



Pine Hill Public Schools
Overbrook Senior High School
1200 Turnerville Road
Pine Hill, NJ 08021

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INTRODUCTION

"What do you want to be when you grow up?" How many times have you been asked that question? You've probably even developed an answer to get out from under that difficult question. Unless you have a clear and definite career objective in mind, which most of us don't have in high school, you answer, "I'm not absolutely certain yet--go to work or college, maybe." You might even think to yourself, "How am I supposed to know?"

This Guide will help you to find some answers to those questions. This book is about choices and making personal decisions. Course selection forces you to look at yourself today and then imagine what you would like to see in your own future.

It's not easy, but you have some information which can help. How have you done in the past and how are you doing in your current classes? What courses have you enjoyed and gotten the most out of in earlier grades? What do people say are your strengths?

What would you like to do in the future? Have you ever talked to your parents, your friends, counselors or teachers about your private dreams for after high school? These people, who are important in your life, can help you to get those ideas out on the table. You might then have a clearer understanding of where you are and where you would want to go.

If you plan to go to a two-year college or a specialized school, what courses do you need to take now?

If you plan to go to a four-year college, what are the general requirements for college admission? What specific courses are needed for the particular college(s) you would like to apply?

If you are uncertain as to career or college, what courses can you take which will allow you to move in as many different directions as possible when your future plans become clearer?

Evaluate your present situation and look to the future. Develop an action plan that makes the most of your own skills, needs and interests.

FOR ALL STUDENTS:

For school year 2011-2012, the graduation requirements include required and elective courses as follows:

A. The required courses are:	
1. One year of physical education/health for each year in high school	20 credits
2. Four years of English	20 credits
3. Three years of mathematics	15 credits
4. Three years of science	15 credits
5. Three years of social studies, including two years of United States History	15 credits
6. One year of visual and performing arts	5 credits
7. One year of practical arts	5 credits
8. One year world language	5 credits
<i>Total Required Course Credit</i>	<i>100 credits</i>
B. The student must elect courses totaling at least twenty credits.	
Minimum Elective Course Credit	<u>+ 20 credits</u>
MINIMUM TOTAL REQUIRED FOR GRADUATION	120 credits

The ninth grade required courses will be in the following subjects and will be included in the accounting of credits toward graduation:

1. Physical Education	5 credits
2. English	5 credits
3. Mathematics	5 credits
4. Science	5 credits
5. US History	5 credits
6. World Language	5 credits
7. Visual, Performing or Practical Arts	<u>5 credits</u>
	35 credits

In order to be promoted to the tenth grade, a student must earn at least 30 credits. A student who earns less than a total of 30 credits will be retained in the ninth grade; 60 credits are necessary for placement in an 11th grade homeroom; 80 credits are necessary for placement in a 12th grade homeroom.

Credits will be assigned on the same basis to all high school courses offered by the Board. In all cases, mastery of course proficiencies shall be assessed by the school district. Credits shall be assigned by the number of times a class meets each week during the school year. One credit will be granted for each period a week. The maximum number of credits in any course will be ten per year. When courses are divided into combined courses, credit may be awarded at the end of the semester and the credits and grade will be final at that point.

Students are required to repeat failed courses needed for graduation. Students who have received a final grade less than 55 must repeat that subject and cannot attend summer school/tutorial. A student may attend an

administratively approved summer school during the summer immediately following the failure. No more than two courses may be taken in a summer session. Financial arrangements for summer school and/or tutorial are the responsibility of the parent.

One year of physical education/health must be passed for each year in school. Students with an official medical excuse from physical education will be given written assignments that will determine their grade.

Please be aware that beginning with the class of 2014, every student in New Jersey Public Schools must pass 2.5 credits of financial literacy (personal finance). These courses will be offered in the Junior and Senior year beginning with the class of 2014.

Students are tested annually to determine their level of proficiency in basic skills. Any student who is not able to meet minimum proficiency levels as determined by New Jersey State testing or a district approved standardized test must participate in remedial programs. Students must demonstrate required skill competencies in the mandated state testing program or satisfy alternatives prescribed by state regulations in order to receive a state endorsed high school diploma.

Our curriculum offers students many opportunities to demonstrate their knowledge and understanding as well as their diverse talents and skills. We also recognize that our students have different goals and ambitions beyond high school and we seek to encourage the fullest development of each person's potential and ability to reach these objectives. This philosophy has been followed in establishing a method of determining each student's grade point average (GPA) and rank in class. This information is communicated to post-secondary schools, colleges and universities, potential employers, parents and the students.

Courses are grouped by level. Each level has a different numerical value for the final grade earned by the student in a specific course. The levels are:

Level I course	Modified/Remedial
Level II courses	General/Introductory
Level III courses	College Preparation/Career Preparation
Level IV courses	Honors/Advanced Placement

The grade point equivalent for each full period course is calculated by multiplying the credit earned in a particular course by the numerical value assigned to that course. The grade point average (GPA) will be determined by adding the grade point equivalents of the final course grades and dividing by the total number of credits attempted. A numerical listing of the grade point averages of all the students in a particular class will reflect a student's rank in that class.

The grade "WP" (withdraw/passing) or "WF" (withdraw/failing) will receive no grade point equivalent. However, it will increase by one the total number of courses taken by the student after the first marking period.

The four years of required physical education are excluded from the calculation of the GPA for the class of 2012. Physical Education will be included in the GPA for all freshmen, sophomores and junior students.

