newsletter design, brochure layout, and other concerns related to "publishing" a document are covered. Students will be introduced to the elements of presentation software through PowerPoint. Developing and customizing **professional** presentations will be covered. Students will present their PowerPoint documents to the class. Internet search techniques will be covered as well.

Students who elect this course will have the opportunity to add to their computer skills enabling them to meet the additional technological demands that are being made of them within the high school setting, further education, and the business world.

Web Page Design - FrontPage - Grades 9-12

Prerequisite: None

Duration: 200 minutes/week (1 semester) Credits: 2.5

This semester course is designed to extend the students' abilities to use the computer beyond standard word processing applications and into the more specialized areas of web page design. Students will be introduced to the elements of web page design through Microsoft FrontPage. Students will be introduced to basic HTML code, hyperlinks, bookmarks, backgrounds and background images, thumbnails, hotspots, tables, frames, special effects, themes and styles.

Students who elect this course will have the opportunity to add to their computer skills enabling them to meet the additional technological demands that are being made of them within the high school setting, further education, and the business world.

Advanced Word Processing (MS Word 2002) - Grade 9-12

Prerequisite: 40 wpm typing speed with 95% accuracy

Duration: 200 minutes/week Credits: 5

This course is designed to build upon the basic word processing experience students have already had through participation in the middle school computer applications program. It will provide advanced instruction in the use of Microsoft Word (Office XP). Skill developed in this course should be considered marketable for those students who may want to use this skill to obtain part-time or full-time employment.

Introduction to Computer Applications - Grade Level: 9-12

Prerequisite: Teacher Recommendation

Duration: 200 minutes/week Credits: 5

This course is designed to introduce the student to the basics of word processing, spreadsheets, desktop publishing, and presentation software. One marking period will be designated for each area.

Practical Office Practice - Grade Level: 10-12

Prerequisite: A minimum final average of 78% in 2 High School technology courses

Duration: 400 minutes/week Credits: 10

Students must have successfully completed two technology courses at the high school level. In addition, because of the public and professional environment where each student is placed, student's academic, attendance, and discipline records are reviewed as part of the selection process. Students interested in seeking employment or further education in office or business occupations are encouraged to take this course. Curriculum includes training in reprographics techniques, telephone techniques, office-style keyboarding, filing, human relations, work

TECHNOLOGY EDUCATION PROGRAM

ethics/attitude, and job application procedures.

This course has an additional lab period that must be included in the students' schedules. Each member of the class is assigned to work as an aide in the offices and library of the high school, middle school or district office. Aides are evaluated by their supervisors as a part of their regular course work.

Accounting I - Grade Level: 10-12

Prerequisite: Spreadsheet or Database

Duration: 200 minutes/week

Credits: 5

Accounting I is recommended for all students who plan a college major in accounting, business administration, finance, economics, or marketing. The skills obtained in this course are vital in the understanding of relationships of various records in the accounting system and can be valuable on both a personal level and a career level. This course will also integrate technology while students develop the foundations of accounting.

Accounting II - Grade Level 11-12

Prerequisite: A minimum final average of 78% in Accounting I

Duration: 200 minutes/week

Credits: 5

Accounting II continues to extend coverage from Accounting I. A review of the entire accounting cycle using a departmentalized business allows students to begin the advanced course by reviewing many of the topics learned in the first-year course. The course will explore various aspects of accounting, including accounting control systems, accounting adjustments, management and cost accounting, not-for-profit accounting, inventory planning and valuation, budgetary planning and control, and financial analysis. Accounting II is recommended for those students planning a college major in accounting, business administration, finance, economics, and marketing.

Accounting III & IV - Grade Level: 12

Prerequisite: A minimum final average of 78% in Accounting II

Duration: 200 minutes/week

Credits: 5

Accounting III & IV continues to extend coverage from Accounting II. A review of the entire accounting cycle using a departmentalized business allows students to continue the advanced course by exploring many of the topics learned in the second-year course. The course will delve into the various aspects of accounting, including accounting control systems, accounting adjustments, management and cost accounting, not-for-profit accounting, inventory planning and valuation, budgetary planning and control, and financial analysis. This course will also explore how technology affects the accounting cycle by using software designed to accompany the accounting text. This course is recommended for those students planning a college major in accounting, business administration, finance, economics, and marketing.

Personal Finance - Grade Level: 11-12

Prerequisite: None

Duration: 200 minutes/week (1 Semester)

Credits: 2.5

This course has been designed to center on the student's role as a citizen, family member, and consumer. Material covered will include gross and net pay, taxes, banking statements, budgeting, savings and investing options, credit, housing alternatives, insurance, and the rights and responsibilities of consumers in the marketplace.

Applied Economics (G) - Grade Level: 11-12

Prerequisite: None

Duration: 200 minutes/week (1 semester)

Credits: 2.5

Topics are studied from the perspective of business, the consumer, labor, and government. The course features student projects, guest speakers, and audio-visual learning.

TECHNOLOGY EDUCATION PROGRAM

Marketing - Grade Level: 11-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

Marketing Education is beneficial to any student planning a career in marketing, business administration, management, or economics. The course will enable students to understand and apply marketing, management and entrepreneurial principles—to make rational economic decisions, and to exhibit social responsibility in a global economy.

MUSIC PROGRAM

Core Curriculum Content Standards

STANDARD 1.1 (Aesthetics) - All students will use aesthetic knowledge in the creation of an in response to dance, music, theater, and visual art.
STANDARD 1.2 (Creation and Performance) - All students will utilize those skills, media, methods, and technologies appropriate to each art form in the creation, performance, and presentation of dance, music, theater, and visual art.
STANDARD 1.3 (Elements and Principles) - All students will demonstrate an understanding of the elements and principles of dance, music, theater, and visual art.
STANDARD 1.4 (Critique) - All students will develop, apply and reflect upon knowledge of the process of critique.
STANDARD 1.5 (History/Culture) - All students will understand and analyze the role, development, and continuing influence of the arts in relation to world cultures, history, and society.

PLEASE NOTE:

- **Students MUST successfully complete one year of Music or Art in order to fulfill graduation requirements.**

SAMPLE PROGRAM FOR A MUSIC ACADEMY STUDENT

<u>Grade 9</u>	<u>Grade 10</u>
English 9 CP	English 10 CP
World History CP	U.S. History I CP
Algebra 1/Geometry/Algebra 2	Geometry/Algebra 2/Pre-Calculus
Physical/Earth Science CP	Biology CP
World Language CP	World Language CP
Phys Ed 9 (Full Year)	Phys Ed 10/Health 1&2/Driver Ed
Concert Band/Orchestra/Choir	Concert Band/Orchestra/Eagle Singers
Advanced Music I	Advanced Music II
Lesson on major instrument or voice	Lesson on major instrument or voice
Lesson on major instrument or voice	
<u>Grade 11</u>	<u>Grade 12</u>
English 11 CP	English 12 CP
US History II CP	Physics CP/AP Biology
Algebra 2/Pre-Calculus	Pre-Calc/Calculus/Calculus AP
Chemistry CP	Phys Ed 12/Health 3&4
World Language CP	Concert Band/Orchestra/Eagle Singers
Phys Ed 11 (Full Year)	Adv. Music IV
Concert Band/Orchestra/Eagle Singers	Fine Arts Survey
AP Music Theory or Advanced Music III	Elective
Lesson on major instrument or voice	Lesson on major instrument or voice

Zero period ensembles are not shown above, but could be selected by the student to supplement the required courses.

MUSIC PROGRAM

Concert Band - Grade Level: 9-12

Prerequisite: Play band instrument

Duration: 200 minutes/week

Credits: 5

This course is open to all students who have previously acquired some proficiency with a wind or percussion instrument. Students continue to develop skills and understandings initiated in the middle school band program. In addition, they expand their understanding and performance of band music; familiarize themselves with a variety of musical styles found in standard band music; and learn and use new musical terms. Several required concerts are presented during the school year. Final admission is at the discretion of the director. This course can be taken each year of high school.

Orchestra - Grade Level: 9-12

Prerequisite: Play orchestral stringed instrument

Duration: 200 minutes/week

Credits: 5

This musical organization is open to all students who have acquired at least an intermediate level of proficiency for playing an orchestral stringed instrument. Every effort is made to acquaint members of the orchestra with a variety of musical styles and periods. Several required concerts are presented during the school year. Final admission is at the discretion of the director. This course can be taken each year of high school.

Concert Choir - Grade Level: 9-12, Vocal Academy 1st year

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

The high school choir is composed of pupils who have shown an ability to read music and to carry an individual vocal part. The participants should already have a basic knowledge of vocal techniques, and a genuine desire to sing and be an active participant in such an organization. Each year the choir prepares a repertoire which includes many styles and types of music, representative of the various periods of music history. Some vocal selections are rendered in the original language of the composition. Final admission is at the discretion of the director. Several required performances are presented during the school year. This course can be taken each year of high school.

Jazz Lab – Grade Level: 9-12

Prerequisite: Any instrumental students that are interested in exploring and playing jazz.

Duration: 200 minutes/week

Credits: 5

This course is designed for those students who are serious about exploring the music of jazz. Students will expand their musical horizons to include swing, be-bop, fusion, blues, etc. This is a performance class and will require performance throughout the year. You do not have to play a “jazz” instrument to be able to participate in this class. This course can be taken each year of high school.

Theater - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week (1 semester)

Credits: 2.5

This course introduces students to the basics of theater with an emphasis on acting.

MUSIC PROGRAM

Students study improvisation, mime, theater history, oral interpretation, and theatrical analysis. The course emphasizes play and character analysis, scene development, aesthetic criticism, basic directing skills, and theater history. This course can be taken each year of high school.

