

PENNS GROVE HIGH SCHOOL



PROGRAM OF STUDIES

2016-2017



MESSAGE FROM THE PRINCIPAL

Dear Students and Parents,

This program of studies has been prepared for the purpose of providing students and their parents with an overview of both general information about the programs available and the many courses offered at Penns Grove High School.

The Penns Grove-Carneys Point Regional High School Board of Education recognizes that Penns Grove High School serves a diverse student population with varying skills, abilities, interests, educational and career goals. As illustrated by the range of educational opportunities presented in this program of studies, the district is committed to a program that will meet the individual needs of all students. Through the selection of an appropriate program of studies, it is our goal that all students be successful in attaining both a general educational background and specialized preparation.

The district provides counseling services to support students, in consultation with their parents, to choose the appropriate course offerings relative to their academic backgrounds and their plans for future educational or vocational endeavors. All questions concerning curricular options should be directed to our counselors.

Sincerely,

Jocelyn Brown

Jocelyn Brown, Ed. D.
Principal

Penns Grove High School

PROGRAM OF STUDIES

2016-2017

Principal

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Assistant Principal

Mr. Juan Arbelaez

Assistant Principal/Athletic Director

Mr. Christopher Castner

Counselors

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Ms. Amanda Parisi – 9-12, A-L

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Ms. Denise Johnson

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Superintendent of Schools

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Board Secretary

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PROGRAM OF STUDIES

<u>Program</u>	<u>Grade</u>	<u>Course</u>	<u>Credits</u>
<u>Technology</u>	9,10,11,12	Audio Recording 1	5
	9,10,11,12	Audio Recording 2	5
	9,10,11,12	Digital Art	5
	9,10,11,12	Multi Media Design	5
	9,10,11,12	Visual Communications I	5
	10,11,12	Visual Communications 2	5
	9,10,11,12	Woodworking Technology 1	5
	10,11,12	Woodworking Technology 2	5
	11,12	Woodworking Technology 3	5
	12	Woodworking Technology 4	5
<u>English</u>	9	English 9	5
	*9	Honors English 9	5
	10	English 10	5
	*10	Honors English 10	5
	11	English 11	5
	*11	Honors English 11	5
	*11	Advanced Placement English Lang & Comp	5
	12	English 12	5
	*12	Advanced Placement English Lit & Comp	5
	9,10	English A Labs	2.5
	9,10	English B Labs	2.5
	9,10,11,12	High Intensity ESL	5
	9,10,11,12	Creative Writing	2.5
	9,10,11,12	Mythology	2.5
	<u>Mathematics</u>	9	Algebra 1
9,10,11,12		Geometry	5
9, 10,11,12		Algebra 2	5
9		Honors Algebra 1	5
10,11,12		Honors Algebra 2	5
11,12		Probability and Statistics	5
10,11,12		Pre-Calculus	5
*11,12		Advanced Placement Calculus AB	5
*12		Advanced Placement Calculus BC	5
9,10		Math Labs 9-10A	2.5
9,10		Math Labs 9-10B	2.5
11,12		Math Labs 11-12	2.5
<u>Science</u>		9,10	Biology
	9,10	Honors Biology	5
	10,11,12	Chemistry	5
	10,11,12	Honors Chemistry	5
	9,10,11,12	Physics	5

9, 10, 11, 12	Advanced Placement Physics	5
11,12	Environmental Science	5
9,10,11,12	Introduction to Agriscience	5
9,10,11,12	Botany	5
9,10,11,12	Animal Science	5
11,12	Landscape Design	5
*11,1,12	Advanced Placement Chemistry	10
*11,12	Advanced Placement Biology	10

Physical Education

9	Physical Education	2.5
10	Physical Education	2.5
11	Physical Education	2.5
12	Physical Education	2.5

Health and Family Life Education

9	Health & Family Life	2.5
10	Driver Education	2.5
11	Health & Family Life	2.5
12	Health & Family Life	2.5

Social Studies

9	World History	5
10,11,12	U.S. History 1	5
11,12	U.S. History 2	5
11,12	Financial Literacy	2.5
10,11,12	Advanced Placement U.S. History	10

Art

9, 10,11,12	Art 1	2.5
9, 10,11,12	Art 2	2.5
10,11,12	Art 3 Studio	2.5
9,10,11,12	Stage Craft	2.5
9,10,11,12	Basic Drawing	2.5
10,11,12	Advanced Drawing	2.5

Foreign Languages

9,10,11,12	Spanish 1	5
9, 10,11,12	Spanish 2	5
10, *11, *12	Spanish 3	5
*11, *12	Spanish 4	5
9, 10, 11, 12	French 1	5
9, 10, 11, 12	French 2	5

Music

9,10,11,12	Concert Band	5
9,10,11,12	Music Theory I	2.5
9,10,11,12	Music Theory 2	2.5
9,10,11,12	Concert Choir	5
9,10,11,12	Musical Theater Workshop	2.5
9,10,11,12	Music Appreciation	2.5

	9,10,11,12	Music History	2.5
Theatre	9,10,11,12	Introduction to Theater	2.5
	9,10,11,12	Theater, Literature, History & Culture	2.5
	9,10,11,12	Playwriting	2.5
	9,10,11,12	Acting	2.5

Academy of Engineering & Technologies Only

Academy students enrolled in courses offered at SCC and Rowan University receive dual credit. In addition academy students are awarded dual credit for all AP science and math courses. Colleges normally award 3 college credits for each dual credit course. College institutions are solely responsible for the awarding of college credits.

COLLEGE PREPARATORY

Students planning to further their education beyond high school in a four or two-year college program must be aware of the additional admission requirements of the various institutions of higher learning. Colleges recommend that applicants carry a challenging academic schedule for four years and should include the following as a minimum as well as all State of New Jersey required courses.

English	4 years
World History	1 year
U.S. History	2 years
Financial Literacy	1/2 year
Mathematics	3-4 years
Foreign Language	2-4 years
Science	3-4 years
Physical Education/Health	4 years
Fine, Visual or Performing Arts	1 year
Electives (5 credits each)	A minimum of five courses should be chosen
21 st Century Life & Career	1 year

AP COURSES

Students interested in taking a college level course, which may lead to college credit, are encouraged to take AP courses. Students who wish to take AP Biology are encouraged to take Honors Biology, Honors Chemistry, and Physics before taking AP Biology in their JUNIOR or SENIOR year. Students wishing to take AP Chemistry are encouraged to take Honors Biology, Honors Chemistry, Physics and Algebra 2 before taking AP Chemistry in their SENIOR year.

Students wishing to take AP calculus are required to take Algebra 1 & 2, Geometry, and Pre-Calculus before taking AP Calculus in their junior or senior year.

Students who want to take AP English are encouraged to take Honors English 9, 10, and 11.

PASS/FAIL SENIOR OPTION

Seniors may qualify to take elective courses on a pass/fail basis. To qualify the following conditions must be met:

1. Senior students who have a 100.00 numerical average or higher may take any elective course during their senior year on a Pass/Fail basis.

2. Eligible students must inform their guidance counselor that they wish to select the Pass/Fail option no later than 5 days after the start of the class.
3. An elective class is defined as any class, which is not required to meet local or state graduation requirements.
4. Once a student selects the Pass/Fail option for a course, it will remain in effect for the length of the course and will not be changed.

WEIGHTED CLASS RANK

In order to place more “weight” on Honors and Advanced Courses in Penns Grove High School, the following procedure shall be utilized to determine class rank for the high school students:

1. Rank in class is the position of any one student in a class in relationship to all other students in the class based upon a computed cumulative average carried to four decimal places and rounded to three.
2. The weighted academic ranking system encourages students to enroll in Honors and Advanced College Preparatory Courses and rewards the students for their efforts.
3. Class rank will be determined by averaging the final numerical grades of all courses. A total of 8 points will be added to the final average of all weighted courses.
4. The courses listed below will be weighted for class rank:
 1. All Advanced Placement courses.
 2. All Honors level courses.
 3. The last two years of all foreign language classes.
 4. “College” courses (Academy)

Will I be scheduled for all the subjects I request?

Not necessarily. Some courses will not be offered if not enough students are interested. Also, some will not be able to be scheduled because of schedule conflicts. Every attempt will be made to contact you personally if either of the above limitations pertains to you.

How may I be certain to obtain an early dismissal program for a job?

It is often necessary for some of our students to hold down part-time jobs. In order to assist these students through an appropriate schedule adjustment, the following requirements must be met:

1. The student must be a senior with one hundred (100) or more accrued credits.
2. A work permission form must be filled out by parent, student and employer.
3. Final permission must be granted by both the counselor and building principal.

NOTE: Students seeking early dismissals must submit the work permission form to the Guidance Office by the end of the third week in September.