Grade	Level			
	I	II	III	IV
93-100	2.00	3.00	4.00	5.00
86-92	1.80	2.60	3.40	4.20
76-85	1.60	2.20	2.80	3.40
70-75	1.40	1.80	2.20	2.60
69 or below			No Value	

A grade point average will be calculated for all students at the end of their sophomore and junior years. Upon completion of this process, a class rank will be determined. In addition, the grade point average of the top 25 students in the class will be updated at the end of the third marking period of their senior year. The purpose of this re-ranking is to determine which students should be designated valedictorian and salutatorian for graduation purposes. The top graduate in each major program area will also be recognized at graduation. A student may only be considered for valedictorian and salutatorian honors if the student is enrolled in the district prior to the end of the student's junior year.

Honors Courses

Students who are considered gifted in specific areas will be offered accelerated courses through the Honors and AP classes.

Below is an outline of the more rigorous criteria required for enrollment into the honors courses. While students are strongly encouraged to meet all of the established criteria, certain considerations may be made with the approval of the Curriculum Coordinator.

Students will be notified of their Honors standing as of July 1st preceding the year in which they take the Honors course(s). No waivers or considerations for Honors will be given to any student who does not participate in the Honors Committee Selection Process. Exception: New entrants entering as of September 30 of the year in which they choose to take the Honors course. Determination for entrance will be made by the Curriculum Coordinator(s) and the Building Principal.

MUSIC HONORS

Honors Band: Grades 9 / 10 / 11 / 12

- Prerequisites:**
1. Minimum grade of 93% in previous band course
 2. Completed rating form from instrumental music director
 3. Pre-audition for the instrumental music director
 4. Audition for the music panel

- Audition Requirements:**
1. Ability to play scales to 3# 's and 3b 's
 2. Performance of a prepared solo approved by the current instrumental music teacher
 3. Ability to sight-read Pieces to be selected by the panel

Interview: A short interview session will be held to determine the student's understanding of the expectations for the honors course.

Honors Vocal Music: Grades 9 / 10 / 11 / 12

- Prerequisites:**
1. Minimum grade of 93% in previous vocal music course
 2. Completed rating form from choral director
 3. Pre-audition for the current choral director
 4. Audition for the music panel

Audition Requirements:

1. Ability to sing two major scales ascending and descending:

	<u>Low</u>	...	<u>High</u>
Soprano I:	E	....	B \flat
Soprano II:	C	....	G
Alto I:	A	....	E
Alto II:	G*	....	C
Tenor I:	E	....	A \flat
Tenor II:	C	....	F \sharp
Bass I:	A	....	E
Bass II:	E*	....	C

* descending scale first

2. Performance of a prepared solo demonstrating vocal range, tone and pitch quality and general musicianship. The piece must be approved by the current choral director
3. Ability to sight-read pieces to be selected by the panel

Interview: A short interview session will be held to determine the student's understanding of the expectations for the honors course

ART HONORS

Honors Art courses follow the acceptance criteria below. (In the area of art there is no honors course in Art I.)

- Prerequisites:**
- 1. Minimum grade of 90% in previous art course**
 - 2. Completed rating form from previous art teacher**
 - 3. Submission of a portfolio to be evaluated by a panel**

Portfolio and submit a Requirement:

- 1. Students will prepare portfolio of their best artwork to be evaluated by a panel made up of the art teachers in the district.**

HONORS SCIENCE

Honors Lab Biology - Grade 9

1. Minimum grade of 90 from appropriate science prerequisite
2. 9th grade honors requires a proficient score on GEPA math and science

Honors Science - Grades 10 / 11 / 12

1. Minimum grade of:

(Lab Biology)

- a. 93 from appropriate CP science
- b. 86 from appropriate HR science prerequisite

(Chemistry, Physics)

- a. 93 from appropriate CP science prerequisite
- b. 86 from appropriate HR science prerequisite
- c. 90 from appropriate CP level math course
- d. 86 from appropriate HR level math course

AP Science - Grade 11 / 12

1. Minimum grade of:

(Lab Biology)

- a. 93 from appropriate CP science prerequisite
- b. 86 from appropriate HR science prerequisite

(Chemistry, Physics)

- a. 93 from appropriate CP science prerequisite
- b. 86 from appropriate HR science prerequisite
- c. 90 from appropriate CP level math course
- d. 86 from appropriate HR level math course

HONORS SOCIAL STUDIES

Honors World History - Grade 9

1. Minimum grade of 90 from appropriate social studies prerequisite
2. 9th grade honors requires a proficient score in GEPA Language Arts.

Honors Social Studies - Grades 10 / 11 / 12

1. Minimum grade of:
 - a. 93 from appropriate CP social studies prerequisite
 - b. 86 from appropriate HR social studies prerequisite

AP American History - Grade 12

1. Minimum grade of:
 - a. 93 from appropriate CP social studies prerequisite
 - b. 86 from appropriate HR social studies prerequisite

AP Psychology - Grade 12

1. Minimum grade of:
 - a. 90 from appropriate CP social studies prerequisite
 - b. 86 from appropriate HR social studies prerequisite

HONORS ENGLISH

Honors English - Grade 9

1. Minimum grade of 90 from appropriate English prerequisite
2. 9th Grade honors requires a proficient score in GEPA Language Arts

Honors English - Grades 10 / 11 / 12

1. Minimum grade of :
 - a. 93 from appropriate CP English prerequisite
 - b. 86 from appropriate HR English prerequisite

AP English - Grade 12

1. Minimum grade of :
 - a. 93 from appropriate CP English prerequisite
 - b. 90 from appropriate HR English prerequisite

HONORS THEATRE ARTS

Honors Theatre Arts III / IV

1. Approved student application of interest outlining honors projects.
2. Minimum grade of 93 in Theatre Arts II.
3. Minimum grade of 93 in Theatre Arts III.
4. Minimum grade of 86 in HR Theatre Arts III.