Dance - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week (1 semester) Credits: 2.5

This course introduces dance to students in its many forms and cultures with an emphasis that blends theory with practical application. Creative and structured dance forms are studied. This course can be taken each year of high school.

Eagle Singers - Grade Level: Upperclassmen who have spent at least one year
In Concert Choir, Vocal Academy students 2nd,
3rd & 4th year

Prerequisite: Audition – recommendation of vocal teacher

Duration: 200 minutes/week Credits: 5

This course is only for those students who show an advanced ability in the area of choral music. Entrance is by audition only and predominantly limited to upper classmen and Vocal Academy students. Repertoire consists of an advanced level of choral music covering all areas of musical styles and periods. Enrollment is limited. This ensemble participates in many performances both in and out of the district. Several required performances are presented during the school year.

Advanced Application of Orchestral Instruments

Grade Level: 9-12 Weighted Course

Prerequisite: Entrance examination and/or audition

Recommendation of the Music Teacher

Regular instruction on the musical instrument

Duration: 200 minutes/week Credits: 5

This course is available for those students who are serious about music and considering a possible career in music. The student studies independently toward a predetermined goal and must demonstrate, at periodic intervals, how he has gone about achieving that goal and his degree of success. Class size is limited. Small group and/or solo performances will be required.

Interested students must secure the approval of the teacher prior to signing up for the course. Students must be recommended for this course each year it is taken.

Women's Chorus - Grade Level 9-12

Prerequisite: Must be a member of Concert Choir and/or Eagle Singers or

Invitation by the Choir Director Credits: 2

This course is open to very dedicated vocal students who have demonstrated advanced vocal abilities. Strong emphasis is placed on individual performance as it relates to small ensemble performance. Students will develop an extensive repertoire of ensemble literature. Efforts in this course will culminate in several required public performances during the course of the school year. Students must be recommended for this course each year it is taken.

Men's Ensemble - Grade Level: 9-12

Prerequisite: Must be a member of Concert Choir and/or Eagle

Singers or invitation by the Choir Director Credits: 1

MUSIC PROGRAM

This course is open to male singers who have demonstrated an advanced level of vocal ability and show a love for the choral art. Lighter musical styles will be explored including folk music, contemporary genres, etc. Efforts in this course will culminate in several public performances throughout the year. Students must be recommended for this course each year it is taken.

A Cappella Choir - Grade 9-12

Prerequisite: Must be a member of Concert Choir or Eagle Singers
Invitation by the Choir Director Credits: 2

An audition is required to participate in this course which is open to very dedicated singers who have demonstrated advanced vocal abilities. Strong emphasis is placed upon individual performance as it relates to small ensemble performance. The group sings music from a variety of historical periods and genres that utilize the *a cappella style* (meaning there is no piano accompaniment). Music of this tradition dates back as far as the 1500's but also includes repertoire through the years including that of the contemporary period. Efforts in this course culminate in multiple required public performances during the course of the school year. Students must be recommended for this course each year it is taken.

Strolling Strings - Grade Level: 9-12

Prerequisite: Must be a member of the orchestra
Recommendation of Strolling Strings Director Credits: 3

Participation in this ensemble is by invitation only. It is designed for the advanced string player. Every effort is made to acquaint the students with a variety of musical styles as well as the techniques of strolling, all in the interest of expanding the musical experience of the more advanced string students. Performance is at the very core of this group and accordingly, many events are scheduled during the course of the school year. It is expected that anyone who accepts nomination to this organization will likewise accept the responsibility of participating in all of its activities. Students must be recommended for this course each year it is taken.

String Quartet/Trio - Grade Level: 9-12

Prerequisite: Must be a member of the orchestra
Recommendation of Orchestra Director Credits: 1

Participation in this ensemble is by invitation only. It is designed for the advanced string player. Students will expand their musical horizons to include music drawn from the uppermost strata of the standard string quartet repertoire. As this is a performance-based organization, there will be several required performances during the course of the year. Students must be recommended for this course each year it is taken.

Riverview Chamber Players - Grade Level: 9-12

Prerequisite: Must be a member of the orchestra
Recommendation of Orchestra Director Credits: 1

Participation in this ensemble is by invitation only. It is designed for the advanced string player. Students will greatly expand their knowledge of traditional chamber orchestra music. Music selections span the range of chamber music literature from the Baroque to the Modern. This is a performance oriented class and as such requires participation in several performances during the school year. Students must be recommended for this course each year it is taken.

Saxophone Ensemble

Grade Level: 9-12 Credits: 1
Prerequisite: Saxophone Player and invited by the band director

MUSIC PROGRAM

This course is open to saxophone players who have demonstrated an advanced level of ability. Students will expand their musical knowledge of the saxophone ensemble genre. As this is a performance-based class, there will be required performances throughout the year. Students must be recommended for this course each year it is taken.

Woodwind Ensemble

Grade Level: 9-12

Prerequisite: Woodwind Player including flute, clarinet, double-reed,

or

saxophone. Invitation by director.

Credits: 1

This course is open to advanced woodwind players that are invited by the director. Students will expand their knowledge of band related chamber music. As this is a performance-based class, there will be required performance throughout the year. Students must be recommended for this course each year it is taken.

Salem County Academy of Instrumental Music at PMHS*

Grade Level: 9-12

Prerequisite: Acceptance into the program by the
Salem County Career & Technical High School

Duration: 400 minutes/week Credits: 10

This Academy program is designed for the serious musician who intends to pursue further education and a career in music. It is limited to those whose major instrument is included in the band or orchestra. Students must already know how to play the instrument at an advanced level. Students must exhibit on-the-job work ethics including a conscientious attitude and self-motivation.

Participants will receive advanced level instruction on their major instrument. Also, they will participate in music theory, music technology, advanced music reading, advanced music writing, and ensemble playing. As part of a performance media, students must participate in mandatory performances that sometimes take place outside of school time. This experience will include solo as well as ensemble work. An application for acceptance into this program must be submitted to the Salem County Career & Technical High School. The application process includes an audition. Students must sign up for a major ensemble (Concert Band or Orchestra) and Advanced Music which combine to create the double period major.

Salem County Academy of Vocal Music at PMHS*

Grade Level: 9-12

Prerequisite: Acceptance into the program by the Salem County
Career & Technical High School

Duration: 400 minutes/week Credits: 10

This Academy program is designed for the serious musician who intends to pursue further education and a possible career in vocal music. Students must already be able to sing at a competent level and exhibit on-the-job work ethics including a conscientious attitude and self motivation.

Participants will receive advanced level instruction in voice. Also, they will participate in classes that provide experience in music theory, music technology, advanced music reading, advanced music writing, and vocal ensemble performance. This experience may include solos as well as ensemble work. As part of a performance media, students must participate in mandatory performances that sometimes take place outside of school time. An application for acceptance into this program must be submitted to the Salem County Career & Technical High

MUSIC PROGRAM

School. The application process includes an audition. Students must sign up for a choir and Advanced Music which combine to create the double period major.

*** Students must earn a 78% or higher in Advanced Music courses and earn an overall g.p.a. of 78% or better at the end of the freshman, sophomore and junior year in order to remain in the academy.**

Advanced Music I* - Grade Level: 9-11 Weighted Course

Prerequisite: Recommendation of the Related Arts Supervisor
or acceptance into a Music Academy

Duration: 200 minutes/week Credits: 5

This course is for students who have demonstrated exceptional ability in music. It represents a natural progression from the Advanced Music class in the middle school. It is also a first level course for the Music Academies. The course focuses upon advanced concepts of music reading, writing and listening. Students will experience beginning levels of music dictation, ear training, sight singing and music technology. Besides becoming very familiar with both bass and treble clefs, students will practice elementary keyboard, work with all fifteen major key signatures, fifteen minor scales in their three forms, various chords, simple and compound rhythms, major/minor/diminished and augmented intervals and triads. This course contains advanced content, utilizes college-level materials, and is accelerated.

Advanced Music II* - Grade Level: 10-12 Weighted Course

Prerequisite: Successful completion of Advanced Music I with a
minimum final average of 78%
Recommendation of the Related Arts Supervisor
or continuation into a Music Academy

Duration: 200 minutes/week Credits: 5

This course is for students who have demonstrated exceptional ability in music. It represents a natural progression from Advanced Music I. The primary focus is upon the study of music theory – chords and ways composers write from one chord to another. Students will study music written by the masters of composition and write their own chord progressions following traditional practices. Students will also improve their music keyboard skills, dictation, sight singing and ear training. This course is highly recommended for anyone planning to major in music at the college level. This course contains advanced content, utilizes college-level materials, and is accelerated.

AP Music Theory* - Grade Level: 11 - 12 Weighted Course

Prerequisite: Successful completion of Advanced Music II with a
minimum final average of 92%
Recommendation of the Related Arts Supervisor or
continuation into a Music Academy

Duration: 200 minutes/week Credits: 5

This course is for students who have demonstrated exceptional ability in music and have successfully completed Advanced Music I and II. The main emphasis here is upon advanced study of music theory. Students will learn to recognize and use a larger variety of chords in their music writing including seventh chords; the submediant and mediant triads; secondary dominants; and elementary modulation. In addition, further study will be included in music dictation, ear training and music technology. At this level, students will prepare themselves for entrance tests to music colleges. The possibility exists (with application and talent during the four years of Advanced Music) for students to test out of beginning level courses at some colleges. This course contains advanced content, utilizes college-level materials, and is accelerated. **Students will be required to sit for the AP exam at the end of the year.**

MUSIC PROGRAM

Advanced Music III* - Grade Level: 11-12 Weighted Course

Prerequisite: Successful completion of Advanced Music II with a minimum final average of 78%
Recommendation of the Related Arts Supervisor or continuation into a Music Academy

Duration: 200 minutes/week Credits: 5

This course is for students who have demonstrated exceptional ability in music and have successfully completed Advanced Music I & II. The main emphasis here is upon advanced study of music theory. Students will learn to recognize and use a larger variety of chords in their music writing including seventh chords; the submediant and mediant triads; secondary dominants; and elementary modulation. In addition, further study will be included in music dictation, ear training and music technology. At this level, students will prepare themselves for entrance tests to music colleges. The possibly exists (with application and talent during the four years of Advanced Music) for students to test out of beginning level courses at some colleges.