Who makes the final decision about what subjects you take?

The school staff, with the approval of the Board of Education, determines what subjects will be offered and what prerequisites will be fixed for special subjects. In addition, State guidelines require that certain students receive remediation in reading and mathematics. Within these limits, you and your parents will choose your program. Your counselor and teachers will give you such help as they can, and as you wish, but the responsibility for the final decision is yours.

GRADUATION REQUIREMENTS

In order to be graduated from the Penns Grove-Carneys Point Regional District high school, and receive a state-endorsed board of education diploma, a pupil must:

- A. Meet both state and district proficiency standards in the core curriculum content areas, which will integrate technological literary instruction; successful completion of PARCC Assessments as to be determined by the state of New Jersey.

PARCC Graduation Requirements for the Class of 2017 - 2020

<u>English Language Arts</u>	<u>Mathematics</u>
PARCC ELA Grade 9 \geq 750 (Level 4) or	PARCC Algebra I \geq 750 (Level 4) or
PARCC ELA Grade 10 \geq 750 (Level 4) or	PARCC Geometry \geq 725 (Level 3) or
PARCC ELA Grade 11 \geq 725 (Level 3) or	PARCC Algebra II \geq 725 (Level 3) or
SAT Reading* \geq 400 or	SAT Math* \geq 400 or
ACT Reading or ACT PLAN Reading \geq 16 or	ACT or ACT PLAN Math \geq 16 or
Accuplacer Write Placer \geq 6 or	Accuplacer Elementary Algebra \geq 76 or
PSAT10 Reading or PSAT-NMSQT Reading** \geq 40 or	PSAT10 Math or PSAT/NMSQT Math** \geq 40 or
ACT Aspire Reading \geq 422 or	ACT Aspire Math \geq 422 or
ASVAB-AFQT Composite \geq 31 or	ASVAB-AFQT Composite \geq 31 or
Meet the Criteria of the NJDOE Portfolio Appeal	Meet the Criteria of the NJDOE Portfolio Appeal

The Class of 2021 will have to pass a PARCC assessment in both English Language Arts and Mathematics to be eligible for graduation.

- B. Complete successfully the course requirements stated in the administrative code, unless those of the district are greater, in which case the district's standard must be met. The proficiencies required must include the Core Curriculum Content Standards approved by the state board of education;
- C. Select and complete successfully enough elective credits to meet the district minimum of 130 credits designed as follows:

<u>Subject Area</u>	<u>Credits</u>
<u>English</u>	<u>20</u>
<u>Social Studies (World, USI, USII)</u>	<u>15</u>
<u>Financial Literacy</u>	<u>2.5</u>
<u>Science</u>	<u>15</u>
<u>Mathematics</u>	<u>15</u>
<u>Health</u>	<u>10</u>
<u>Physical Education</u>	<u>10</u>
<u>World Language</u>	<u>5</u>
<u>Visual/Performing Arts</u>	<u>5</u>
<u>Career Education/Consumer, Family & Life Skills</u>	<u>5</u>
<u>Electives</u>	<u>27.5</u>

The 130-credit requirement set forth in “C” above may be met in whole or in part through program completion as follows:

1. The local Board of Education may determine and establish (a set number of) curricular activities or programs aimed at achieving the Core Curriculum Content Standards for promotion and graduation purposes.

The local Board of Education must approve general policies and procedures for the implementation of Option Two, as well as any performance or competency assessments that will be used to determine student completion of programs.

The Superintendent may need to engage in discussions with K-8 sending districts to ensure that policies, procedures and expectations for coursework prior to high school and related proficiency assessments are aligned. The Superintendent should ensure that annual data collection takes place and that regular program evaluation is completed and reported to the board and the public.

- a) Curricular activities and programs may involve in-depth experiences linked to the Core Curriculum Content Standards such as interdisciplinary or theme-based programs, independent study, co-curricular or extracurricular activities, magnet programs, student exchange programs, distance learning opportunities, internships, community service or other structured learning experiences.
- b) Programs and appropriate assessments shall be planned for individuals and/or a group based on specific instructional objectives aimed at meeting or exceeding the Core Curriculum Content Standards.
- c) The principal shall certify completion of curricular activities or programs based upon specified instructional objectives aimed at meeting or exceeding the Core Curriculum Content Standards.
- d) Group programs based upon specific instructional objectives aimed at meeting or exceeding the Core Curriculum Content Standards shall be approved in the same manner as other approved courses.

- e) Individual programs based upon specific instructional objectives aimed at meeting or exceeding the Core Curriculum Content Standards shall be on file in the local district and subject to review by the Commissioner or his or her designee.
2. The local Board of Education may utilize performance or competency assessment to approve student completion of programs aimed at meeting or exceeding the Core Curriculum Content Standards at the secondary level, including those occurring all or in part prior to a student's high school enrollment.
3. Local student attendance requirements.
4. Any other requirements established by the local Board of Education.
5. Any statutorily mandated requirements for earning a high school diploma.
6. Successful completion of PARCC Assessments as to be determined by the state of New Jersey.

Successful completion means that the pupil 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.

Transfer pupils must meet all state and local requirements in order to receive a district diploma.

The superintendent shall put into effect the procedures necessary to assess each pupil upon entry into the system, and, annually thereafter, to identify those pupils not meeting the state or district proficiency requirements in reading, writing, and mathematics. He/she shall develop the programs necessary to remedy these deficiencies at the lowest possible grade level.

Pupil Enrollment in College Courses

The board shall make reasonable efforts to develop articulation agreements with New Jersey colleges and universities to facilitate the delivery of college credit course to qualified pupils. The board shall determine eligibility requirements for these pupils and monitor the quality of the courses offered and college faculty who teach the courses.

Twelfth grade pupils who have satisfied all other graduation requirements, but have failed the statewide examination, shall receive an alternative high school assessment.

Pupils with Limited English Proficiency

All students of limited English proficiency shall satisfy the requirements for the high school graduation according to established regulations of local Board of Education, except that any students of limited English proficiency may demonstrate that they have attained State minimum levels of proficiency through:

1. Successful completion of PARCC Assessments as to be determined by the state of New Jersey.

Pupils with limited English proficiency must be provided with the program opportunities required by law, and must fulfill the regular state and district requirements for graduation.

Special Education Pupils

A disabled pupil must meet all state and local high school graduation requirements in order to receive a state-endorsed high school diploma, unless exempted in his/her IEP.

A pupil who qualified may take the Dynamic Learning Map assessment (DLM), if alternate requirements for graduation have been specified in his/her IEP.

Required reviews of the IEP shall continue to address graduation requirements and shall explain why the proficiencies required for graduation are not part of the IEP.

Because graduation with a state-endorsed diploma is a change of placement that requires written notice, all procedures described in the administrative code shall be followed scrupulously. Procedures shall include written notice to parents/guardians that includes a copy of procedural safeguards published by the State Department of Education and opportunity for mediation or a due process hearing.

1. The local Board of Education shall specifically address any alternate requirements for graduation in a student's IEP.
2. The local Board of Education shall develop and implement procedures for assessing whether a student has met any alternate requirements for graduation individually determined in an IEP.

Early Graduation

Pupils who have clearly demonstrated a scholastic aptitude, an unusual readiness for the world of work, a financial need, or a serious health or family concern, may be considered for early graduation. Minimum graduation requirements must be completed early. Approval must be obtained from the parents/guardians and the administration by February of the student's 10th grade year.

COUNSELING SERVICES

General Information

Counseling services at Penns Grove High School are oriented in the belief that a basic purpose of guidance is to help each individual make the most of himself and his opportunities to the end that he may thereby be of greatest benefit to himself and to society. Implicit in such a concept is the need for each individual to understand himself and to be aware of the opportunities available to him.

Much of the work of a counselor is organized around these pivotal points of self and opportunity. It involves helping the student to know his strengths and how to use them for the greatest benefit to himself and others, to understand his limitations and how to compensate for them, and to realize the opportunities available to him both within the school and in the changing worlds of work and education which lie beyond high school.

To achieve these goals, guidance services provided include orientation to the high school, program planning, evaluation of academic progress, personal concerns, college planning and career exploration. These goals can be realized through such activities as individual and group counseling, career and school conferences, field trips, use of media, and large group meetings.

Programming Guidelines

On what basis should courses be selected?

Consider yourself! What kind of person are you? In what subjects do you have the most ability and interest? In what subjects do you experience the most difficulty?

Choose subjects in which you expect to do reasonably well if you make a good effort. If you can't reasonably expect to successfully complete a subject, no matter how strong the other arguments are for taking it, you won't accomplish your purpose by taking the subject and failing. If the subject is essential to your goals for the future, first prepare yourself for it, then take it.