HONORS MATH

Honors Algebra 1- Grade 9

1. Minimum grade of :
90 from appropriate Math prerequisite
2. 9th Grade honors requires a proficient score in GEPA Mathematics

Honors Geometry - Grades 9 / 10 / 11 / 12

1. Minimum grade of :
 - a. 93 from Algebra I
 - b. 86 from HR Algebra I
2. 9th Grade honors requires a proficient score in GEPA Mathematics

Honors Algebra II - Grades 10 / 11 / 12

1. Minimum grade of :
 - a. 93 from Algebra I
 - b. 86 from HR Algebra I

Trig-Advanced Concepts - Grades 11 / 12

1. Minimum grade of :
 - a. 93 from appropriate CP Math prerequisite
 - b. 86 from appropriate HR Math prerequisite

Honors Calculus - Grade 12

1. Minimum grade of :
 - a. 93 from appropriate CP Math prerequisite
 - b. 86 from appropriate HR Math prerequisite

AP Calculus - Grade 12

1. 86 from Trig-Advanced Concepts

GUIDANCE SERVICES

Our schools have guidance counselors who seek to help students with their educational career and personal needs. Each student has been assigned to a counselor who meets with him/her on a regular basis during the school year.

The guidance counselor and others will first seek to explain the curriculum in a general way to students in large groups. A follow-up meeting will take place to provide individual student planning.

Parents are invited to participate in the scheduling process. Parents may attend the scheduling conference with the students when courses are selected. Parents will be advised of the scheduling timetable in each school. After parents have received this information, they should contact the guidance office and indicate their decision to attend their child's course selection meeting.

Students are encouraged to contact the guidance office should problems or questions arise related to course selection. Counselors are available for parent conference by appointment. Counselors can be reached by calling the main number 767-8000.

COURSE SELECTION

While counselors can advise the student in course selection as it relates to future plans, the student and his/her parent or guardian make the final decision. Changes in courses however, once the school year is underway, are much more difficult to make due to class size, restrictions in the master schedule and conflicts with other courses. The student should not choose courses on a "trial" basis, since schedule changes are difficult once the school year begins. The student and parents/guardians should make course selection very thoughtfully and carefully.

No requests for course changes will be considered after the 15th day of the beginning of the school year.

As you move towards senior year, realize that you may not be able to receive all of your choices of electives since there are a greater number of choices in junior and senior year. Students should be prepared to prioritize their electives and understand that one or more choices may be precluded due to limitations of: teacher availability, room availability, enrollment numbers, master schedule, conflicts.

FOUR-YEAR SCHEDULE PLANNER

It is also recommended that each student should

develop a four-year schedule plan. This written plan will be helpful in making sure that the student will have room in his or her schedule for the courses needed and wanted during high school (Grades 9-12). The plan should be retained by the student throughout high school and changed as circumstances change.

The Four-Year Schedule Planners are contained in this Guide {page 87} for student and parent use. It should be brought by the student to the scheduling meeting.

COURSE ACCESSIBILITY

No student will be denied access to courses offered at our schools because of race, sex, physical handicap, religion, national origin, ancestry or culture.

The courses described on the following pages will only be scheduled if there is adequate student enrollment in each course offered and teachers available to teach. If enrollment is not sufficient, or staff is unavailable, the administration reserves the right to cancel the course. The students affected by cancellation of courses will be contacted to make substitutions.

It is wise to select a few alternatives when the student is scheduled. Otherwise, if courses are canceled in the summer and an alternate must be selected, the decision may have to be made by the counselor or administrator without direction from the parent or student.

HOMEROOM PLACEMENT

Students are placed in homeroom based upon the total number of credits earned. There are no exceptions.

Grade 10 - At least thirty (30) credits

Grade 11 - At least sixty (60) credits

Grade 12 - At least eighty (80) credits

PREREQUISITE

The word, "Prerequisite," is used in the Guide to indicate a course or courses which are required or in which the student has proven to be proficient (grade of 76 or better) unless otherwise noted, before a student can take that particular course.

GRADE POINT AVERAGE - WEIGHTED GRADES

A student's grade point average is based upon the number of courses and level of courses (Level I, II, III, IV) that a student takes in high school (Grades 9-12). The grade point average determines placement in class. However, it

should be noted that this information is used almost solely for college admission.

Students who plan to attend a four-year college should be concerned about their grade point average. However, this concern should be tempered by the student's ultimate college and career objectives, as well as the development of personal interests and skills.

Students who plan to attend a two-year college or start in a career directly after high school should be concerned about obtaining the best academic preparation possible, and also in taking courses which will equip them to meet the demands of the programs offered at the two-year colleges and the real world of work after high school.