This course contains advanced content, utilizes college-level materials, and is accelerated.

Advanced Music IV* - Grade Level: 12 Weighted Course

Prerequisite: Successful completion of Advanced Music III or AP Music Theory with a minimum final average of 78%
Recommendation of the Related Arts Supervisor or continuation into a Music Academy

Duration: 200 minutes/week Credits: 5

This course is for students who have demonstrated exceptional ability in music and have successfully completed Advanced Music I, II and III. The primary focus at this level is upon use of knowledge and skills learned in levels I through II as they use elementary music theory to arrange and compose their own music. In addition, students will study music history, conducting, sight singing and musical form (the outline of a musical composition). Students will continue to improve their abilities with music dictation, ear training, and music technology. This course contains advanced content, utilizes college-level materials, and is accelerated.

*** Students must earn a 78% or higher in Advanced Music courses and earn an overall g.p.a. of 78% or better at the end of the freshman, sophomore and junior year in order to remain in the academy.**

ART PROGRAM

Core Curriculum Content Standards

STANDARD 1.1 (Aesthetics) - All students will use aesthetic knowledge in the creation of an in response to dance, music, theater, and visual art.

STANDARD 1.2 (Creation and Performance) - All students will utilize those skills, media, methods, and technologies appropriate to each art form in the creation, performance, and presentation of dance, music, theater, and visual art.

STANDARD 1.3 (Elements and Principles) - All students will demonstrate an understanding of the elements and principles of dance, music, theater, and visual art.

STANDARD 1.4 (Critique) - All students will develop, apply and reflect upon knowledge of the process of critique.

STANDARD 1.5 (History/Culture) - All students will understand and analyze the role, development, and continuing influence of the arts in relation to world cultures, history, and society.

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PLEASE NOTE:

- **Students MUST successfully complete one year of Music or Art in order to fulfill graduation requirements.**

Crafts - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits 5

This is a course for the student who enjoys creating objects of craft art. The course offers enjoyment and instruction for students who like to create small crafts projects as well as students who intend to pursue an art career. The class will work in many different media. Areas of concentration may include ceramics, weaving, sculpture, copper enamel, collage, woodworking, fabric arts, mosaic, and others. Preparatory sketches are required for most projects.

World Crafts - Grade Level: 10-12

Prerequisite: A minimum final average of 78% in Crafts

Duration: 200 minutes/week

Credits: 5

This course continues work that was begun in Crafts. Here, special attention is given to the rich heritage of crafts brought to America from many other lands and cultures. This includes but is not limited to such cultures as American folk, Asian, Native American and African. Crafts may include use of natural fibers, carving, ceramics, jewelry, and metal work. Students taking this course will be required to spend out-of-school time gathering natural materials for use in projects.

Basic Fine Art I - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This is a course for students who want to study art as an academic subject. It is a prerequisite for all other art courses with the exception of "Crafts" and "World Crafts." Students will be instructed in drawing, painting, printmaking and sculpture as well as the use of all associated tools and equipment. Students will work in a variety of media such as charcoal, pastel, ink, acrylics, watercolors, clay, wood, and others. Students will be introduced to the concepts of composition, design, color, line, texture, shape, and form. A student's unique talents and interests will be expanded through exposure to new and different media, as well as by individual teacher attention, to develop his maximum potential.

ART PROGRAM

Basic Fine Art II - Grade Level: 10-12

Prerequisite: A minimum final average of 78% in Basic Fine Art I
or recommendation of Art Teacher

Duration: 200 minutes/week Credits: 5

Students will be encouraged to refine the techniques learned in Basic Fine Art I. The techniques and media covered in Fine Art 1 will be explored in more depth and detail. Students will be challenged by more advanced thought-provoking projects. Students will be exposed to additional media beyond those used in Basic Fine Art I.

Basic Fine Art III - Grade Level: 11-12

Prerequisites: a. A minimum final average of 78% in
Basic Fine Art I & Basic Fine Art II
b. Recommendation of Art Teacher

Duration: 200 minutes/week Credits: 5

This course is available for those students who have successfully completed Basic Fine Art I & II. Each student pursues his particular area of interest working independently toward a predetermined goal. At the end of each semester, the student must demonstrate how he has gone about achieving that goal and his degree of success. Students will be expected to take a greater part in the evaluation of their peers' art work. This will take the form of verbal evaluation during critiques and written evaluation during exams. This course may be used by the student for portfolio preparation.

Painting and Drawing - Grade Level: 11-12

Prerequisite: a. A minimum final average of 78% in
Basic Fine Art I & Basic Fine Art II
b. Recommendation of Art Teacher

Duration: 200 minutes/week Credits: 5

This course will require students to draw and paint in diverse media. The class goal is to learn to draw and paint realistically such subjects as models, still lifes, old masters and photographs, as well as subjects drawn from the imagination of the individual student. Students will learn about different paints. At least four major drawing projects will be assigned, in very different media. The drawing projects will provide the inspiration for one or more of the four major painting assignments done in acrylics, oils, or watercolors. Students will be taught specific drawing and painting techniques. An appreciation for color and line will be emphasized. Before taking this course, students should have successfully completed the concepts of Basic Fine Art I and II. This course may be used by the student for portfolio preparation.

Commercial Art - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week Credits: 5

This course is designed for students who love to draw. As in most art courses, emphasis is upon the Elements of Art as well as the Principles of Design. Emphasis in this course is upon the application of these concepts to advertising. Students will create artwork to sell a product or idea. Projects will address book illustration, advertisement, cartooning, caricatures, fashion design, figure drawing, lettering and typography. Various media will be used such as pen and ink, watercolor and colored pencils.

ART PROGRAM

Advanced Art I: Studio Art - Grade Level: 9-12 Weighted Course

Prerequisite: Recommendation of Art Teacher

Duration: 200 minutes/week Credits: 5

The Advanced program in Art provides an opportunity for exceptional students to foster their individual abilities, talents, and creativity. At this initial level, the vehicle for such expression is Studio Art, i.e., drawing, painting, printmaking, and sculpture, as well as a variety of crafts media. A specific time and place is provided for the student to create and express his or her own unique ideas. Individual thoughts and expressions are encouraged.

This course contains advanced content and is accelerated.

Advanced Art II: Studio Art - Grade Level: 10-12 Weighted Course

Prerequisites: a. A minimum final average of 85% Advanced Art I

b. Recommendation of Art Teacher

Duration: 200 minutes/week Credits: 5

This course is available to those students who have already experienced Advanced Art I. Though the format is essentially the same, the approach will feature an intensified study of the various vehicles which comprise Studio Art. Original work, through the application of creative and divergent thinking, will be encouraged and expected. A show of student works will be a prime method of evaluation for this course.

This course contains advanced content and is accelerated.

Advanced Art III: Portfolio Preparation - Grade Level: 11-12 Weighted Course

Prerequisites: a. A minimum final average of 85% in Advanced Art II

b. Recommendation of Art Teacher

Duration: 200 minutes/week Credits: 5

This course is available to those students who have already experienced Advanced Art I and II. Students will complete preparation of a portfolio of artwork for presentation at the college level. The student will reflect on his/her main field of study, hone skills, and create artwork centering on personal style and themes. Students will be encouraged to experiment with desired mediums and ideas. (Ultimately, a portfolio will be prepared with 7-10 pieces of artwork reflecting the student's best ability.) Students will be expected to show their works.

This course contains advanced content and is accelerated.

Advanced Art IV: Advanced Portfolio Preparation

Grade Level: 12 Weighted Course

Prerequisite: a. A minimum final average of 85% in Advanced Art III

b. Recommendation of Art Teacher

Duration: 200 minutes/week Credits: 5

2nd Year Advanced Portfolio Preparation Course is a continuation and culmination of the Advanced Art Program. Here the student will complete preparation of a portfolio of artwork, typically begun in Advanced Art 3, for presentation at the college level. The student will reflect on his/her main field of study, document progress in a sketchbook/journal, refine skills and techniques, and create artwork centering on personal style and themes. Students will be encouraged to experiment with desired mediums and ideas while also fulfilling portfolio requirements of prospective schools. The individual nature of this course requires a great deal of effort and dedication on the part of the student.

This course contains advanced content and is accelerated.

AP Studio Art - Grade Level: 12 Weighted Course

Prerequisite: a. A minimum final average of 92% in Advanced Art

b. Recommendation of Art Teacher.

Duration: 200 minutes/week Credits: 5

This course is for the student who is building a portfolio with the intent of applying to college

ART PROGRAM

and studying art. College credit for an art studio is granted to students who successfully complete Advanced Placement Art. Students taking this class will be expected to perform with a higher degree of craftsmanship, technique, and originality. By the end of the year students will have developed a portfolio that will be presented for review by the Placement Board as well as be able to use proper art terminology when talking about their work.

Computer Art I - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course is designed to introduce students to computer art, both the software and artistic techniques. Emphasis will be upon the elements and principles of design usually associated with visual art. These concepts will be applied to computer technology and traditional paper drawings. Students will learn the value of the computer as a means of drawing and painting. Prescribed techniques will be used and students will create specific projects to form an electronic portfolio of original works. Scanners may also be used as a basis for work in paintings and mixed media.