Elect the subjects, which will make some positive contribution to the development of your strengths or the overcoming of your deficiencies. For example, if you have high ability in mathematics, elect as many math subjects as are available, and develop this ability to a high level of proficiency. If, on the other hand, you find math difficult, persevere in it at least to the point where you have mastered the minimum amount needed for whatever you may choose to study or work at in the future.

Elect the subjects required for admission to the field of work or the institution of higher education you will wish to enter following your graduation from high school. No single program will meet all requirements. Discuss your plans with your counselor, and ask for help in finding out what is required for the various occupations and colleges.

What is an elective course?

An elective course is a course, which a student may choose based upon his/her personal preferences. Elective courses provide students with the opportunity to pursue individual interests. Students should understand that in many instances college requirements, or the requirements of certain occupations, virtually dictate what electives should be chosen. Students should discuss the selection of appropriate electives with their counselors.

How do I meet the physical education requirement if I am unable to participate because of medical reasons?

All students are required to participate in physical education each year. Students who are unable to participate in regular classes because of medical reasons must submit a letter from a physician to the school

nurse indicating the reason for the recommended exception. Physical education exemptions are valid only through one school year and must be renewed annually.

What are the general requirements for college entrance?

The minimum requirements for most liberal arts colleges will include four years of English, three years of social studies, three years of math, three years of laboratory science, and two years of the same foreign language. Requirements for special programs such as engineering, art, or business may vary considerably from this. In order to ascertain specific requirements, it is advisable to consult your guidance counselor and specific college catalogs.

Extra Curricular Eligibility Rules

What must I do to be eligible for extracurricular activities?

The Penns Grove-Carneys Point Regional Board of Education has adopted the following eligibility rules for student participation in interscholastic and extracurricular programs/activities:

To be eligible for participation during the fall and winter seasons, a student must pass twenty-five percent (25%) of the State requirement for graduation. Presently, this requirement is 120. (No credit requirement for incoming students from grammar school--8th grade.) As such, a student must pass 30 credits at the conclusion of the second semester of the previous school year.

1. To be eligible for the spring season, a student must be passing twelve and a half percent (12.5%) of the State requirements or 15 credits at the conclusion of the first semester (January 31).
2. If a student is eligible at the start of a season or program, he/she remains eligible for the entire season or program regardless of his/her grades at the end of a marking period.
3. Any student who has not entered school by 10:30 a.m. will not be permitted to participate in an interscholastic competition or extracurricular activity that day unless a legal excuse is presented that is acceptable to the principal and director involved. (see Attendance Policy)
4. Any student involved in an extracurricular activity must be present the day prior to that activity; otherwise he/she will forfeit his/her participation. In case of illness a doctor's excuse must be presented to the director of the activity.
5. Any student who leaves school early will not be permitted to practice or participate in an interscholastic or extracurricular event that day unless a legal excuse is presented that is acceptable to the principal and/or director. Excuse to be presented prior to leaving school.
6. Abuses of early dismissals will be considered by the High School Administration and the specific individual director, and may have a bearing on a student's continued participation in a given interscholastic or extracurricular event. (See lateness to school policy.)
7. For certain extracurricular activities, eligibility will be determined by the building principal on a case by case basis if the above guidelines do not pertain to the activity involved. It should be noted that the spirit of the above eligibility rules will apply.

SCHOOL BASED YOUTH SERVICES

The School Based Youth Services Program (SBYSP) was started in 1987 to help young people navigate their adolescent years, finish their education, obtain skills leading to employment or continuing education, and graduate healthy and drug free. Adolescents have numerous concerns and problems. Since a substantial number of teenagers have multiple issues that call for several different services, SBYSP provides an array of employment, health and social services. Services are available to all youth and recreation is provided.

Summer Youth Leadership Academy

This program was developed in response to an ever increasing need to promote healthy character development, community service, educational support, appropriate socialization skills, and develop qualities through an already proven recreation oriented program.

Programs and Services Available

- Mental Health & Family Support
- Individual/Group Counseling
- Case Management
- Healthy Youth Development
- College/Career Preparation
- Recreation (during open lunches and after school)
- Homework/Tutorial Assistance
- Volunteer/Community Service
- Health Education
- Substance Abuse Counseling/Prevention
- Pregnancy Prevention/Intervention (male & female programs)

Schedule Changes

Student schedules are developed in the spring of each year at which time the faculty and staff conduct much counseling and planning with students. The process includes input from students, parents, teachers, counselors and administrators. Finally, the schedule each student selects is produced, and the Board of Education builds its budget from the resulting program of studies.

Students are expected to honor their commitments and to attend and satisfactorily complete the courses in which they enroll during counseling conferences.

After July 30, schedule changes will not be made for reasons of convenience. Only educationally sound changes will be considered according to the guidelines listed below.

Schedule changes will be considered for only the following reasons:

1. If there is a need to correct a clerical error in the schedule. Examples might include a missing course; two or more courses in conflict; or failure in a prerequisite course.
2. If there is a recommendation from the child study team.
3. If there is a recommendation from an administrator for disciplinary, attendance or instructional reasons.
4. If a student is repeating a failed course and is assigned to the same course and teacher.
5. If there is a request made by the professional staff through the appropriate supervisor.

Student initiated schedule changes **will not** be considered for any of the following reasons:

1. If the course content or standards differ from student expectations or the course is not needed for graduation.
2. If the student does not like a given teacher or the student has a last minute preference for some other subjects.
3. If the student wishes to take less than the required number of courses.

In exceptional cases, an appeal may be made to the Principal.

Freshman Prerequisites

Incoming freshman wishing to take Honors English 9 must have received an "A" final grade in grade 8 English or received a teacher recommendation.

Senior College Option

Seniors who have met all graduation requirements by February of sophomore year will have the option to select an abbreviated schedule for the purpose of attending Salem Community College during their senior year. Seniors will have the opportunity to take a minimum of 3 college credits each semester. Students will be scheduled for senior English and Health/Physical Education during block one of each respective semester. To be eligible for the Senior College Option students must meet the following criteria:

1. Have met all State and district graduation requirements, with the exception of senior English and Health/Physical Education 12, by the end of their junior year.
2. Successful completion of PARCC Assessments as to be determined by the state of New Jersey.
3. Requested to take this option during course registration of their junior year but no later than June 1 of the junior year.

Students selecting the Senior College Option will be responsible for all tuition, fees, books, transportation, and all other costs associated with attending Salem Community College.

Proof of college registration will be required to implement this option for any student.

DUE TO SCHEDULING CONSIDERATIONS STUDENTS WISHING TO EXERCISE THIS OPTION MAY NOT BE SCHEDULED FOR THE ENGLISH 12 OF THEIR CHOICE.

STUDENTS SCHEDULED FOR THIS OPTION MAY PARTICIPATE IN ALL ATHLETICS AND EXTRACURRICULAR PROGRAMS.

COURSE OFFERINGS

This section lists the course offerings of each department in the school.

ALL COURSES ARE OFFERED WITH THE UNDERSTANDING THAT THEY WILL NOT BE ACTUALLY GIVEN UNLESS ENROLLMENT REACHES A CERTAIN MINIMUM. Students who select a one-semester course will not, in most cases, be able to specify fall or spring semester. Many of the one semester courses will only be given once and at the time which will help produce the most efficient overall schedule.

APPLIED ARTS

DIGITAL ART

Grades: 9,10,11,12 Prerequisite: None

Credits: 5

This entry-level is intended for those using PC's in a Computer Graphics Arts (CGA) environment. Students will employ basic computer operations, applications, utilities and troubleshooting skills. Students will be introduced and utilize *Adobe Photoshop* for creating artistic work on the computer. Students will also be introduced and construct a personal web site using ***Blogger***, a free blog spot hosting site which will allow students to post their own digital creations, personalize their site as well as communicate with the class. Course work includes lecture, group discussions, original and imaginative projects and hands-on experiences.

MULTIMEDIA DESIGN

Grades: 9, 10, 11 & 12

Credits: 5

This entry-level, semester course is intended for those using PC's, digital cameras, animation, and design based programs in a Multimedia environment. Students will employ file management, basic computer operations, applications, utilities and troubleshooting skills. Students will be introduced and utilize many multimedia programs, and equipment such as ***Adobe Flash, Adobe Photoshop, Windows Movie Maker, and Audacity*** for creating original animations, music videos, sound designs, interactive keyboard and mouse games and Mobile Phone Apps. Students will utilize ***Microsoft Word*** for digital note taking. Students will also work on actual production assignments for the school, following all necessary steps to complete project.