HONORS COURSES

A more rigorous acceptance criteria for the honors courses is being phased in with Grade 9. Some courses carry an Honors (IV) designation. These courses are offered to students who are capable of serious academic effort at an accelerated pace. These courses are weighted accordingly. A grade of at least **86** in the preceding Honors course or **93** in the previous college prep course in preceding course is required. Teacher recommendation may also be required. Prerequisite means successful completion of any course indicated along with other specific criteria mentioned. **Please see outline beginning on page 6.**

HONORS ART/MUSIC (Band, Jazz Band, Chorus)/ COMPUTER SCIENCE

There are courses in art, music and computer science which may be taken for "Honors" credit. During the course, the student will be asked to demonstrate outstanding individual work which will be reflected in the student's exhibition, performance at a recital or individual projects. Students must be approved through an assessment procedure which will involve a portfolio, or an audition, or a performance test. Specific criteria for each area are outlined on page 5 and 6.

COLLEGE ADMISSION

Students who are considering going to college should keep in mind that the MINIMUM number of school units required for college admission typically include:

College Prep English	- 4 years
College Prep Math (Algebra I and II, Geometry)	- 3 years
Laboratory Sciences (Lab Biology/Chemistry)	- 2 years
College Prep Social Studies (World History, US History I and II)	- 3 years
World Language	- 2 years
Academic Electives	- 2 years

Although colleges vary in their selectivity, it is STRONGLY recommended that students take more than the bare minimum if they hope to be competitive. Colleges will expect to see a high level of academic preparation reflected in high school courses, grades, grade point average and SAT scores. IDEALLY, A COLLEGE-BOUND STUDENT SHOULD BE PREPARED TO TAKE 4 YEARS EACH OF ENGLISH, MATHEMATICS, SCIENCE AND SOCIAL SCIENCE COURSES.

Because colleges are also interested in "well-rounded" students, participation in extra-curricular activities is also advisable.

SENIOR ALERT

College-bound seniors are strongly advised to take as strong an academic program as possible--at least as strong as the previous three years. Colleges are now looking at senior schedules and report cards to see if their applicants have continued the quality of work that was performed earlier.

WARNING: JUST PASSING MAY BE DANGEROUS TO YOUR ACADEMIC HEALTH

Some students feel that "passing" or "just getting by" is enough. They are satisfied with grades in the 76-85 range. It should be pointed out that grades in this range do not reflect a sufficient skill level for most colleges. Unfortunately, even in high schools, "just passing" in the introductory course based largely upon homework and class work, can often lead to failure in more advanced courses (e.g. Algebra I-Algebra II; Spanish I-Spanish II). The stronger the foundation, the better the building!

ADVANCED PLACEMENT COURSES (Prerequisite)

Several courses carry an ADVANCED PLACEMENT designation. These are college level courses which also provide students an opportunity to take College Board Advanced Placement Exams. Students who score at acceptable levels on these national tests may receive advanced placement college credits. The acceptable level is identified by the university or college in which the student enrolls. AP courses are offered in English 12, Calculus, Advanced Biology, Advanced Chemistry and American History and Psychology (Grades 11-12). AP Prerequisites are described on pages 7 & 8. (Look for this highlighted designation in the Course Description section.)

SUMMER TUTORING

The student may only make up courses with summer tutoring that the student failed the previous school year. Students who have received a final grade less than 55 must repeat that subject and cannot attend summer school/tutorial. Individual summer tutoring must have the pre-approval of the curriculum coordinator.

Students are not permitted to take courses in the summer for advanced credit toward graduation. **A student may take a MAXIMUM of two (2) courses or ten credits in an approved summer school program or tutorial.**

REMEDIAL COURSES

Students will be scheduled into remedial courses based upon their performance on State and District standardized tests.

The Pine Hill Public School District is required to provide remediation to any student who has been identified as "at risk" of not passing the high school graduation requirement of the HSPA-11. Courses have been designed to support the student's general academic success, as well as trying to insure success on the HSPA-11. Remedial classes in English and mathematics are provided in Grades 9 through 12.

Parents will receive an individual student report of this testing for their child. It is critical that all students approach all testing seriously, as the test results largely determine their placement in the following year's courses in English and mathematics.

TECH PREP ARTICULATED PROGRAMS (ADVANCED STANDING CREDIT)


Identified as "Tech Prep" programs in this Guide, these are courses in which the teacher may certify that students have acquired college-equivalent competencies. This is done for individual students and an individual student record form is completed and signed by the teacher and high school principal. This may be used to waive basic college courses, give college credit for these courses and/or give advanced standing in a program to a student who enters Camden County College. Tech Prep Articulated Programs are in:

- Business
- Computer Science
- Drafting CAD
- Marketing and Distributive Ed.
- Computer Graphics
- Pre-Engineering

(Look for this boxed designation in the Course Description section.)

COMBINED (SEMESTER) COURSES

The district is offering courses that are one semester in length (two marking periods). These courses must be taken in pairs. These pairs are indicated in the catalog by this

symbol  .

A student earns 2.5 credits for each “semester” course successfully completed, 5 credits for the combined courses. Final exam exemption is not available for combined courses.

Students should be very careful selecting combined courses, deadlines for course changes and drops will remain the same as full year courses and if the student drops the first semester course, they must also drop the second.

DUAL CREDIT COURSES

Dual credit courses identified in this “Course Selection Guide” are courses in which students may earn college credit as well as high school credit. Students are not automatically eligible for college credit by merely enrolling in these high school courses, but must meet the following standards required by the New Jersey Department of High Education.