Computer Art II – Grade Level: 10-12

Prerequisite: a. A minimum final average of 78% in Computer Art I

Duration: 200 minutes/week

Credits: 5

This course is designed to further student knowledge and skills learned in level I of Computer Art. In level II, Art concepts will continue to be applied to technology. Students will use more advanced techniques in Adobe PhotoShop and will begin using Adobe Illustrator. In conjunction with this software, a digital camera will also be used. Since this is an art course, traditional drawings will still be required.

Computer Art III – Grade Level: 11-12

Prerequisite: A minimum final average of 78% in Computer Art I & II

Duration: 200 minutes/week

Credits: 5

This course is designed to follow work learned in levels I and II. The main focus is to introduce students to web page design using HTML (Hypertext Markup Language) coding. This will be approached from an artist's viewpoint. The study of coding will lead to the actual creation of web pages. Projects will be approached from the view of fine art and may include the creation of web pages about artists or styles of art. Copyright law will be reviewed and considered while working on the projects. Research and the creation of individual artwork will be necessary in the design of web pages. Traditional drawings will still be required.

Interactive Design - Grade Level: 10-12

Prerequisite: a. Computer Art I

b. Graphic Arts Tech

c. GMT 1

d. Teacher Recommendation

Duration: 200 minutes/week

Credits: 5

Interactive Design is an advanced class for those interested in taking their artistic and computer skill to another level. In this course you will learn how to create flash website, CD-ROMs, and computer games. The course will expand knowledge of graphic software using Photoshop and Illustrator, while introducing new programs like Flash and Director. Interactive Design is for students who want to pursue a career in game programming, web/CD design, or graphic design.

APPLIED TECHNOLOGY PROGRAM

Core Curriculum Content Standards

STANDARD 9.1 (Career & Technical Education) - All students will develop career awareness and planning, employability skills, and foundational knowledge necessary for success in the workplace.

STANDARD 9.2 (Consumer, Family & Life Skills) - All students will demonstrate critical life skills in order to be functional members of society.

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PLEASE NOTE:

- **Students MUST successfully complete one year of Technology Education, Family & Consumer Science or Applied Technology in order to fulfill graduation requirements.**

Mechanical Drafting 1 - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

For the first time the pupil will meet with a set of tools that will help him/her draw straight lines, curves, and circles. Learning how to properly use these drawing tools is one of the first objectives. The second objective is to learn how to construct and dimension the most elementary type of mechanical drawings. Students will be introduced to orthographic projection and pictorial drawings. Emphasis will be placed on good mechanical drawing techniques, neatness, and accuracy.

This first course is an excellent course for all students to take in that useful concepts and techniques are learned that can be applied in other areas in the future, as well as groundwork for architectural and engineering students.

Mechanical Drafting 2 - Grade Level: 10-12

Prerequisite: A minimum final average of 78 in Mechanical Drawing 1

Duration: 200 minutes/week

Credits: 5

Mechanical Drafting 2 will introduce the computer and AutoCad Software as the technological tools for producing technical drawings. Students will apply the basics learned in Mechanical Drafting 1 to the use of computer commands instead of using manual drafting equipment.

Students will begin drawing simple designs, then orthographic projection drawings until most of the CADD commands are learned. Then more technical drawings will be developed from the Shop Process Unit and will be studied and drawn with CADD. Later detailed sections will be drawn also using CADD. Dimensioning will be introduced midway through the year and continued throughout.

Mechanical Drafting 3 - Grade Level: 11-12

Prerequisite: A minimum final average of 78 in Mechanical Drawing 2

Duration: 200 minutes/week

Credits: 5

The practical application of previously acquired knowledge in mechanical drawing will be the major objective of this course. Students will spend the first semester learning how to do parallel and radial line developments as applied to sheet metal work. The second semester will be devoted to making a working, detail, and an assembly drawing of small machines and mechanical objects. Complete sets of prints and drawings will be made of these mechanical objects. Mechanical Drafting 3 will be using CADD as the drawing tool, not manual equipment, for the entire course.

APPLIED TECHNOLOGY PROGRAM

Mechanical Drafting 4 - Grade Level: 12

Prerequisite: A minimum final average of 78 in Mechanical Drawing 3

Duration: 200 minutes/week

Credits: 5

This is the year to do in Mechanical Drawing those things you have always wanted to draw. By this time an established technique and established mechanical drawing CADD essentials should have been mastered. This is the time to draw plans for a house--make advanced machine drawings or construct pictorial representation of assembled machine parts. This is the year to emphasize the phase of drawing that you like the most or would like to know more about. As near as possible, we will try to fit the work to the desire of the student.

CADD - Computer Assisted Drafting & Design - Grade Level: 12

Prerequisite: Mechanical Drawing 1, 2, & 3 with exceptions only for exceptional students at teacher's discretion.

Duration: 400 minutes/week (double period)

Credits: 10

This course is designed to apply the acquired knowledge from Mechanical Drawing 1, 2, & 3 to the use of a computer as a drawing instrument. Advanced students may draw special problems like designing schools or shopping malls, etc. based on ability and interests.

AutoCad software will be used to produce machine drawings and architectural drawings. By the end of the year students will have a working knowledge of CADD, the printing of drawings and various other multi-media uses of the computer as it applies to industry and other practical applications. Individuals design ideas may come to fruition.

Graphic Arts Technology - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course is an exploratory overview of the graphic arts industry. The students will examine the basic printing processes and computer graphics programs utilized in the graphics industry.

Screen printing, marbling, digital photography, and binding and finishing techniques are some areas in which the students will participate. In addition, students will develop basic skills in Desktop Publishing and computer generated designs and layouts using programs such as InDesign, Illustrator and PhotoShop.

Some projects students will complete are cd cover design, dollar design, poster design, clock design, and greeting cards.

Advanced Graphic Arts Technology - Grade Level: 10-12

Prerequisite: Graphic Arts Technology

Duration: 200 minutes/week

Credits: 5

In this course the student will refine the basic skills acquired in the first level course. The areas of copy preparation/paste up, printing, binding and finishing, are explored through theory and hands-on practical applications. Advanced computer graphic design skills will be used to develop professional layouts. Career information will also be covered.

APPLIED TECHNOLOGY PROGRAM

Some projects the students will complete are package design, invitation design, DVD design, and logo design and postcards.

Production Printing - Grade Level: 11-12

Prerequisite: a. Advanced Graphic Arts Technology
b. Teacher Recommendation

Duration: 200 minutes/week

Credits: 5

This course covers special production techniques used in the graphics industry. Students will work on actual production assignments for the school and themselves. Job time estimation and billing will be covered as hands-on experiences. In addition, advanced computer skills will be developed to obtain professional layouts. The student will be expected to take a printing job and follow all steps needed to complete the project. Some school printing projects are football, play, and sports event programs, tickets, preschool graduation puzzles, t-shirts, and note pads.

Advanced Production Printing - Grade Level: 12

Prerequisite: a. Production Printing
b. Teacher Recommendation

Duration: 200 minutes/week

Credits: 5

This course is designed for students that have developed proficiencies in computer graphic design, screen printing, and production techniques. The student's main focus will be on school printing requests. Students must be able to perform all steps that are required to produce a finished product from layout and design to finishing and binding.

APPLIED TECHNOLOGY PROGRAM
SAMPLE PROGRAM
FOR
GMT ACADEMY STUDENT

<u>Grade 9</u>	<u>Grade 10</u>
English 9	English 10
Math	U.S. History I
World Language or Basic Fine Art 1	World Language or Basic Fine Art 1
Physical/Earth Science	Science
World History	Math
GMT I	GMT II
Physical Education 9 (Year)	Health 2/Driver Ed/Physical Ed

<u>Grade 11</u>	<u>Grade 12</u>
English 11	English 12
U.S. History II	Independent Study
Math	Elective
Science	GMT IV
Mechanical Drawing or Advanced Art	Health 3,4/Phys Ed
GMT III	
Physical Education 11 (Year)	

Students must earn a 78% or higher in GMT courses and earn an overall g.p.a. of 78% or better at the end of the freshmen, sophomore and junior year in order to remain in the academy.

GMT/SCC

Salem Community College courses are offered by invitation only to those students who meet the established criteria. Interested students must complete a Salem Community College admissions application/registration form and take the Accuplacer. Criteria is based on students excellent attendance record, and must possess a GMT average of 78% and a overall GPA of 78% or better at the conclusion of student's freshman, sophomore and junior year. Invited students must exhibit time management skills in order to coordinate the high expectations and demands of coordinating both high school and college academic requirements.

APPLIED TECHNOLOGY PROGRAM

Salem County Academy of Graphic Design in Multi Media Technology I at PMHS:

Grade Level: 9 and 10-12

Prerequisite: Acceptance into the program by the
Salem County Career Academy

Duration: 400 minutes/week

Credits: 10

This academy is located in a nationally accredited facility containing desktop publishing and image editing computer stations, industry standard software, a Graphic Design Center and a complete printing and binding and finishing section. The curriculum is designed for highly motivated students who are interested in pursuing careers and further education in Multi-Media Design, Graphic Design and Commercial Graphic Design. The course covers the basic fundamentals of design, typography, and the many ways to print and present work. Students must exhibit excellent on-the-job work ethics including a conscientious attitude and self motivation.

Students are required to develop and maintain a portfolio of their work. Students will gain basic knowledge of graphic communication and will develop skills using traditional techniques and professional software. Some student projects will include but not limited to stationery, note pads, poster design, record package design, and book illustration. In addition, students will develop skills in photography, offset lithography, screen printing and pre-press operations.

In addition, students receive one hour of art instruction per week to develop basic drawing skills necessary for the graphics field.

Also, two hours per month is designated for specialized software training.