VISUAL COMMUNICATIONS I

Grades: 9, 10, 11 & 12

Credits: 5

Visual Communications I develops skills that lay the foundation for photography and producing print-ready communications: graphic design principles, visual comps, print production development, shared project management skills such as interviewing and project scheduling, peer review and redesign. Project activities focus on developing effective communications that can be deployed in print, on the web, or in a video. Students develop a variety of graphics, a logo, a business card, and client advertisement. They produce design documents and visual comps that clients review. Students culminate the semester with a portfolio project during which they reflect on the skills and topics they've covered thus far and begin to explore the career areas that interest them in visual design. Students will work on actual production assignments for the school that might include brochure covers, posters, flyer, among other things.

VISUAL COMMUNICATIONS II

Grades: 10, 11 & 12

Credits: 5

Visual Communications II builds on student design and development skills by focusing on longer print production projects as well as more in-depth content and advanced techniques for graphic and layout development. Students continue to work on teams to produce rich print communication such as brochures, newsletters, and yearbooks. They focus on effective graphic design, project management, design specifications, and iterative development. They develop graphic-design and print-production skills that solve specific communication challenges to meet client and audience needs. They build technical skills to address project needs and learn to track complex projects. Students culminate this semester with a portfolio redesign that has them project forward on their aspirations, goals, and interests. Student's additional focus will be to complete a school request and follow all the necessary steps to complete the project. Projects might include tickets for sports events, t-shirts, note pads, among others.

WOODWORKING TECHNOLOGY I

Grades: 9,10, 11 & 12

Credits: 5

Prerequisite: None

Beginning with the rules of safety and an introduction to the shop, Woodworking Technology I takes the student through the various phases of project planning, application and care of tools and, finally, to the construction of basic projects.

WOODWORKING TECHNOLOGY 2

Grades: 10, 11 & 12

Credits: 5

Prerequisite: Woodworking Technology I

Beginning with a review of the rules of safety and an introduction to the shop, Woodworking Technology II takes the student through the various processes of planning more sophisticated projects, working more proficiently with hand and power tools and constructing advanced projects. Many procedures and methods that are learned through the construction of projects in the shop are adaptable and related to those in today's industry.

WOODWORKING TECHNOLOGY 3

Grades: 11 & 12

Credits: 5

Prerequisites: Woodworking Technology I & 2

This is an advanced course, which begins with a thorough review of safety in the shop using hand and power tools with emphasis given to power equipment. At this level the student will have a free choice of project variety and scope within limits. Also studied in the course are the many technological advances in wood finishing and antiquing.

WOODWORKING TECHNOLOGY 4

Grades: 12

Credits: 5

Perquisite: Wood Shop 1, 2, & 3

Woodworking Technology 4 is the most advanced course in the four-year woodworking sequence. It is designed to allow students to concentrate on those skills learned in Wood Shop 3. This course will cover the core content standards for Visual Arts. Students who successfully complete this course will receive 5 equivalent credits in the area of fine, visual, and performing arts to satisfy State graduation requirements.

ENGLISH

ENGLISH 9

Grade: 9

Credits: 5

Prerequisite: None

This course is designed to provide a comprehensive study and application of study and writing skills as it relates to literature. The curriculum addresses, but is not limited to the Common Core Curriculum Standards. The major units of study will include the following: review of grammar skills; analysis of various literary forms, styles, and authors; development of vocabulary, study, library, and research skills. Students will analyze and integrate various themes in literature-drama, short story, novels, poetry, and non-fiction.

HONORS ENGLISH 9

Grade: 9

Credits: 5

Prerequisite: A student who is highly motivated with a desire to prepare for Advanced Placement courses. Students may request Honors 9 if they receive an A in Language Arts in grade 8.

This course is designed to challenge and develop the students' critical reading and writing skills through a survey of classical and contemporary literary forms and developmental composition forms. This course, is distinguished by independent study, accelerated pace, depth of analysis, and extensive reading and writing requirements. The major units of study include those listed under English 9, but are characterized by more long-range and independent assignments plus multiple opportunities for students to write on various topics, to respond to critical literary comments, and to further develop creative writing skills. This course also integrates preparation for the SAT.

ENGLISH 10

Grade: 10

Credits: 5

Prerequisite: Successful completion of English 9

This course is designed to continue the maintenance and sequential development of the essential skills of communication. These include the following: reading skills, critical analysis, grammar skills, and the mechanics of written expression, composition skills and speech. All students will read a variety of literary selections aligned to the Common Core State Standards, which include, but are not limited to, critical literary analysis, independent readings, and a persuasive speech.

HONORS ENGLISH 10

Grade: 10

Credits: 5

Prerequisite: A student who is highly motivated with a desire to prepare for Advanced Placement courses. A student should have at least a B average in English 9 Honors or an A in English, with teacher recommendation.

English 10 Honors students will be required to write analytical essays, especially in exposition. Advanced grammar and stylistic methods will be taught as the need arises. Vocabulary study is drawn from the literary works under consideration, from a sequential text, and from supplementary lists. Literary study emphasizes critical reading activities and an in-depth analysis of multiple genres including an abundance of fiction, nonfiction, drama, and poetry, which is drawn from diverse cultures and literary periods. The literature studied will emphasize universal themes as students learn to connect what they read to their own experiences. Students have the responsibility to work independently on research and to develop projects. Summer reading will be assigned as required by the teacher.

ENGLISH 11

Grade: 11

Credits: 5

Prerequisite: Successful completion of English 10

This English program, designed for the various levels of eleventh graders and aligned to the CCCSS, is intended as a survey of the major movements, authors, and pieces which comprise various students in literature. Studying time periods in history through the literature that defined it, students will become aware of the thoughts, feelings, and struggles of society, along with societal values and beliefs. This study of literature will focus on reading comprehension skills, vocabulary and critical thinking, as students will be asked to read plays, such as Arthur Miller's *The Crucible* and discern how certain situations in American history could have and continue to occur. In addition, students' skills in vocabulary and grammar will be reinforced so that students may find themselves prepared for assessments such as the HSPA, the SAT's, and the AP exam.

HONORS ENGLISH 11

Grade: 11

Credits: 5

Prerequisite: A student who is highly motivated with a desire to prepare for Advanced Placement courses. Eligible students should have at least a B average in English 10 Honors or an A in English, with teacher recommendation.

This course will offer a chronological survey of American literature as it reflects and responds to society's values and concerns. Students will read and analyze literary selections in both oral and written form. Summer reading will be assigned as required by the teacher.

ADVANCED PLACEMENT (AP) ENGLISH 11: English Language and Composition

Grade: 11

Credits: 5

Prerequisites: Successful completion of English 10 with the student receiving a B or better as a final grade, along with teacher recommendation.

This course in English Language and Composition engages students in intelligently analyzing and using rhetoric and rhetorical techniques to analyze an author's purpose (tone, syntax, diction, imagery, symbolism, etc.) and how to discern a targeted audience. Through close language studies, students improve their own language through emulation and adaptation. This course is a study of language in all forms.

ENGLISH 12

Grade: 12

Credits: 5

Prerequisite: Successful completion of English 11

This course will provide and develop a study of critical thinking, reading, writing, listening, and discussion skills through a survey of English literature. The course will study major English writers and their works, which will be used as the sources for analytical expository essays. These activities and the development of the above skills are designed specifically to help prepare students for college entrance.

ADVANCED PLACEMENT (AP) ENGLISH 12: English Literature and Composition

Grade: 12

Credits: 5

Prerequisites: Successful completion of English 11 with the student receiving a B or better as a final grade, along with teacher recommendation.

This course in English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the way writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Student in this course will include the four genres of literature (drama, novel, poetry and literature prose). There will be an emphasis on expository writing and close reading of the literature.

ENGLISH A & B Labs

Grade: 9, 10

Credits: 2.5

This course was developed to improve students' academic performance, providing supplemental instruction and resources for success in English. Specific student data is used (i.e. MAP, and classroom assessments) to individualize the classroom instruction based on student needs. This course will provide practice in reading comprehension and writing to prepare students for standardized assessments and success at the high school level. Students will be placed in this course based on their level of proficiency as indicated on the standardized test and benchmark assessments.

CREATIVE WRITING

Grades: 9-12

Credits: 2.5

Prerequisite: None

This course is designed to develop students' creative writing talents through the reading and critical study of examples of various literary genre (short stories, poems, plays, essays). Students will be expected to express themselves creatively in these same literary forms.

MYTHOLOGY

Grades: 9-12

Credits: 2.5

Co-requisite: College Preparation English

This course involves the study of the myths of ancient Greece and Rome as well as Norse, American Indian, and Eastern legends. Students will learn how these fascinating beliefs and stories have influenced man's thinking and literature up through the ages to modern times.

HIGH INTENSITY ESL

Grades: 9, 10, 11 & 12

Credits: 10

Prerequisite: None

This progressive course provides the English as a second language student with individualized instruction in listening, speaking, reading, and writing skills in the English language. Through this course, content areas are strengthened via study skill techniques. The primary purpose is to teach students to function effectively in a society requiring oral and written communication in English. Placement is determined on the basis of standardized test results.