1. Participation shall be limited to high school college preparatory 11th or 12th graders who demonstrate superior performance in high school courses.
2. Students shall be permitted to take no more than two dual-credit courses simultaneously.
3. College courses of study and college texts or their equivalents shall be used.
4. Students must earn a grade of 76 or better to gain college credit.
5. Students must complete Camden County College Application for Admission.
6. Credits may or may not be transferrable to another college or university depending upon that institution’s policy for transfer of any undergraduate credits in a particular program.
7. A fee may be charged by the accrediting college.

(Look for this highlighted designation in the Course Description section.)

INDEPENDENT STUDY

This course provision is made for students completing work in a subject area for which there is no advanced course. Students must work under the supervision of a teacher who will develop a course of study that is distinctly different from other offerings. The student may work in a classroom with other students, in the library or computer lab at the teacher's direction, or in another assigned area. Directed Study requires the approval of the Curriculum Coordinator.

Prerequisite: To be determined by the instructor, Curriculum Coordinator and approved by the Building Principal. This will be considered Level III & IV, for grades 11 and 12 only.
Possible credits: 1.25, 2.5, 5.0.

English

Course Sequencing

Honors (Level IV)

Hrs. English 9 (2035)
Hrs. English 10 (2135)
Hrs. English 11 (2235)
AP English 12 (2330)

College Prep (Level III)

English 9 - CP (2040)
English 10 - CP (2140)
English 11 - CP (2240)
English 12 - CP (2340)

General (Level II)

English 9 (2045)
English 10 (2145)
English 11 (2245)
English 12 (2345)

ENGLISH

ENGLISH - Introduction: All students must pass four years of English in order to be graduated from a New Jersey high school. At our high schools, these courses have several designations: the grade at which the course is offered, and the level of achievement required in grades 9-12 which will be Level IV (Advanced Placement/Honors), Level III (College Preparatory), Level II (General/Introductory), and Level I (Remedial/Special Education-Modified). Students in the Advanced Placement/Honors and College Preparatory levels are expected to work with greater independence and do more extensive reading and writing activities than students in the General/Introductory level. Honors courses have both academic and achievement pre-requisites.

Course #: 2035
Level: IV
Grade/s: 9
Credits: 05
Course Title: **HONORS ENGLISH 9**

Description:

The course content is based on evaluation and analysis of various literary forms. Emphasis is placed on high-level thinking skills, integration of knowledge and product-oriented projects. The purpose of the course is to provide advanced language arts experiences and opportunities for students who have mastered the individual reading, writing and speaking skills at the seventh and eighth grade levels.

Pre-requisite: Honors prerequisite (see page 8).

Course #: 2040
Level: III
Grade/s: 9
Credits: 05
Course Title: **ENGLISH 9 - College Prep.**

Description:

The course content is based on application of reading, writing and speaking skills which have been introduced and/or mastered at the eighth grade level. Levels of investigation and evaluation are stressed. Curriculum is taught through use of the short story, essay, drama, novel and poetry. Many projects are product-oriented.

Course #: 2045
Level: II
Grade/s: 9
Credits: 05
Course Title: **ENGLISH 9**

Description:

This is a required course in language study which has been developed specifically for the ninth grade student and is a continuation of those programs which precede it. Course content expands and defines specific speaking skills, composition activities, grammar usage, research techniques, and reading skills. Students are introduced to various types of literature. Regular systematic instruction is provided to help students pass the HSPA.

Course #: 2085
Level: I
Grade/s: 9
Credits: 05
Course Title: **ENGLISH 9 - Refresher**

Description:

This course is designed to improve students' skills in writing, reading, and speaking through the teaching of literature (reading), grammar (composition) and process writing. Emphasis is placed on meeting the individual needs of the students through diagnosis and remediation of skills to raise general competence. Critical thinking is taught through discussion of literature and composition of essays that emphasize analysis, organization, formation, and evaluation of an idea or opinion. Students will be assigned to this course based upon student performance on the GEPA and performance in grade 8 Language Arts.

Course #: 2055-2080
Level: I
Grade/s: 9
Credits: 05
Course Title: **English 9**
Description:

This course will concentrate on developing a student's basic communication skills. The purpose of this course is to reinforce specific speaking, composition and reading skills, grammar usage and research techniques. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations.

Course #: 2135
Level: IV
Grade/s: 10
Credits: 05
Course Title: **HONORS ENGLISH 10**
Description:

This course will expand the student's proficiency in English skills. Systematic vocabulary development will continue with additional activities with roots, affixes and analogies. The reading material includes selected works of literature with a focus on the study of the various literary forms. Written composition activities will concentrate on paragraph and essay development through a variety of types and methods. Students will be able to understand how to express themselves clearly and effectively.

Pre-requisite: Honors prerequisite (see page 8).

Course #: 2140
Level: III
Grade/s: 10
Credits: 05
Course Title: **ENGLISH 10 - College Prep.**
Description:

This course will seek to develop greater student proficiency in basic skills of English grammar, usage and vocabulary. Additional skill areas will include library research, study and organizational skills, listening, speaking and critical thinking. Activities in literature will include introductory study of literary forms including short story, poetry, essay, drama and the novel.

Pre-requisite: Proficient CP English 9

Course #: 2145
Level: II
Grade/s: 10
Credits: 05
Course Title: **ENGLISH 10**
Description:

This course will continue with the development of the student's basic skills of grammar, usage and vocabulary. Drill activities will be used to eliminate common errors and strengthen individual reading and writing skills. Students will work on developing composition skills, and practice in basic research methods. Types of literature studied are: short story, poetry, drama and the novel. The selections will focus on practical situations and easily identified personalities.