Salem County Academy of Graphic Design in Multi Media Technology II at PMHS:

Grade Level: 10 and 11-12

Prerequisite: a. Acceptance into the program by the Salem County
Career Academy

b. A minimum final average of 78% in GMT I

Duration: 400 minutes/week

Credits: 10

This academy is located in a nationally accredited facility containing layout and image editing computer stations, industry standard software, a Graphic Design Center and a complete printing and binding and finishing section. The curriculum is designed for highly motivated students who are interested in pursuing careers and further education in Multi-Media Design, graphic design and Commercial Graphic Design. Emphasis is placed upon computer generated applications and software in the graphic arts field. The course covers one year of study. Students must exhibit excellent on-the-job work ethics including a conscientious attitude and self motivation.

Students are required to develop and maintain a portfolio of their work. This portfolio may be used for college entrance requirements or potential job employment. Student projects will include, but not limited to, consumer package design, record package design, political poster design, quarter to full page advertisements, the study of typography, slide presentations, personal business cards, and book jacket design advanced page layout. Students will also develop skills and knowledge in continuous tone photography and digital imaging by using 35 mm camera and a digital camera. Students will also develop skills in offset lithography and screen printing.

In addition, students receive one hour of art instruction per week to develop basic drawing skills necessary for the graphics field.

Also, two hours per month is designated for specialized software training.

APPLIED TECHNOLOGY PROGRAM

Salem County Academy of Graphic Design in Multimedia Technology III at PMHS

Grade Level: 11-12

Prerequisite: a. Acceptance into the program by the Salem County
Career Academy
b. A minimum final average of 78% in GMT II

Duration: 400 minutes/week Credits: 10

Located in a nationally accredited facility containing desktop publishing computer stations, advanced software and a graphic design center. This course is designed for highly motivated students who are interested in pursuing careers and further education in multimedia design, desktop publishing, photography and/or video production. Emphasis is placed upon the photographic image produced by 35 mm camera, digitally or by video means. This course covers one year of study. Students must exhibit excellent on-the-job work ethics including a conscientious attitude and self-motivation.

Students are required to develop and maintain a professional portfolio and an end of the year gallery display of their work. This portfolio may be used for college entrance requirements or potential job employment. Student projects will include but not limited to magazine and catalog page layout design, photographic essays, promotional sales videos and an instructional or music video. In addition, multicolor printing and advanced pre-press skills are an important part of this school year. In addition, students receive one hour of art instruction per week to develop basic drawing skills necessary for the graphics field.

Salem County Academy of Graphic Design in Multimedia Technology IV at PMHS

Grade Level: 12

Prerequisite: a. Acceptance into the program by the
Salem County Career Academy
b. A minimum final average of 78% in GMT III

Duration: 400 minutes/week Credits: 10

Located in a national accredited facility, containing desktop publishing and image editing computer stations, advanced software and a Graphic Design Center. This curriculum is designed for highly motivated students who may be interested in pursuing careers and further education in multi-media design, commercial graphic design, photography, video production, or character animation. Students must exhibit excellent on-the-job work ethics including a conscience attitude and self motivation.

GMT IV is one year of study covering the following courses:

Course 1—Graphic Design Techniques—GMT IV

This course focuses on the tools, techniques, procedures, and presentations to produce professional graphic design. Further exploration in principals of design and layout, technique, typography and production emphasizing professional procedure is a core component. Creativity is encouraged through artistic applications as the core to all graphic designs resulting in the development of a professional portfolio.

Course 2—Digital Page and Media Graphics—GMT IV

This course explores making pages for both print and media environments. Proper manipulation of the appropriate software tools, terminology and theory of page layout and conceptual interpretation of digital programs is emphasized. Development of an understanding of the interfaces and differences between our environment and the products produced for them. Multiple page documents, media projects, publishing techniques, and typography incorporation are emphasized through technical proficiency and aesthetic judgments.

FAMILY & CONSUMER SCIENCE PROGRAM

Core Curriculum Content Standards

STANDARD 9.1 (Career & Technical Education) - All students will develop career awareness and planning, employability skills, and foundational knowledge necessary for success in the workplace.

STANDARD 9.2 (Consumer, Family & Life Skills) - All students will demonstrate critical life skills in order to be functional members of society.

PLEASE NOTE:

- **Students MUST successfully complete one year of Technology Education, Family & Consumer Science or Applied Technology in order to fulfill graduation requirements.**

Foods 1 - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

Foods 1 is an introductory foods course that helps the student recognize the many ways food plays an important part in their own experiences and in their health and well-being now and in their future. Students will relate good nutrition to good health through their understanding of the Food Guide Pyramid. The course also teaches the student the latest developments in food handling and preparation, equipment usage, and food technology. Laboratory experiences will include planning, preparation, and serving nutritious snacks and meals. When appropriate, laboratory exercises will provide experiences with food for holidays and special occasions. Careers related to foods and nutrition will be explored. This course requires on-the-job work ethics such as a conscientious attitude, co-operation, and self-motivation in a lab setting .

Foods 2 - Grade Level: 10-12

Prerequisite: A minimum final average of 78% in Foods I

Duration: 200 minutes/week

Credits: 5

Foods 2 is designed to teach students that food experiences can extend to the areas of recreation, creativity, and career opportunities. Laboratory experiences will develop skills in cooking creatively on a budget, gourmet techniques, preparing foods for special occasions. Students will gain an appreciation of our multicultural society by exploring the food habits of various nationalities and ethnic groups and preparing foods from selected groups. Regional cooking in the United States is also studied. This is a good course for the student who loves to work with food and who likes to try new and different dishes. The course requires on-the-job work ethics such as a conscientious attitude, co-operation, and self-motivation in a lab setting .

Foods/Life Skills

Prerequisite: Invitation only

Duration: 200 minutes/week

Credits: 5

Life Skills I is an introductory foods course that helps the student recognize the many ways food plays an important part in their own experiences and in their health and well-being now and in their future. Students will relate good nutrition to good health through their understanding of the Food Guide Pyramid. The course also teaches the student the latest developments in food handling and preparation, equipment usage, and food technology. Laboratory experiences will include planning, preparation, and serving nutritious snacks and meals. When appropriate,

FAMILY AND CONSUMER SCIENCE PROGRAM

laboratory exercises will provide experiences with food for holidays and special occasions. Careers related to foods and nutrition will be explored. This course requires on-the-job work ethics such as a conscientious attitude, co-operation, and self-motivation in a lab setting. **Restricted enrollment.**

Child Care & Development I - Grade Level: 9-12

Prerequisite: None

Duration: 200 minutes/week

Credits: 5

This course gives the student an opportunity to learn how to work with children in a teaching capacity and how to effectively teach young children in a positive way. As a teacher, the student will learn not only how to teach young children on their level, but how to influence their behavior, how to effectively discipline, and how to provide proper guidance and nurturing to maximize the development of young children.

The high school students will work one-on-one with a preschooler to assist development in the following areas: intellectual, emotional, social, motor coordination, sensory perception, problem solving, concept formation, language, living skills, and self-concept. The high school students will learn teaching strategies, how to write lesson plans, how to formulate goals and objectives for these lessons, and how to psychologically deal with children and teach on a child's level. Every day the preschoolers will receive lessons in arts and crafts, motor coordination and organized play, and cognitive development. Snacks will also be planned, prepared, and served by the high school students.

Careers related to the care and development of young children (day care, nursery schools, preschools, early childhood education, handicapped, guidance, and health and social fields) will also be explored.

Child Care & Development II - Grade Level: 10-12

Prerequisite: A minimum final average of 78%
in Child Care & Development I

Duration: 200 minutes/week

Credits: 5

Students will be encouraged to further develop and refine the skills and techniques learned in Child Care I. The students will learn more about the stages of physical, social and intellectual development of preschool children and its implications upon helping the young child learn and achieve.

The areas of development covered in Child Care I (intellectual, social emotional, motor coordination, sensory perception, problem solving, concept formation, language, living skills, and self-concepts) will be explored in more depth and detail. Emphasis will be placed on learning more teaching skills. The high school students will work one-on-one with a preschooler and will be involved in the planning of sequential activities which will reinforce previous lessons.

Further study into prompting responsible behavior, the art of self-discipline, and career exploration will be stressed.

SPECIAL EDUCATION PROGRAM

ENGLISH

Two pull-out English classes are offered within the special education department: a Behavior Disabilities program for students who require additional social/emotional supports and a Resource Center program for those students who require additional academic supports. The instruction in these classes parallels, to a large extent, the English courses taught in the general education curriculum.

Students will work toward expanding their vocabulary, reading comprehension, written and spoken communication abilities. They will be exposed to various forms of literature with a special emphasis on the short story and novel. Students will learn how to identify key elements of plot, theme, setting and mood. Enhancing students' abilities to write for different audiences is also a main goal of the Resource Center English classes. Students will be required to write short stories, essays and a research paper correctly applying the rules of grammar, word usage, capitalization and punctuation. In addition, an emphasis will be placed on addressing the HSPA competencies.

LIFE SKILLS ENGLISH

Students assigned to the Resource Center Life Skills English course within the special education department require more intensive skill development within the language arts spectrum than found in the curriculum design of the Resource Center English program. The focus of this program is to enhance students reading, reference and oral and written communication skills. Emphasis is placed on every day life functioning. To assist students to gain the knowledge and understanding of the content material, instruction and assessments are designed to meet the learning levels and learning styles of the students.

ADAPTIVE PHYSICAL EDUCATION

The Adaptive Physical Education program will seek to develop the student's self control, self confidence, sportsmanship, respect for others, as well as a knowledge of basic motor skills and movements. The student will learn strategies which enhance performance levels and gain a general appreciation for physical fitness.