PARCC ENGLISH

Grade: 12

Credits: 2.5

This course is designed to improve each student's language arts skills so that he/she may be successful on the Partnership for Assessment of Readiness for College and Career (PARCC) assessment, or alternative standardized assessments. Specific student data (i.e. MAP, classroom assessments) will direct the classroom instruction to meet the diverse needs of each student. This course is designed to finalize an assessment portfolio to meet the needs of graduation.

MATHEMATICS

ALGEBRA I

Grade: 9

Credits: 5

Prerequisite: Successful completion of 8th grade math

Algebra I will prepare students to problem solve using linear and non-linear relationships. Focus areas include algebraic concepts/skills and their applications to real life situations. Major topics covered are linear equations, linear inequalities, ratios, geometric concepts, statistics, and probability. Students will infuse technology consisting of the graphing calculator and computer software.

GEOMETRY

Grades: 9, 10, 11 & 12

Credits: 5

Geometry is a semester long course that provides students with experiences that deepen the understanding of two and three-dimensional objects and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are emphasized. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with a special focus on quadrilaterals, triangles, right triangles; (3) circles; and (4) polyhedral and other solids. An understanding of proof and logic is developed. Students will infuse technology consisting of graphing calculators and computer software.

ALGEBRA 2

Grades: 9, 10, 11 & 12

Credits: 5

Prerequisite: Successful completion of Algebra I

Algebra 2 expands on the topics of Algebra I and provides further development of the concept of a function. Topics include: (1) relations, functions, further development of the concept of a function; (2) conic sections; (3) polynomials; (4) algebraic fractions; (5) logarithmic and exponential functions; (6) sequences and series; and (7) counting principles and probability.

HONORS ALGEBRA 1

Grade 9

Credits: 5

Prerequisite: Successful completion of 8th grade math

Honors Algebra I provides the students with more depth into the topics of Algebra 1, including a faster pace and more rigorous coursework. Honors Algebra 1 is for those students who are above average in math abilities. Honors Algebra 1 is generally offered to freshmen who have demonstrated an accelerated ability in previous grade level math and standardized test scores.

HONORS GEOMETRY

Grades: 9, 10, 11 & 12

Credits: 5

Prerequisite: Successful completion of 8th grade math

Honors Geometry is a semester long course that provides students with more depth into the topics of Geometry, including a faster pace and more difficult problems. Honors Geometry is intended for students who are above average in their math abilities. Emphasis is placed on both reinforcement and extension of algebra while carefully developing a thorough understand of proof. Honors Geometry is generally offered to students who have demonstrated an accelerated ability in previous grade level math scores and standardized test scores. Students will infuse technology consisting of graphing calculators and computer software.

HONORS ALGEBRA 2 Trig

Grades: 10, 11, 12

Credits: 5

Prerequisite: Successful completion of Algebra I

Honors Algebra 2 is an accelerated academic course that provides students with more depth into the topics of Algebra, including a faster pace and more difficult problems. Honors Algebra II is for those students who are above average in their math abilities. This class is designed to prepare students to pursue additional advanced-level mathematics courses.

PROBABILITY & STATISTICS

Grades: 11, 12

Credits: 5

Prerequisite: Honors Algebra II

OR teacher recommendation

Probability and Statistics was designed for juniors and seniors to provide a detailed introduction of college-level statistics, with an emphasis on conceptual understanding of material. Students will work with probability, data collection, descriptive statistics and technological tools to analyze statistics. Emphasis is placed on the exploration of univariate and bivariate data, planning a study, producing models using probability theory, and making statistical summaries and conclusions. Students will use multiple representations to present data including written descriptions, numerical statistics, formulas, and graphs.

PRE-CALCULUS

Grades: 10, 11, 12

Credits: 5

Prerequisite: Algebra II (It is suggested that students have a minimum grade of 75 in Algebra II and Geometry).

This course integrates algebra, geometry and trigonometry to help the student understand and better appreciate the role which each plays in mathematics. The topics studied include trigonometry, analytic geometry, functions and an introduction to calculus.

ADVANCED PLACEMENT (AP) CALCULUS – AB

Grades: 11, 12

Credits: 5

Prerequisite: Pre-Calculus

This Advanced Placement Mathematics Course follows the syllabus provided by the College Board. The AP examination is required and tests the student's knowledge of differential and integral calculus typically included in the Calculus I College Course. The use of graphing calculators is an integral part of the course. Students will be required to take the advanced placement examination.

ADVANCED PLACEMENT (AP) CALCULUS – BC

Grade: 11,12

Credits: 5

Prerequisite: Advanced Placement Calculus AB

This Mathematics Advanced Placement course follows the syllabus provided by the College Board. The AP examination is required and covers the AP Calculus – AB topics, as well as additional topics in differential and integral calculus and series. Students taking the Calculus BC examination will receive a grade. The use of a graphing calculator is an integral part of the course. Students will be required to take the advanced placement examination.

MATH LABS 9-10A

Grades: 9, 10

Credits: 2.5

Prerequisites: MAP scores, must be currently enrolled in Algebra 1

The Math Lab class will build on the course content that is taught during Algebra 1. All subject matter will coincide with the Core Curriculum Content Standards and assist students in building the foundations needed to succeed in Algebra 1. The course will also adequately provide students with additional help in preparing for the End of Course Assessment. This course will be scheduled simultaneously with regular Algebra 1 class.

MATH LABS 9-10B

Grades: 9, 10

Credits: 2.5

Prerequisites: MAP scores, must be currently enrolled in Algebra or Geometry Course

The Math Lab class will build on the course content that is taught during the Algebra 1 and Geometry class. All subject matter will coincide with the Core Curriculum Content Standards and assist students in building the foundations needed to succeed in Mathematics. The course will also adequately provide students with additional help in preparing for the End of Course Assessment. This course will be scheduled simultaneously with regular Mathematics class.

MATH LABS 11-12

Grades: 11, 12

Credits: 2.5

Prerequisites: MAP scores, must be currently enrolled in Algebra or Geometry Course

The Math Lab class will build on the course content that is taught during the Algebra II and Geometry class. All subject matter will coincide with the Core Curriculum Content Standards and assist students in building the foundations needed to succeed in Mathematics. The course will also adequately provide students with additional help in preparing for the End of Course Assessment. This course will be scheduled simultaneously with regular Mathematics class.

PARCC MATH

Grade: 12

Credits: 2.5

This course is designed to improve each student's mathematical skills so that he/she may be successful on the Partnership for Assessment of Readiness for College and Career (PARCC) assessment, or alternative standardized assessments. Specific student data (i.e. MAP, classroom assessments) will direct the classroom instruction to meet the diverse needs of each student. This course is designed to finalize an assessment portfolio to meet the needs of graduation.

SCIENCE

BIOLOGY

Grades: 9 & 10

Credits: 5

The Biology Course is designed to use life science principles as powerful conceptual to make sense of the complexity, diversity, and interconnectedness of life on Earth. Students engage in laboratory and authentic learning experiences that encourage the application of biological knowledge to make decisions and solve problems.

HONORS BIOLOGY

Grades: 9 & 10

Credits: 5

The course is designed for those students who are considering taking Advanced Placement Biology. Biology I Proficiencies will be covered. During the marking period, the students will concentrate on topics that are relevant to AP Biology, such as: molecules and cells, and computer applications in Biology. Students will be selected for Honors Biology on the basis of science grades and teacher recommendations.

CHEMISTRY

Grades: 9-12

Credits: 5

This course is designed for students interested in pursuing studies in science, technology, engineering or mathematics. The Chemistry Course has been designed for students to increase their knowledge and understanding of chemistry in today's world. Skills developed in this course will enable students to understand scientific explanations, generate evidence through active investigation, reflect on scientific knowledge, and participate productively in science. Subject areas that are covered include structure of matter, states of matter, chemical bonding, stoichiometry, chemical reactions, and acid-base chemistry.

HONORS CHEMISTRY

Grades: 9-12

Credits: 5

Prerequisite: AP Physics

This course is designed for students interested in pursuing advanced studies in science, technology, engineering or mathematics. The Honors Chemistry Course is a rigorous first-year high school chemistry course designed to serve as a prerequisite for Advanced Placement Chemistry or a first-year college chemistry course. The key concepts are Structure of Matter, Chemical Bonding, States of Matter, Solutions, Stoichiometry, Equilibrium, Thermochemistry, Chemical Kinetics, Electrochemistry, Organic Chemistry.

PHYSICS

Grades: 9-12

Credits: 5

This course is designed for students interested in pursuing studies in science, technology, engineering or mathematics. The course Physics explores the fundamental laws of nature as found in mechanics, electricity, waves, and energy. It deals with the description and explanation of various types of motion, electrical and magnetic phenomenon, sound, light, and optics. This course is designed to be laboratory oriented.