Course #: 2190
Level: I
Grade/s: 10
Credits: 05
Course Title: **ENGLISH 10 - Refresher**
Description:

This course is designed to improve students' skills in writing, reading, and speaking through the teaching of literature (reading) and grammar (composition). Emphasis is placed on meeting the individual needs of the students through diagnosis and remediation of skills to raise general competence. Critical thinking is taught through discussion of literature and composition of essays that emphasize analysis, organization, formation, and evaluation of an idea or opinion. A major focus of this course will be the preparation of students for the 11th Grade HSPA. Students will be assigned to the course based upon student performance on standardized testing and in previous daily classroom instruction.

Course #: 2155-2180

Level: I
Grade/s: 10
Credits: 05
Course Title: **English 10**
Description:

This course will continue with the development of the student's basic communication skills. A strong emphasis will be placed on grammar usage and vocabulary. Special strategies will be utilized to strengthen reading and writing skills. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations.

Course #: 2235
Level: IV
Grade/s: 11
Credits: 05
Course Title: **HONORS ENGLISH 11**
American Literature

Description:

This course will center on the study of major writers and genres of American literature. The students will concentrate on critical analysis of literature and responding to the literature in standard critical form. Intensive vocabulary work will be included in the course. Grammar will be studied in conjunction with composition and research skills. Writing activities will concentrate on the writing of full length compositions which develop a thesis statement. Various reports and research papers, as well as SAT preparation activities, are required course work.

Pre-requisite: Honors prerequisite (see page 8).

Course #: 2240
Level: III
Grade/s: 11
Credits: 05
Course Title: **ENGLISH 11 -
College Prep.**

American Literature

Description:

This course will continue to develop needed college preparation skills of English grammar, usage, SAT style and literary vocabulary. Written activities will include many compositions, essays, and a formal research paper. The literary focus of this course will survey several periods of American literature. Students will study various authors and their works and be asked to communicate their reactions through discussions, writing assignments, and tests. Attention will also be given to the works of several great American novelists and an analysis of what constitutes literary "greatness." A good English vocabulary and writing ability will be required of students in this course.

Pre-requisite: Proficient in CP English 10

Course #: 2245
Level: II
Grade/s: 11
Credits: 05
Course Title: **ENGLISH 11**

American Literature

Description:

This course will review and reinforce earlier skill development in the area of English grammar usage. The purpose of writing will be to help the student to correct common writing errors and eliminate areas of weakness. The student will be involved in the study of selected stories, plays and poems that focus on American authors, American literature and history through literature. Special emphasis is placed on practical career oriented skills. Report projects, book reports and an oral report are required in this course.

Course #: 2285
Level: I
Grade/s: 11
Credits: 05
Course Title: **ENGLISH 11 - Refresher**
Description:

This course is designed to improve more basic students' skills in writing, reading, and speaking through the teaching of literature (reading) and grammar (composition). Emphasis is placed on meeting the individual needs of the students through diagnosis and remediation of skills to raise general competence. Critical thinking is taught through discussion of literature and composition of essays that emphasize analysis, organization, formation, and evaluation of an idea or opinion. A major focus of this course will be the preparation of students for the 11th Grade HSPA. Students will be assigned to this course based upon student performance on standardized testing and in classroom instruction.

Course #: 2255-2280
Level: I
Grade/s: 11
Credits: 05
Course Title: **English 11**
Description:

This course is designed to reinforce and improve reading and writing skills with an emphasis on HSPA preparations the first half of the year. The curriculum will be modified by varying teaching techniques, strategies, and materials to meet the educational needs of students eligible for accommodations.

Course#: 2330
Level: IV
Grade/s: 12
Credits: 05
Course Title: **AP ENGLISH 12**
(Advanced Placement)

Description:

The twelfth grade English Advanced Placement course is an accelerated program designed to expose the superior student to college level studies. By examining works from British and World Literature, students will be involved in the study and practice of writing and the study of literature. The students will read and critique several representative works from various genres and periods. The students will write assorted essays and complete sample tests as a preparation for taking the Advanced Placement Examination in English Literature and Composition, devised and supplied by the College Board

Prerequisite: Advanced Placement prerequisite (see page 12).

Course #: 2340
Level: III
Grade/s: 12
Credits: 05
Course Title: **ENGLISH 12 - College Prep.**
British Literature

Description:

This course will include a study of the chronological development of British literature. Representative works from different periods and authors will be read and reviewed. The literature will be used to stimulate student writing and reading skills. Research and composition activities will be practiced extensively.

Pre-requisite: Proficient in CP English 11

Course #: 2345
Level: II
Grade/s: 12
Credits: 05
Course Title: **ENGLISH 12**
British Literature

Description:

This course will include reading and writing skills applied through a survey of British Literature. Vocabulary enrichment, essay writing, book reports and grammar will be emphasized. Discussion activities will supplement the regular classroom activities.

Course #: 2385
Level: I
Grade/s: 12
Credits: 05
Course Title: **ENGLISH 12 - HSPA**

Description:

This course is designed to improve students' skills in reading and speaking through the teaching of literature (reading). Emphasis is placed on meeting the individual needs of the students through diagnosis and remediation of skills to raise general competence. Critical thinking is taught through discussions of literature that emphasize analysis, organization, formation, and evaluation of an idea, or opinion. Students will be assigned to Level I based on level of remediation needed as identified on the 11th grade High School Proficiency Assessment (HSPA). Alternative High School Assessment (AHSA) will be completed for each student.