SCIENCE

Two pull-out Science classes are offered within the special education department: a Behavior Disabilities program for students who require additional social/emotional supports and a Resource Center program for those students who require additional academic supports. (The science courses parallel the general education courses of Physical/Earth Science, Biology, and Chemistry.) These courses offer a broad overview of the theories and skills needed by an individual to be scientifically literate in the 21st century. To assist students to gain the knowledge and understanding of the content material offered in each of the courses taught, instruction and assessment will be designed to meet the learning levels and learning styles of the students. A single course of study is offered every year on a rotating basis.

LIFE SKILLS SCIENCE

Students assigned to the Resource Center Life Skills Science course within the special education department require more intensive skill development with regard to science than found in the curriculum design of the Resource Center Science program. The program is designed to teach basic science skills in the areas of Biology, Earth Science, Physical Science, and Chemistry through a wide variety of

SPECIAL EDUCATION PROGRAM

experiences including hands-on experiments, demonstrations, discussions, lab activities, class notes, cooperative learning, and technology. To assist students to gain the knowledge and understanding of the content material, instruction and assessment will be designed to meet the learning levels and learning styles of the students.

SOCIAL STUDIES

Two pull-out Social Studies classes are offered within the special education department: a Behavior Disabilities program for students who require additional social/emotional supports and a Resource Center program for those students who require additional academic supports. The social studies courses parallel the required courses of study taught in the general education program. To assist students to gain the knowledge and understanding of the content material offered in each of the courses taught, instruction and assessment will be designed to meet the learning levels and learning styles of the students. A single course of study is offered every year on a rotating basis. The courses are as follows:

World History: The major thrust of this course is to provide students with an insight into some of the world's major culture areas. Students will study how the manner of life in each of the areas studied reflects the values of that society. In addition, a mini study of world geography is included in this course of study.

U.S. History I: Survey United States History I includes a review of the time period ranging from the "Roots of the American Colonies" up to the Constitution, and continues with in depth study through the Development of the West to the Turn of the Century, 1900.

U.S. History II: This course deals with the people and events beginning with the year 1900 to present day.

LIFE SKILLS SOCIAL STUDIES

Students assigned to the Resource Center Life Skills Social Studies course within the special education department require more intensive skill development with regard to social studies than found in the curriculum design of the Resource Center Social Studies program. The program is designed to provide students with basic knowledge and skills in world cultures, geography, civics, and history so they can become responsible citizens and contributing members of their communities. To assist students to gain the knowledge and understanding of the content material, instruction and assessments are designed to meet the learning levels and learning styles of the students.

MATHEMATICS

Two pull-out Math classes are offered within the special education department: a Behavior Disabilities program for students who require additional social/emotional supports and a Resource Center program for those students who require additional academic supports. The mathematics courses incorporate components of the general education courses of Interactive Algebra and Interactive Geometry. The course is centered on interwoven content themes of applied arithmetic, pre-algebra and pre-geometry. Emphasis is placed on how these operations are used in the real world. HSPA competencies are addressed. To assist students to gain the knowledge and understanding of the content material, instruction and assessments are designed to meet the learning levels and learning styles of the students.

SPECIAL EDUCATION PROGRAM

LIFE SKILLS MATHEMATICS

Students assigned to the Resource Center Life Skills Mathematics course within the special education department require more intensive skill development with regard to mathematics than found in the curriculum design of the Resource Center Mathematics program. The focus of the course includes but is not limited to the enhancement of students' knowledge and understanding of services provided by banks and other lending institutions and credit cards, the computation and concepts involved in paychecks, budgets and money handling. To assist students to gain the knowledge and understanding of the content material, instruction and assessments are designed to meet the learning levels and learning styles of the students

ALGEBRA

This course deals with the fundamentals of Algebra in providing enforcement of math operations and number properties. This class is designed for those students who have attended RC math programs to prepare them for the End of Course Algebra state assessment needed in order to graduate. **Restricted enrollment-seniors only.**

SPANISH

This course is designed for communication at a basic literacy level in Spanish. Students will be able to demonstrate an understanding of the interrelationship between the language and the culture. This course is for students who need a slower paced learning environment.

COMPUTER BASICS & LANGUAGE

Students taking this class will learn computer language and basic practical computer skills that will assist them in their daily living. These skills will include the following: computer terminology, keyboarding, word processing, letter writing, researching, and using software applications. In addition, students will use Spanish language software in order to learn basic Spanish. **Restricted enrollment.**

TRANSITION

This course of study is offered to students in the eleventh or twelfth grades. The primary focus of this program is to assist students to prepare for a successful transition from school to work. Instruction will be provided in areas that include but are not limited to assist students to enhance their knowledge and ability to prepare for a career, seek a job, prepare for an interview, sustain a job, and advocate for ones self. Consumer skills will also be emphasized in this course. **Restricted enrollment.**

STUDY SKILLS (9th grade)

The 9th grade study skills class is designed to assist classified students as they transition to the high school. Students will receive assistance in basic study skills including organization, outlining, problem-solving, and independence. Reinforcement of previously taught material as well as homework help will also be available for students who need this accommodation. **Restricted enrollment.**

SPECIAL EDUCATION PROGRAM

STUDY SKILLS 2 (10th grade)

This course is designed for 10th graders who receive instruction in regular education classes but need additional reinforcement of previously taught material and homework. Students will also receive instruction in study skills including organization, outlining, problem-solving, and independence. **Restricted enrollment.**

STUDY SKILLS 3 (11th grade)

This course is designed for 11th graders who receive instruction in regular education classes but need additional reinforcement of previously taught material and homework. Students will also receive instruction in study skills including organization, outlining, problem-solving, and independence. **Restricted enrollment.**

CAREER EDUCATION/INDEPENDENT LIFE SKILLS

This course is designed as a 10 credit course for those students who require more hands-on experiences in acquiring essential skills for everyday life. The course will involve career education, job shadowing, and prevocational training. Independent life skills will also be stressed in all areas of development **Restricted enrollment.**

**SALEM COUNTY CAREER AND TECHNICAL
HIGH SCHOOL**

Box 350, Salem-Woodstown Road
Woodstown, NJ 08098
769-0101 Ext 374

Students in Salem County are offered the opportunity of attending the Career and Technical High School, on a half-day basis in order to receive specific vocational training. During the other half of the school day, students attend their home high school for their English, physical education, health, driver's education and history courses. A student will receive twenty-one (21) credits per year of attendance at the vocational schools. Students may enroll in a vocational program for their junior and senior years of high school.

<u>Course/Program</u>	<u>AM</u>	<u>PM</u>
AIR FORCE JUNIOR ROTC	First Year	Second Year
ALLIED HEALTH PROFESSIONS	“	“
AUTO COLLISION REPAIR TECHNOLOGY	“	“
AUTOMOTIVE TECHNOLOGY	”	“
CHILD CARE/EARLY CHILDHOOD EDU.	“	“
COMPUTER ASSISTED DESIGN & DRAFTING	“	”
CONSTRUCTION TECHNOLOGY	“	“
COSMETOLOGY	“	“
CULINARY ARTS	“	“
ELECTRICAL TECHNOLOGY	”	”
GRAPHICS TECHNOLOGY	“	“
INFORMATION TECHNOLOGY	“	“
Computer & Hardware & Software		
LAW ENFORCEMENT	“	“
WELDING	”	”

ACADEMY OF BIOLOGICAL & MEDICAL SCIENCES
 ACADEMY OF COMMUNICATION & INFORMATION TECHNOLOGY at
 Woodstown
 ACADEMY OF CREATIVE & PERFORMING ARTS
 Major: Orchestral/Instrumental at Pennsville
 Major: Vocal Music at Pennsville
 Major: Dance at Schalick
 Major: Drama at Schalick
 Major: Visual Arts at Schalick
 ACADEMY OF CULINARY ARTS & FOOD SCIENCE
 ACADEMY OF ENERGY APPLICATIONS
 ACADEMY OF ENGINEERING & TECHNOLOGY at Penns Grove
 ACADEMY OF GRAPHIC DESIGN IN MULTI-MEDIA TECHNOLOGY at
 Pennsville

NOTE: Pennsville students enrolled in any Salem County Career and Technical High School “Full-Day” Program or Academy will not be permitted to drop the Full Day Program or Academy and return to PMHS after the last school day in September, due to PMHS graduation requirements.

**SALEM COUNTY CAREER AND TECHNICAL
HIGH SCHOOL COURSES**

AIR FORCE JUNIOR ROTC

Shared-time students can take Air Force Junior ROTC (AFJROTC) as a career program. AFJROTC offers positive role models, a place to belong, excel and be rewarded. Students will learn the important values of citizenship, self-esteem, integrity, and service to the community, self-discipline and responsibility. The AFJROTC curriculum is a balance of aerospace science and leadership training. Cadets will participate in some physical education activities, which can count as Physical Education credit. Topics covered include: the heritage of flight, the development of airpower, contemporary civilian and military aviation, weather, flight physiology, principles of flight, propulsion, and navigation. Another semester is dedicated to the exploration of space, military customs and courtesies, basic drill, human relations, and management and communication skills.

ALLIED HEALTH PROFESSIONALS

The Allied Health Professionals curriculum provides students with a wide range of career option opportunities in the health and medical technology fields. Students entering this program must take certain required core technical courses and may enroll in specialized courses dependent upon both their ability and interest. The basic curriculum is designed as a two-year program, but may also be taken over a three-year period for students who pursue all course options. Dependent upon the options selected, the program provides the opportunity to prepare for immediate employment and for further education that will eventually lead to employment in the health and medical care industry.