ADVANCED PLACEMENT (AP) PHYSICS

Grades: 9-12

Credits: 5

This course is designed for students interested in pursuing advanced studies in science, technology, engineering or mathematics. The AP Physics Course is a rigorous first-year college physics course designed by *The College Board*. The course explores the fundamental laws of nature as found in mechanics, electricity, waves, and energy. It deals with the description and explanation of various types of motion, electrical and magnetic phenomenon, sound, light, optics and nuclear physics. This course is designed to be laboratory oriented.

ENVIRONMENTAL SCIENCE

Grade: 11 & 12

Prerequisites: Algebra 1

Credits: 5

Environmental Science is a laboratory science course that enables students to develop an understanding of natural and man-made environments and environmental problems the word faces. Students explore environmental science concepts through an inquiry-based approach. Current issues are studied in the context of the content standards for Earth Systems, The Living World, Human Population, Water and Land Resources, Energy Resources and Consumption, Pollution and Waste Production, Global Change, and Civic Responsibility.

INTRODUCTION TO AGRISCIENCE

Grades: 9-12

Prerequisites: None

Credits: 5

An introduction to Agricultural Science focuses on four major areas of agriculture: plant science, animal science, natural resources, and agricultural engineering. Students also study the basics of the agriculture industry and the National FFA Organization. This course relies on the use of activities, projects, and problems to allow students to learn scientific concepts from an agricultural perspective.

BOTANY

Grade: 10-12

Prerequisite: Introduction to Agriscience

Credits: 5

Botany will teach students about the form and function of plant systems. Students are immersed in inquiry-based exercises filled with activities, projects, and problems to teach them plant concepts through laboratory and practical experiences. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students who successfully complete this course may be eligible to receive credit from Delaware Valley College.

ANIMAL SCIENCE

Grades: 10-12

Prerequisites: Introduction to Agriscience

Credits: 5

This course exposes students to the world of animal agriculture through the use of activities, projects, lab experiences, and problems. Students will be involved in the study of animal anatomy, physiology, behavior, nutrition, reproduction, health selection, and marketing. Experiences include multiple dissections. Students who successfully complete this course may be eligible to receive credit from Delaware Valley College.

BIOTECHNOLOGY

Credits: 5

Grades: 10, 11, 12

Prerequisite: Animal Science

Biotechnology provides students with experiences in industry appropriate applications of biotechnology related to plant and animal agriculture. Students will complete hands-on activities, projects, and problems designed to build content knowledge and technical skills in the field of biotechnology. Students are expected to become proficient at biotechnological skills involving micro-pipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction.

LANDSCAPE DESIGN

Grade: 11

Credits: 5

Prerequisite: Botany

The students in this course will develop skills in many areas of designing outdoor spaces. Beginning with learning to hand-draft landscape symbols using drafting tools, students will later create original designs of landscapes. Students will maintain a portfolio of designs created throughout the course. Students who successfully complete this course may be eligible to receive credit from Delaware Valley College.

ADVANCED PLACEMENT (AP) CHEMISTRY

Grades: 11 & 12

Credits: 10

Strongly recommended: AP Physics, Honors Chemistry, & Algebra

This course is designed for students interested in pursuing advanced studies in science, technology, engineering or mathematics. The AP Chemistry Course is a rigorous first-year college chemistry course designed by *The College Board*.

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, in their first year, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. The key concepts are Structure of Matter (Atomic Theory/Structure, Periodicity, Quantum Mechanics, Nuclear Chemistry), States and Properties of Matter (Chemical Bonding, Localized Electron Model, Molecular Orbital Model, Ideal Gases, Kinetic Molecular Theory, Liquids and Solids, Solutions and Solubility) Chemical Reactions (Acid-Base Reactions, Precipitation Reactions, Oxidation-Reduction Reactions, Stoichiometry, Electrochemistry), Chemical Kinetics, Thermodynamics, Equilibrium, Organic Chemistry, Biochemistry students will be expected to take the AP Examination in the second semester of the course.

ADVANCED PLACEMENT (AP) BIOLOGY

Grades: 11 & 12

Credits: 10

Strongly recommended: Honors Biology, Honors Chemistry, Physics, & Algebra I

The AP Biology course is designed to be the equivalent of a college introductory biology course. The main areas of study will be molecules and cells, heredity and evolution, and organisms and populations. Students taking AP Biology will develop a conceptual framework for modern biology and gain an appreciation of science as a process. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry. Students will be expected to take the AP Examination in the second semester of the course.

SOCIAL STUDIES

WORLD HISTORY

Grade: 9

Credits: 5

Prerequisite: None

World History provides a study of modern world history between the 1300's and the 1900's. This course includes the study of the Renaissance and Reformation, the Age of Exploration, Monarchy in Europe, the Enlightenment, Global Revolutions, the Industrial Revolution, Imperialism, and the Great War. The primary objective of the course is to provide students with an understanding of past historical events and how these events continue to influence the world in which they live. The course includes connections to Geography, New Jersey History, Holocaust/Genocide, African-American History, Women's History, and Agricultural History.

U.S. HISTORY I

Grade: 10, 11 & 12

Credits: 5

Prerequisite: None

U.S. History 1 presents a study of our national heritage from the period of national growth that occurred after the Revolutionary War to the Progressive Period of the early 20th Century. The course focuses on the following themes: National Growth and Sectionalism, Civil War and Reconstruction, Industrialization and Urbanization, Immigration, and Progressivism aimed at solving industrial programs. The primary objective of the course is to provide students with an understanding of past historical events and actions and the way in which these actions influence the world in which they live. The course includes connections to Geography, New Jersey History, Genocide, African-American History, Women's History, and Economics.

U.S. HISTORY II

Grade: 11 & 12

Credits: 5

Prerequisite: Successful completion of US History I

U.S. History II presents a study of our national heritage from World War 1 through present day. The course includes the study of foreign and domestic conflicts and affairs during the periods of: Imperialism, World War 1, The Roaring Twenties, the Great Depression and the New Deal, World War II, and the Cold War period through to its end. The objective of the course is to provide students with an understanding of past historical events and actions that still influence the world in which they live as well as their relation to current events. The course includes connections to Geography, New Jersey History, World History, Holocaust/Genocide, African-American History, Women's History and Economics.

FINANCIAL LITERACY

Grade: 11 & 12

Credits: 2.5

This course will emphasize personal financial literacy and an understanding of foundational concepts in economics. Financial literacy includes the ability to discern financial choices, discuss money and financial issues without discomfort, plan for the future, and respond competently to life events that affect everyday financial decisions, including events in the general economy. Economics is the study of how people cope with their environment and each other as they try to satisfy their needs and wants. People have unlimited needs and wants, but they live in a world which surrounds them with limits. Students will learn the importance of financial literacy/economics and how personal behavior and decisions affect a person's finances and quality of life.

ADVANCED PLACEMENT (AP) US HISTORY

Grades 10 & 11

Credits: 10

Prerequisite: Successful completion of World Cultures with a B average and a teacher recommendation from either English 9 or World History teacher

Advanced Placement United States History is a chronological survey of the history of the United States from the colonial period to the present. It is a demanding course whose emphasis goes beyond the memorization of facts to the interpretation and analysis of historical data and writings. Student writing is an important component of the course. This course is designed to prepare the student to take the Advanced Placement Examination in United States History administered by the College Board in May of each year. The U.S. History course will provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History through college level course work. In addition, prerequisite course work is required prior to admittance into this course. Because of the special nature of Advanced Placement classes, students need to be aware of the specific commitments required. Student must know this a year-long course with the culmination of the AP test in May.

US LAW

Grade: 11 & 12

Credits: 2.5

Prerequisite: U.S. History I

U.S. Law provides a study of our national legal system and its operation. The course will focus on rights of the individual as gained through Supreme Court precedent decisions, operation of both civil and criminal court, and the roles of judges, lawyers, and witnesses in our legal system. The course will analyze specific cases identifying and comparing their outcomes while making connections to current cases of prominence.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 9

Grade: 9

Credits: 2.5

The aim of Physical Education 9 is to expose the students to the basic fundamentals of all team sports and social and recreational activities. The opportunity is provided for individuals and groups to interact in situations that are mentally and physically stimulating and satisfying.

PHYSICAL EDUCATION 10

Grades: 10

Credits: 2.5

Physical Education 10 includes various activities that emphasize development of movement fundamentals and body skills. Included are those activities that focus on social and recreational involvement as well as physical development, such as lifetime sports and individual and team sports. Strategy will be emphasized.