Course #: 2355-2380
Level: I
Grade/s: 12
Credits: 05
Course Title: **English 12**

Description:

This course is designed to improve a student's practical reading, writing and speaking skills. Using literature, critical thinking skills are taught. The curriculum will be modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations.

Course #: 4855
Level: I
Grade/s: 9-12
Credits: 05
Course Title: **ACADEMIC SUCCESS
WORKSHOP**

Description:

The purpose of this course is to provide a structured learning environment in which students eligible for accommodations can complete homework, review class work, develop better study habits, process the text material, build basic skills and find personal support and encouragement. This course is taken in conjunction with a typical student's regular daily program.

Course #: 2425
Level: III
Grade/s: 9-12
Credits: 05
Course Title: **SPEECH AND PUBLIC
SPEAKING**

Description:

This course is designed to teach students the fundamentals of public speaking and speech writing. Students will first develop strategies for conquering stage fright, including relaxation and breathing techniques, as well as having multiple performance opportunities during class time. The skills focused on during this class will include but not be limited to: prewriting and organizational techniques, researching and referencing materials, projection, articulation, increased vocabulary, and structuring personal, informational, and persuasive speeches. Students can expect a high energy, interactive class that will help them develop the skills they need to confidently represent themselves during that big job interview or college application!

Course #: 2205
Level: III
Grade/s: 9-12
Credits: 05
Course Title: **THEATRE I**
Description:

This course is designed to introduce students to the fundamentals of theatre in a fun and interactive way. Students will start the year by learning a variety of relaxation and breathing techniques, as well as community building and trust activities, which will create a supportive environment for learning and producing theatre. The skills focused on during this class will include but not be limited to: improvisation, beginning playwriting and textual analysis, character study, physical theatre, projection, articulation, beginning acting techniques, constructive criticism, and understanding Shakespeare. Students can expect a high energy class that will give them the skills they need to pursue a career in theatre by increasing their confidence and providing them with numerous performance opportunities.

Prerequisite: After enrolling for the course, students will go through a two week evaluation to determine their eligibility for this class.

Course #: 2405
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **THEATRE II**
Description:

Description: This course is designed to increase proficiency in the fundamentals of theatre. Students will continue to build on the skills they learned in Theatre 1, while expanding their breadth of knowledge and experience. The skills focused on during this class will include but not be limited to: long form improvisation, developing character and dialogue through playwriting, stage management, analysis of plays from multiple genres, monologue workshops, stage combat, Shakespearean scene work and analysis, and acting technique workshops focusing on the methods of Constantin Stanislavski, Rudolf Laban and Sanford Meisner. Students can expect a high energy class that will give them the skills they need to pursue a career in theatre by increasing their professionalism and providing them with numerous performance opportunities.

Prerequisite: Theatre 1 and recommendation of Theatre instructor.

Course #: 2470/2475
Level: III/IV
Grade/s: 11-12
Credits: 05
Course Title: **THEATRE III /
HONORS THEATRE III**

Description:

This course is designed to introduce students to advanced theatre techniques. Students will use what they have learned from Theatre 1 and 2, as they continue to learn a variety of acting techniques and are introduced to new playwrights and genres of plays. The skills focused on during this class will include but not be limited to: acting techniques from Harold Guskin, Peter Hall, and Larry Moss, writing and developing ten minute plays, monologue and scene workshops, creating an audition portfolio, beginning directing techniques, beginning lighting and set design, Shakespearean scene work, theatre vocabulary, cold readings, and audition preparation techniques. Students can expect a high energy class that will increase their theatrical awareness and provide them with numerous performance opportunities. In addition to the requirements of this class, honors students will be given additional coursework and performance opportunities as honors level theatre enrichment.

Prerequisite: Theatre 1 and 2 and recommendation of Theatre instructor.

Level: III / IV
Grade/s: 11-12
Credits: 05
Course Title: **THEATRE IV /
HONORS THEATRE IV**

Description:

This course is designed to increase proficiency in advanced theatre techniques and prepare students for a career in theatre. Students will draw from what they have learned from Theatre 1, 2 and 3 to further their understanding of theatre terminology and technique. The skills focused on during this class will include but not be limited to: directing techniques from William Ball, historical and abstract design concepts, audition techniques for stage and film, continuing to add to an audition portfolio, writing and directing ten minute plays, and continuing to learn styles of acting and directing. As a culmination of their high school theatre experience, Theatre 4 students will take part in projects where they will be responsible for directing Theatre 3 students. They will also continue to build auditioning skills by completing an audition portfolio of monologues from various genres and playwrights. Students can expect a high energy class that will prepare them for college auditions and a professional career in theatre through a variety of performance and directing opportunities. In addition to the requirements of this class, honors students will be given additional coursework and performance opportunities as honors level theatre enrichment.

Prerequisite: Theatre 1, 2 and 3 and recommendation of Theatre instructor.

Course #: 2480/2482

Course #: 2395
Level: II, III
Grade/s: 9-12
Credits: 05

Course Title: **ESL I**
(English as a Second Language)

Description:

This course is for students who have been identified as having a native language other than English. A process for identifying these students is initiated by guidance using information presented at registration or teacher referral and State mandated testing.

Students who are identified as LEP (Limited English Proficient) may elect to have ESL count towards the two years of foreign language and English class requirement.