The program design provides course options for both secondary and postsecondary students. These options include: Phlebotomy, Emergency Room Technician, General Health Care Worker, Nursing Assistant, Restorative Care, Unlicensed Assistive Personnel/Medical Assistant, EKG Technician, CPR/First Aid, CPR for EMS Workers and Introduction to EMS/Rescue. Preparatory courses include Medical Technology, Anatomy and Physiology I and II, Psychology and a general exposure to health and medical occupations. The Emergency Management course option is designed to assist students who are pursuing careers in EMS, fire, hazardous materials management and similar fields.

AUTO COLLISION REPAIR TECHNOLOGY

Students learn the identification, construction, removal, replacement and repair of all automobile body parts, glass and upholstery. Classes challenge students and prepare them for the competitive, expanding careers in the automotive industry. This is accomplished through a variety of courses listed below. After completion of this program, graduates are employed as technicians, painters, and apprentices throughout the county.

AUTOMOTIVE TECHNOLOGY

Automotive Technology students learn how to maintain, diagnose and repair engines, automatic and manual transmissions, suspensions, wheel alignment, power steering systems, brakes, emission control systems, fuel systems, electrical, heating and air conditioning systems

Engine performance testing is part of this Automotive Service Excellence (ASE) Certified program. Training also includes the safe removal and recycling of hazardous materials.

SALEM COUNTY CAREER AND TECHNICAL
HIGH SCHOOL COURSES

CHILD CARE/EARLY CHILDHOOD EDUCATION

Training includes early childhood development, child activity planning and implementation, behavior management and guidance skills, nutrition and parenting skills and laboratory participation in an on-site day care center. Clinical experience is also provided in a special needs classroom setting.

Day care guidelines set by the state Division of Youth and Family Services (DYFS) are followed for a safe and healthy environment.

COMPUTER ASSISTED DESIGN & DRAFTING

Students will acquire drafting and design skills in machine, architectural, electrical, piping, HVAC and civil disciplines on state-of-the-art computer drafting stations and manual equipment. This program is offered as a full-time option, where interested students can enter the program in the ninth grade.

CONSTRUCTION TECHNOLOGY

Construction Technology is a two-year program. During the first year, students are introduced to the process that is used to accomplish the construction of a house. Since the house is a logical building to start with, it is used as the nucleus. It is used as an example of how the building progresses from the time of conception until the time that a certificate of occupancy is issued.

Construction Technology is a combination of masonry, carpentry, electric and plumbing, with the most emphasis being placed on carpentry.

COSMETOLOGY

Cosmetology Students learn how to wash, cut, curl and style all types of hair. Advanced training includes permanent waving, chemical relaxing and hair coloring. Makeup application, skin care, manicures, barbering and shaving are also taught.

Experienced second year students are afforded clinical experience that starts in November and runs through April. Upon completion of the program, students are prepared and expected to take the State Board Examination for licensure.

CULINARY ARTS

Culinary Arts students are provided with an overview of the commercial food industry covering career opportunities from basic kitchen helpers to working chefs. Students learn front and back-of-the-house operations by planning, preparing and serving daily meals.

Also covered in the program are gourmet cooking, buffet preparation, competitions, and catering functions. Seniors will be given the opportunity to take CPR, OSHA training and accredited Food Service Sanitation Programs.

ELECTRICAL TECHNOLOGY

Electrical Technology students acquire skills and knowledge in industrial, residential and commercial wiring through hands-on experience along with electrical theory.

Training includes use of hand and power tools, precision measuring instruments, diagnostic equipment and blueprint reading. Qualified graduates may receive credit for registered apprenticeship programs through electrical contractors and local unions and college preparation for electrical engineering.

SALEM COUNTY CAREER & TECHNICAL HIGH SCHOOL
FULL TIME ACADEMY PROGRAMS

GRAPHICS TECHNOLOGY

The Graphics Technology program introduces students to the perpetually evolving software industry. The graphics sub-option courses begin with a foundation in graphics and image editing. The web design sub-option courses give students an introduction to the concepts and techniques used in designing, creating, and publishing a website using a variety of software programs. Students learn how to integrate advanced graphics and effects into their websites in the advanced courses.

Many career choices are available to the successful graduate of this program. Those career choices include: Microsoft Office Specialist (MCDST / MCSA), Printing /Graphics Technician, Certified Webmaster, Web Development Assistant, among others. Many graduates go on to further educational opportunities at colleges and technical schools.

INFORMATION TECHNOLOGY
COMPUTER HARDWARE & SOFTWARE

The Information Technology Computer and Hardware Systems program provides students with the skills necessary to maintain personal computers in a networked environment. Students how to design and install voice, data communications, and video systems in a wire or wireless network. Students prepare for A+ certification exam to succeed in the PC Repair and Network industry. Introduction to Wireless Technology is included to keep students up-to-date with current changes in the industry.

Microsoft Certified System Engineers are highly sought after in the Information Technology industry. Career choices include: network technician, server operator, software operator, LAN specialist, remote access administrator, cable network technician, corporate help desk, application and product specialist, among others. Students who successfully complete the program may be eligible for an apprenticeship in the Computer and Hardware Systems Technology field.

LAW ENFORCEMENT/PUBLIC SAFETY

Law Enforcement students are taught criminology, occupational safety and health, fire fighting, emergency management and emergency medical technology. This is a college prep program for law enforcement and public administration. This program offers a full-time option, where students can begin the program in the ninth grade.

WELDING

Students develop skills in a variety of areas such as shielded metal arc, tungsten inert gas (TIG), metal inert gas (MIG) and oxyfuel welding techniques.

Through the use of blueprints and development of layout procedures, students learn to make multi-positional, high quality welds on a variety of metals. Occupations available to graduates include welder's apprentice, flame cutter, pipe and metal fabricators.

**SALEM COUNTY CAREER & TECHNICAL HIGH SCHOOL
FULL TIME ACADEMY PROGRAMS**

**ACADEMY OF BIOLOGICAL AND MEDICAL SCIENCES
AT SCVTHS**

The Salem County Academy of Biological and Medical Sciences is a collaborative program offered by the Salem County Vocational Technical Schools in cooperation with the county education community. This venture provides a continuous program of biological and environmental sciences education for students in grades 9-12. The applied biological and environmental curriculum is centered on college preparatory level courses that integrate applied mathematics and laboratory sciences with computer technology.

The program is designed for the serious-minded student. It is the intent of this program to instill solid work ethics and work attitude skills that will provide them the discipline needed to be successful in this area of study. This program of study will prepare its graduates to deal with the complex biological and environment problems that confront society. The program stresses the study of biological and environmental processes, basic problem-solving skills and orients the student in the available testing techniques.

The curriculum emphasizes the basic understanding combined with the depth in specific areas related to environmental issues. The program stresses the study of the environmental processes and the acquisition of skills that will be useful in determining careers in the environmental field. Concentration of study will be on environmental issues, environmental legislation, environmental applications, and the ecology of New Jersey.

Instructional methods include lectures, laboratory work, field trips, guest speakers, and group discussions and interactions, as well as, audio-visual aids and computer software.

**ACADEMY OF COMMUNICATIONS & INFORMATION TECHNOLOGY AT
WOODSTOWN**

This Academy hosted at Woodstown High School introduces 9-12 grade students to the world of mass communications. Students will study different aspects of journalism and mass media through theory and hands-on application. The students will learn and work with new technologies associated with television, radio and video production. The curriculum also includes information on other fields of communication including public relations, advertising, law and writing.

SALEM COUNTY CAREER & TECHNICAL HIGH SCHOOL
FULL TIME ACADEMY PROGRAMS

ACADEMY OF PERFORMING ARTS
AT PENNSVILLE

Major: Orchestral / Instrumental

The Academy of Creative Arts hosted at Pennsville Memorial High School will represent a "school within a school." The Academy, while hosted at Pennsville Memorial High School, will be treated as its own entity and students participating in this program will be enrolled as students in the Salem County Arts, Science and Technology High School. The core arts component will be in Instrumental Music.

The faculty will work in collaborative mode to develop and deliver an appropriate and integrated schedule of daily learning activities. The academic standards will reflect the New Jersey Core Curriculum Content Standards, as well as academic requirements for admission to competitive colleges and universities.

Students participating in the academy will receive a private/small group lesson. It is assumed that all students participating in the Academy will be serious college bound music majors. An audition is required.

Major: Vocal Music

The Academy of Creative Arts, hosted at Pennsville Memorial High School, will represent a "school within a school." The academy, while hosted at Pennsville Memorial High School, will be treated in its own entity and students participating in this program will be enrolled in the Salem County Arts, Science and Technology High School. The core arts component will focus on Vocal Music.

The faculty will work in collaborative mode to develop and deliver an appropriate and integrated schedule of daily learning activities. The academic standards will reflect the New Jersey Core Curriculum Content Standards, as well as academic requirements for admission to competitive colleges and universities.

Students participating in the academy will receive a private/small group lesson. It is assumed that all students participating in the Academy will be serious college bound music majors. An audition is required.

ACADEMY OF CREATIVE ARTS
AT SCHALICK HIGH SCHOOL

Major: Dance

The Academy of Creative Arts will be hosted at Schalick High School. This program is designed for the serious-minded individual who wishes to explore their artistic discipline fully. Its goal is to introduce students to a variety of dance disciplines and equip them with a high degree of technical proficiency in at least one of those disciplines. It is our intent to instill a solid work ethic (sense of professionalism) in our students and provide them with the business acumen and scientific base of knowledge necessary for success in the field.

In addition, students will gain a basic understanding of the historical development of dance, be able to present analysis of works of art from structural, historical and cultural perspective and build an awareness of the strong links between the fine arts, music, theatre and dance. Through application and demonstration of critical and creative thinking skills, students will be able to establish a set of aesthetic criteria with which to evaluate their own work and share in the artistic endeavors of others.