PHYSICAL EDUCATION 11

Grade: 11

Credits: 2.5

Physical Education 11 provides a mature approach to a variety of social and recreational activities. In-season team sports will be offered as well as lifetime sports, dance and advanced team sports.

PHYSICAL EDUCATION 12

Grade: 12

Credits: 2.5

Physical Education 12 offerings emphasize in-season team sports and lifetime sports. In addition, the student is offered advanced work in dance and fitness for life activities.

HEALTH 9

Grade: 9

Credits: 2.5

Prerequisite: None

This course will help the student to establish or strengthen desirable behavior patterns for optimum functioning. The student will be able to understand himself as a biological, psychological, social and sexual human being. He/she will be able to understand the nature of sexual development and the social adjustment process. Basic Health fundamentals are designed to acquaint the students with knowledge of the anatomy of the human body, its functions, and its diseases. Emphasis will be placed on the study of sexually transmitted diseases, to include AIDS.

DRIVER EDUCATION 10

Grade: 10

Credits: 2.5

Prerequisite: None

The primary purpose of Driver and Traffic Safety Education is to ultimately save lives and reduce motor vehicle accidents through the education of future drivers. Classroom instruction will meet the thirty-hour requirement. The course emphasizes knowledge, habits, skills and attitudes necessary to become safe drivers. Dangers of using drugs and alcohol will be emphasized and the unpredictability of how a given drug or alcohol will affect a person at any given time will be stressed. Defensive driving will be emphasized.

HEALTH 11

Grade: 11

Credits: 2.5

Prerequisite: None

This course will introduce students to specific health areas and enable them to demonstrate an understanding of themselves in relations and to their environment. Mental and emotional health will be emphasized. The course will also instruct the student in basic first aid.

HEALTH 12

Grade: 12

Credits: 2.5

Prerequisite: None

This course deals with dating, courtship, engagement and marriage. This course is designed to encourage students to establish short and long-term personal goals. Emphasis will be placed on the individual and his/her relationship with others in today's society. There will be a review of human sexuality with special emphasis on all sexually transmitted diseases, to include AIDS.

ART

ART 1

Grades: 9, 10, 11 & 12

Credits: 2.5

Art 1 will offer a basic understanding of elements and principles of design thorough various art disciplines and media. Projects may be based in simple concepts in drawing, collage, painting, printmaking, sculpture, etc. It will introduce students to the appreciation of the Arts and Art history, as well as possible careers in Art for those who wish to continue on.

ART 2

Prerequisite: Art 1

Grades: 10, 11 & 12

Credits: 2.5

Art 2 will review learned knowledge and expound on it through more difficult methods and materials. Students will build upon their technical skills, but begin to focus more on the conceptual aspect of their work to build a portfolio. Art history and appreciation are a integral part of this course.

ART 3 STUDIO

Prerequisite: Art 1 and Art 2

Grades: 11, 12

Credits: 2.5

This course is designed for students wanting to pursue a career in the Arts. Students will prepare an advanced portfolio and a resume. They will learn how to interview, as well as how to professionally display works of art. In this class, students will take on more of a proactive and collaborative role in the school community through mural projects.

STAGECRAFT

Grades: 9, 10, 11 & 12

Credits: 2.5

This class will introduce a student to the word of set designing. This course will deal exclusively with theatre. Students will create their own miniature set, program cover, poster and ticket for their own play. After students have learned the basics of design and completed introductory projects, they will form collaborative relationships with the theater department to design and build sets and small props for the any school production and any other school event. Students will learn stage locations, different curtains and scenic cloths. Students will learn set terminology and various types of stage designs.

BASIC DRAWING

Grades: 9, 10, 11 & 12

Credits: 2.5

Basic drawing will be an introductory course that will build a foundation in art by exploring the fundamentals of drawing. Students will create 2-dimensional compositions through the utilization of the Elements of Art and Principles of Design, as well as experimentation with various techniques and materials. Students will learn about the importance of drawing strengthening observational skills, as well as strengthening skills in other disciplines.

ADVANCED DRAWING

Grades: 10, 11 & 12

Credits: 2.5

Advanced Drawing will be a continuation of Basic Drawing, elaborating on methods and materials. Students will complete observational drawings of more complicated forms, and learn more advanced techniques such as linear perspective and figure drawing. They will also be challenged about their perspectives in drawing and learn about contemporary practices.

FOREIGN LANGUAGE

FRENCH I (ELEMENTARY I)

Grades: 9, 10, 11 & 12

Credits: 5

Prerequisite: None

This is an introductory class for students with little or no previous experience with French. The student will develop communicative competence in French, with an emphasis in the four skill areas: listening comprehension, speaking, reading, and writing. The richness and diversity of French-speaking cultures will be studied. The abilities and knowledge acquired in French I will enable students to communicate with others at a novice-mid level.

FRENCH II

Grades: 9, 10, 11 & 12

Credits: 5

Prerequisite: French I

This class further develops the student's communicative competence skills in French with an emphasis in the four skill areas: listening comprehension, speaking, reading, and writing. The abilities and knowledge acquired in French II will enable students to communicate with others at a novice-high level.

SPANISH I (ELEMENTARY I)

Grades: 9, 10, 11 & 12

Credits: 5

Prerequisite: None

This is an introductory class for students with little or no previous experience with Spanish. The student will develop communicative competence in Spanish, with an emphasis in the four skill areas: listening comprehension, speaking, reading and writing. The richness and diversity of Spanish-speaking cultures will be studied. The abilities and knowledge acquired in Spanish I will enable students to communicate with others at a novice-mid level.

SPANISH II (ELEMENTARY II)

Grades: 10, 11 & 12

Credits: 5

Prerequisite: Spanish I or appropriate score on placement test.

This class further develops the student's communicative competence skills in Spanish with an emphasis in the four skill areas: listening comprehension, speaking, reading, and writing. The abilities and knowledge acquired in Spanish II will enable students to communicate with others at a novice-high level.

SPANISH III (INTERMEDIATE)

Grades: 11 & 12

Credits: 5

Prerequisite: Spanish II

This class completes the student's communicative competence skills in Spanish with an emphasis in the four skill areas: listening comprehension, speaking, reading, and writing. Real world connections will be explored through expressing needs, helping others, and communicating with friends. Cultures in the Hispanic world will be studied through literature and film. The abilities and knowledge acquired in Intermediate Spanish will enable students to communicate with others at an intermediate level.

SPANISH IV (CONVERSATIONAL)

Grades: 12

Credits: 5

Prerequisite: Spanish III

This class emphasizes oral skills and conversation through the use of authentic language and cultural content at the intermediate-mid level to interact and communicate with others. Students will debate, argue, and defend opinions while exploring different regions in the Spanish-speaking world. Some of the themes covered are: stereotypes in the media, immigration (past and present), heritage, identity, and cultural practices. By the end of the class, students are able to converse on a variety of topics, even unfamiliar topics, due to their increased fluency and ability to communicate their ideas.

MUSIC

AUDIO RECORDING-TECHNOLOGY 1

Grades: 9, 10, 11 & 12

Credits: 5

This course is designed to introduce many aspects of music technology, including the use of computers for composition and production, basics of hardware and software electronic instruments MIDI, the use of electronics in performance and basic audio recording and editing. Over the course of the year, students will be expected to create a number of original musical compositions and create an album of their work. Previous musical experience is not required but students with little or no previous experience will find this course challenging.

AUDIO RECORDING-TECHNOLOGY 2

Grades: 9, 10, 11 & 12

Credits: 5

Prerequisite: Audio-Technology 1

This course is for students who wish to undertake advanced study in music technology. Students will build on knowledge and skills gained in *Audio-Technology 1* and will continue study in electronic music and audio engineering. Students may choose to emphasize a particular area of study, such as electronic music (including effective use of MIDI and audio effects, programming of hardware MIDI controllers and instruments, principles of synthesis and sound design, and proficiency in the use of an electronic instrument) or audio engineering (including effective use of microphones, mixers and other audio equipment; listening carefully to recorded and live sound; and use of digital audio workstation software to mix, edit and master audio). All students will collaborate to create major projects integrating multiple fields of study. Students are expected to participate in any extracurricular activities involving the Audio-Technology program. Students taking this class will gain significant experience in the music technology field.

CONCERT BAND

Grades: 9, 10, 11 & 12

Credits: 5

Prerequisite: Play band instrument

Band is an applied experience in the music of the past and present through concert performance. It provides the opportunity for continued improvement in the playing of a musical instrument. This class is a performance class and will require all students to perform in various concerts and performance throughout the year. Performances might include, but not limited to: Fall Marching Band, Football games, community and the Winter Concert, August Band Camp, and night rehearsals, not mandatory, will be considered as part of the class grade. Class is open to all students.

CONCERT CHOIR

Grades 9, 10, 11, 12

Credits: 5

Prerequisite: None

Concert Choir is a course designed to provide an atmosphere for the enjoyment, appreciation, and performance of all types of choral music from classical to pop. It is open to all students. The instruction and improvement of voice quality, intonation, ability to read music, ability to sight-sing, and the overall development of musicianship is stressed in conjunction with the learning of each piece of music. Several required performances such as: evening concert in the winter and spring will be considered as a major part of the course grade.

MUSIC THEORY 1

Grades: 9, 10, 11, 12

Credits: 2.5

This class will provide an introduction to fundamental elements of music through the study of scales, chords, basic harmonic progressions, rhythms and terminology. This course is designed for anyone desiring to learn the basics of music and to develop or improve skills in reading and noting music. It includes pitch and rhythmic notation, basic keyboard, key signatures, beginning melody and harmonization.

MUSIC THEORY 2

Grades: 9, 10, 11, 12

Credits: 2.5

Prerequisite: Completion of Music Theory 1

The content of this course would be for the more advanced music student looking for a career in music or following music on the collegiate level. It would include traditional harmony, piano skills, basic musicianship, sight-reading, arranging, transposition, musical analysis, and harmonic progression.

MUSIC APPRECIATION

Grades: 9, 10, 11, 12

Credits: 2.5

The content of this course explores the elements and history of music. Students will increase their knowledge of musical mechanics and develop listening skills to increase their aesthetic appreciation of music. Famous composers, both international and domestic, will be explored. Students will learn to make informed and critical judgments of various styles of music, performances and compositions.

MUSIC HISTORY

Grades: 9, 10, 11 & 12

Credits: 5

This course explores the evolution of music styles from early Gregorian chant to the present. Musical forms covered will include anything from early liturgical songs and madrigals to present day rock and roll and hip hop music. Students will be introduced to these through reading, in-class demonstration, videos, and extensive listening.

MUSICAL THEATER WORKSHOP

Grades: 9, 10, 11 & 12

Credits: 2.5

This class explores the history of the American Musical Theater with an emphasis on further developing the skills necessary for performing in Musical Theater. Students will develop their acting, movement, and vocal performance techniques through active participation. At the end of the course students will give a mandatory performance to showcase the skills they learned in class. Participation in the auditions for the school play will be considered as part of the course grade.

Theatre

INTRODUCTION TO THEATRE ARTS

Grades: 9, 10, 11 & 12

Credits: 2.5

Introduction to Theatre Arts is an exploration into the versatility of theatre. Throughout the course, students will explore the origins and history of theater, learn to critique professional and student productions, and discuss and reflect on theater's connection to their own lives. The course covers major historical aspects of theatre such as important periods and written works, types of theatre, and the various jobs and duties within the theatre business. Areas discussed include script writing, basic acting techniques, directing, introduction to the technical theatre elements and performance theatre elements, as well as current theatrical practices.

DRAMA LITERATURE

Grades: 9, 10, 11 & 12

Credits: 2.5

This course is designed to familiarize students with various aspects of theatrical productions including acting, playwriting, directing, and design within the context of historical and contemporary dramatic literature, theory and criticism. Students will be provided a strong foundational knowledge of story, structure, dramatic action, and character development that will deepen their understanding of the many forms and genres of theater. Through the exploration of theatre history and the multiple roles that theater plays in society, students will develop analytical, critical, and writing skills through observing, discussing, and responding to dramatic literature and to live theater.

ACTING

Grades 9,10,11&12

Credits: 2.5

This course is intended to promote students' experience and skill development concentrating on acting and performance skills. Students will discover how to use their voice and body as tools to create effective pantomimes, characters, and scenes. Be prepared to perform frequently for fellow classmates.

PLAYWRITING

Grades: 9,10,11&12

Credits: 2.5

This course will improve students' skills in creating a script suitable for live production. Students will learn to develop a personal voice, style, and esthetic by expanding their exposure to various playwrights and different types of theatrical techniques and traditions. Students will be expected to write original scenes, one-act plays, and full productions.

ENRICHMENT COURSES

Enrichment courses are provided to students to enhance student achievement in core content areas for Penns Grove High School students. Enrichment courses provide students with 2.5 elective credits. Current enrichment courses include:

Enrichment English Language Arts

Enrichment Math

Enrichment Social Studies

Exploring World Cultures

Genetics

Geography

Lifelong Fitness

Music

Penns Grove Pride

Prep Me College Readiness (PSAT/SAT Prep)

SPECIAL STUDY OPPORTUNITIES

ACADEMY OF ENGINEERING AND TECHNOLOGY

The Academy of Engineering and 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 program design provides a small nurturing, student centered environment for young people who are talented and truly interested in the science and engineering. The focus of the program is to prepare students for lifelong learning as responsible, creative, problem-solving adults. This program offers a rigorous curriculum in science 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. In the senior year students may choose to pursue a option to take engineering and technology courses at Salem Community College or the Freshman Engineering Clinic at Rowan University.

Salem County Arts, Science & Technology High School

Academy of Biological and Environmental Technology at Mannington
Academy of Graphic Design in Multimedia Technology at Pennsville
Academy of Chemical Engineering Technology at Penns Grove
Academy of Communication and Information Technology at Woodstown
Academy of Creative and Performing Arts
Orchestral at Pennsville
Vocal Music at Pennsville
Dance at Woodstown and Salem County Vocational Technical Schools
Visual Arts at Schalick
Drama at Schalick

AGRICULTURAL SCIENCE PROGRAM

The Agricultural Science program at Penns Grove High School prepares students for college, technical school and the workforce in science and agriculture. All courses involve hands-on experiences in agriculture to teach scientific concepts. Students enrolled in any Agricultural Science course receive automatic membership in the National FFA Organization and all of the opportunities that it provides. There are two areas of focus in agriculture that students may study: Plant Science and Animal Science. Each area requires students to complete a sequence of three courses in a specific order. Two courses currently qualify for Dual Credit from Delaware Valley College. For a small fee to the college, students will earn credits from Delaware Valley College upon successful completion of each course.

SALEM COUNTY VOCATIONAL AND TECHNICAL SCHOOLS

Students choosing to attend the Salem County Vocational and Technical Schools receive 20 credits for the full year program. Students returning to Penns Grove High School prior to the end of the first semester will receive zero credits. Students returning to Penns Grove High School after the successful completion of the first semester will receive 10 credits. However, no student will be allowed to re-enter Penns Grove High School from Salem County Vo-Tech after September 30, unless dismissed from Salem County Vo-Tech for disciplinary reasons. All students and parents must sign a contract when registering for Salem County Vo-Tech acknowledging and agreeing to the above.

The Salem County Vocational and Technical Schools offer career and technical training opportunities for high school students and adults on a full and shared time basis. Programs and services are designed to meet the needs of individuals who are entering or planning to attend an institution of higher learning. Applied knowledge and skills in a variety of career and occupational, technical programs are available for those who

desire entry-level employment, job training, occupational licenses and certification, technical updating or for general preparation for the world of work and for further education.

The school's size allows for close relationships among faculty, staff and students. Instructors, with working experience in their field, teach students on state-of-the-art equipment. Students also benefit from the expertise of Perkins Program Planning Advisory Committee members from business, industry and the health fields who advise staff on keeping programs current. Salem County Vocational and Technical Schools continue to modify, redesign and create programs to prepare graduates with marketable skills to become economically self-sufficient and independent. The following programs are available for students who meet the criteria established at the Salem County Vocational and Technical Schools district:

Career and Technical High School

Auto Collision Repair Technology
Automotive Technology
Computer and Communications Systems Technology
(Offered on a full-time basis (9-12) and share-time basis (11-12))
Computer Assisted Design and Drafting
(Offered on a full-time basis (9-12) and share-time basis (11-12))
Construction Technology
Cosmetology
Culinary Arts
Digital Communication/Web Site Design & Application
Electrical Technology
(Offered on a full-time basis (9-12) and share-time basis (11-12))
Emergency Management & Public Safety
Law Enforcement and Public Safety Technology
(Offered on a full-time basis (9-12) and share-time basis (11-12))
Mechanical Technician
Medical Technology
Occupational Child Care
Welding Technology

Employment Prep Center

The educational programs within the Employment Prep Center are essentially designed for ninth and tenth grade students entering into the vocational/occupational segment of education. As students advance through the Prep Center program and meet minimum of levels of performance, they may be mainstreamed into advanced programs of vocational training with the Career Center facility or continue training within the Prep Center program.

The following courses are offered at the Prep Center on a cycle basis:

Introduction to Graphic Occupations
Introduction to Industrial Technology
Introduction to Computer Applications
Introduction to Health Careers
Introduction to Transportation Technology

NOTE: All students who participate in regular shared-time programs have the opportunity to participate in a Cooperative Industrial Education program after two-thirds of their instruction has been completed.