Finally, they will have the opportunity to come to an understanding of how dance may be used to create and communicate meaning.

**ACADEMY OF CREATIVE ARTS
AT SCHALICK HIGH SCHOOL**

Major: Drama

The Academy of Creative Arts drama major will be hosted at Schalick High School. This Academy will also be a “school within a school.” The Academy, while hosted at Schalick High School, will be treated in its own entity and students participating in this program will be enrolled in the Salem County Arts, Science and Technology High School. The core arts component will focus on drama.

The faculty will work in a collaborative mode to develop and deliver sequential course content and integrated applied academics that relate directly to the core arts area. Academic standards will reflect the New Jersey Core Curriculum Content Standards, as well as academic requirements for admission to competitive colleges and universities.

Students participating in the Academy will become versed in the literature, language of the theatre, gain practical understanding in scripts and be exposed to the various aspects of technical theatre including lighting, sound design, set design, costume design, construction design, and front of the house operations.

This program is designed for the serious minded individual who wishes to explore their artistic discipline fully. Students will be provided skills and proficiency in the areas of theatrical production and required disciplines (professionalism) necessary to be successful in this field. An audition is required

Major: Visual Arts

The Academy of Creative Arts, hosted at Schalick High School, represents a “school within a school.” The Academy, while hosted at Schalick High School, will be treated in its own entity and students participating in this program will be enrolled in the Salem County Arts, Science and Technology High School. The core arts component will be Visual Arts.

The faculty will work in a collaborative mode to develop and deliver sequential course content and integrated applied academics that relate directly to the core arts areas, as applicable. The academic standards will reflect the New Jersey Core Curriculum Content Standards, as well as academic requirements for admission to competitive colleges and universities.

Academy of Culinary Arts and Food Science

The Culinary Arts and Food Science program prepares students for a career or college major in one of the fastest growing industries today. Students have complete access to a fully equipped, state-of-the-art kitchen facility, where they experience a full-scale culinary operation. After completing the courses of study, students are able to make several soups and sauces, a variety of salads, entrees, and desserts. The district employs culinary arts students during the school year to prepare and serve breakfast, lunch, and dinner functions held at the school. In addition to learning culinary arts, students will study food science. Students will take classes in food processing, food chemistry and food biology.

Academy for Energy Applications

The Academy for Energy Applications is offered through the Salem county Vocational Technical Schools in partnership with Atlantic City Electric, PSEG Nuclear and South Jersey Gas. The academy, hosted at the Career and Technical High School, is available to high school students in Salem county. The curriculum for the academy program focuses on hands-on and laboratory learning experiences in the fields of energy, power generation, distribution, and utility technologies. Students will also study the variety of scientific, mathematical, and communication skills necessary to support the hands-on learning experiences. The academy offers college credits, at no cost to the student, towards an associate’s degree at Salem Community College.

CAREER ORIENTATION PROGRAM

The Career Orientation program is designed to serve students with special needs to successfully complete a two year shared-time career and technical education program over the course of four years. Students are expected to demonstrate adequate progress in both the hands-on and essential skills components of the program. The Career Orientation cluster classes introduce students to several career pathways.

Trade and Industry Career Cluster

Students in this cluster will have the opportunity to pursue hands-on learning experiences designed to provide an awareness of the conditions and skills that are required for success in career paths related to the district's Automotive Technology, Auto Collision Repair Technology, Construction Technology, Electrical Technology, and Welding Technology programs. Students will learn about these programs through basic hands-on experiences.

Hospitality and Human Service Career Cluster

Students in this career cluster will be exposed to hands-on opportunities related to the Allied Health Professionals, Child Care and Early Childhood Education, Cosmetology, and Culinary Arts and Food Science programs. Students will be exposed to these careers through hands-on experiences designed to provide students an awareness of the conditions and skills that are required for success in each of these career paths.

Information and Design Career Cluster

This course provides students with an opportunity to explore the Computer Assisted Design and Drafting, Graphic Communications Technology, and Information Technology programs. The focus of the learning experiences will be through hands-on opportunities designed to provide students an awareness of the conditions and skills that are required for success in each of these career paths.

Essential Academic and Social Skills Cluster

This course supports students to obtain the essential or basic skills they often lack to succeed in a career and technical education program. Students will receive supplemental preparation for the New Jersey High School Proficiency Assessment and have the opportunity to acquire credits as may be appropriate in either Language Arts or Mathematics. Students will also participate in a Leadership Training segment, which will introduce them to the Air Force Junior ROTC and Law Enforcement and Public Safety programs and give them organizational and leadership skills they need to be successful.

Program Outcome

Students who are successful in the Career Orientation program will have received specialized training, which will enhance job skills, life skills, study skills, and critical thinking skills. These are essential skills needed by everyone to provide lifelong learning opportunities for the purpose of improving the quality of life, for further education, and for employment. Successful students will transition into two blocks of a career and technical education program after the second year of the Career Orientation Program.

SALEM COUNTY CAREER & TECHNICAL HIGH SCHOOL
FULL TIME ACADEMY PROGRAMS

ACADEMY OF ENGINEERING & TECHNOLOGY AT PENNS GROVE

The Salem County Academy of Chemical Engineering Technology is located at Penns Grove High School. The program design provides a small nurturing, student-centered environment for young people who are talented and truly interested in the chemical sciences, technology and engineering. The focus of the program is to prepare students for life-long learning as responsible, creative, problem-solving adults. The Salem County Academy of Chemical Engineering Technology is a collaborative program offered by the Salem County Vocational Technical Schools in partnership with the Penns Grove/Carneys Point Regional School District; the Salem County education community and the chemical industry. This program offers a rigorous curriculum in chemical sciences and engineering education for students in grades nine through twelve. It is designed to provide a career pathway to further education in the engineering sciences.

The chemical technology curriculum is centered on college preparatory, honors and AP level courses that integrate applied academics and the sciences with computer technology. The chem-tech science laboratory has been redesigned utilizing state-of-the-art technology that includes laboratory equipment that meets the latest industry standards. The program is also linked to the Salem Community College, Rowan University and New Jersey Institute of Technology for pre-engineering education. Students are provided with Internet access through networked computers at the county vocational technology school, host school and community college.

Specialized science courses include Introduction to Science Technology; Accelerated Physics; Accelerated Chemistry; Accelerated Biology; AP Physics, and AP Chemistry. The mathematics requirements include Algebra II, Trig/Pre-Calculus, AP Calculus, and Geometry. Specialized courses include Mechanical/Computer Aided Drafting; Engineering Clinic I and II; Technical Writing and Accelerated Computer Programming. This program also offers a work place learning component that is designed to provide students with the opportunity to apply core technical skills and science and mathematics skills in a real world environment. The program is project-oriented and students travel as a cohort group as part of a coordinated learning experience.

The Salem County Vocational Technical School District's Academy of Chemical Engineering Technology signed an articulation agreement with Rowan University. A student who scores at least 1200 and graduates in the top 20 percent of the class with a minimum GPA of 3.0 will gain automatic acceptance into Rowan University's College of Engineering. This portfolio will be used for college entrance requirements or potential job employment. Student projects will include, but not be limited to, consumer package design, record package design, political poster design, quarter to full page advertisements, the study of typography, slide presentations, personal business cards and book jacket design. In addition, students will develop skills in darkroom procedures, offset lithography and screen-printing.

SALEM COUNTY CAREER & TECHNICAL HIGH SCHOOL
FULL TIME ACADEMY PROGRAMS

ACADEMY OF GRAPHIC DESIGN IN MULTI-MEDIA TECHNOLOGY
AT PENNSVILLE

This academy is located at Pennsville Memorial High School in a state-of-the-art facility containing desktop publishing computer stations, advanced software and a Graphic Design Center.

The curriculum is designed for highly motivated students who are interested in pursuing careers and further education in multi-media design, desktop publishing and commercial graphic design. Emphasis is placed on computer-generated applications and software in the arts field.

Students are required to develop and maintain a professional portfolio of their year's work. This portfolio will be used for college entrance requirements or potential job employment. Student projects will include, but not be limited to, consumer package design, record package design, political poster design, quarter to full page advertisements, the study of typography, slide presentations, personal business cards and book jacket design. In addition, students will develop skills in darkroom procedures, offset lithography and screen-printing.

PENNSVILLE SCHOOL DISTRICT
2009-2010
SCHOOL YEAR
(856) 540-6200
www.psdnet.org

CONTACT INFORMATION

Counseling Staff and Assignments	Phone Extensions
Mrs. Colna - Class of 2010 & Class of 2013 (R-Z) *	2177
Mrs. Gerstein - Class of 2012 & Class of 2013(A-F) *	2168
Mr. Grasso - Class of 2011 & Class of 2013 (G-Q)*	2110
Child Study Team Case Managers	
Dr. Rita Bennett, School Psychologist	1131
Ms. Alicia Chiardonna, School Social Worker	1121
Mrs. Karen Driscoll, Learning Consultant	1120
Department Supervisors	
Ms. Robin Bunch, Guidance Director	2111
Mr. Warren Gardner, Related Arts Supervisor	3106
Ms. Julia Walls, Math & Science Supervisor	1144
Mr. Jamison Thomas, Athletics, Phys Ed/Health	2107
Ms. Ann Murphy, Special Education	1122

If students and/or parents have questions regarding courses, course prerequisites, scheduling, etc., please contact your counselor and/or case manager.

Incoming freshmen should contact Ms. Bunch during the summer for any scheduling questions. **(Current 8th grade students and parents should contact Middle School counselors with any questions regarding courses at PMHS prior to summer months.)**

* During the 2010-2011 school year, Mrs. Colna will be the counselor for the class of 2013. The class of 2014 will be divided among the three counselors.