Course #: 2396

Level: II, III

Grade/s: 9-12

Credits: 05

Course Title: **ESL II**
(English as a Second Language)

Description:

This course is for students who have been identified as having a native language other than English. A process for identifying these students is initiated by guidance using information presented at registration or teacher referral and State mandated testing.

Students who are identified as LEP (Limited English Proficient) may elect to have ESL count towards the two years of foreign language and English class requirement.

Prerequisite: ESL I or Teacher Recommendation

Description:

In order to improve the reading levels and skills of students, it is important to keep them reading. We need to stress reading for both information and pleasure. One way to support the improvement of reading skills is to encourage students to read all the time. This means that students need to read during the summer months as well as when school is in session. A required summer reading program sends the message that the district believes that reading is a key component for student achievement. The program is designed in such a way as to not only encourage reading but also to have the students enjoy the experience so they may become life-long readers.

Students will be required to read one book which will be provided by the district. Upon reviewing the reading list, it should be noted that students will have a choice between two books which are appropriate to the grade and level of the English in which they are enrolled and approved by the Board of Education. In addition, a brief synopsis of each book has been provided.

All students will be assessed on the reading list when they return to school in the fall. The assessment will be in the form of an essay that identifies various concepts about the novel(s). The results of the essay will be averaged into the first marking period grade as a test score.

The Summer Reading List can be found on the District's Web Page (www.pinehill.k12.nj.us). Parents have the right to request alternative reading for any selections they find inappropriate.

Social Studies

Course Sequencing

Honors (Level IV)

Hrs. US History I (2630)
Hrs. US History II (2730)
Hrs. World History (2530)

College Prep (Level III)

US History I - CP (2635)
US History II - CP (2735)
World History - CP (2535)

General (Level II)

US History I (2640)
US History II (2740)
World History (2540)

SOCIAL STUDIES

SOCIAL STUDIES - Introduction: All students are required to take at least three courses in Social Studies to meet graduation requirements. Included in this minimum is two U.S. History and one year of World History. Additional college preparatory courses in social studies are strongly recommended for the academic student.

Course #: 2630
Level: IV
Grade/s: 9-10-11
Credits: 05

Course Title: **HONORS UNITED STATES HISTORY I**

Description:

The first year of a two-year course requirement, United States History I covers the political, social and economic events which have shaped our country. Students will identify, analyze and evaluate the cause and effect relationships that have historical significance. Students are required to analyze, discuss, and write about events and themes to a greater extent than students in a Level III course. This course will cover US History from the pre-colonization period up to and including the Civil War.

Prerequisite: Honors prerequisite (see page 8).

Course #: 2640
Level: II
Grade/s: 9-10-11
Credits: 05

Course Title: **UNITED STATES HISTORY I**

Description:

The first part of a two-year course requirement, United States History I covers the political, social and economic events which have shaped our country. This is a basic survey course which asks students to recognize the most important elements of United States History. This course will cover US History from the pre-colonization period up to and including the Civil War.

Course #: 2635
Level: III
Grade/s: 9-10-11
Credits: 05

Course Title: **UNITED STATES HISTORY I - College Prep.**

Description:

The first part of a two-year course requirement, United States History I covers the political, social and economic events which have shaped our country. Students will identify, analyze and evaluate the cause and effect relationships that have historical significance. This course will cover US History from the pre-colonization period up to and including the Civil War.

Course #: 2645-2670
Level: I
Grade/s: 9-10-11
Credits: 05

Course Title: **United States History I**

Description:

This course is designed to study the development of the United States in chronological order with a strong emphasis placed on social, political and economic events. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations

Course #: 2730
Level: IV
Grade/s: 10-11-12
Credits: 05
Course Title: **HONORS UNITED STATES HISTORY II**

Description: The second year of a two-year course requirement, United States History II covers the political, social, and economic events that have shaped our country. The honors class requires extensive composition, evaluation, analysis, and independent reporting with an emphasis on student originality and creativity. This course will cover US History from the post Civil War period to the present day.

Prerequisite: Honors prerequisite (see page 8)
U.S. History I

Course #: 2735
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **UNITED STATES HISTORY II - College Prep.**

Description: The second year of a two-year course requirement, United States History II will cover the political, social, and economic events that have shaped our country. This class requires composition, analysis, and independent reporting. The course will cover US History from the post Civil War period to the present day.

Prerequisite: Proficient in U.S. History I CP

Level: II
Grade/s: 10-11-12
Credits: 05
Course Title: **UNITED STATES HISTORY II**

Description: The second year of a two-year requirement, United States History II will cover the events that have shaped our country. The course will cover US History from the post Civil War period to the present day.

Prerequisite: U.S. History I

Course #: 2745-2770
Level: I
Grade/s: 10-11-12
Credits: 05
Course Title: **United States History II**

Description: The second year of a two-year course requirement, United States History II will cover the political, social and economic events that have shaped our history from 1865 to present day. The curriculum will be modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations.

Course #: 2530
Level: IV
Grade/s: 11-12
Credits: 05
Course Title: **HONORS WORLD HISTORY**

Description: This is a one-year survey course designed to familiarize the college-bound student who has a serious interest in education, with the various aspects of world history. These include the geographic, political, economical and social factors of societies. This course will go beyond the typical survey approach by employing the higher level thinking skills of analyzing, evaluating, and synthesizing world events and problems.

Prerequisite: Honors prerequisite (see page 8).

Course #: 2740

Course #: 2535

Level: III
Grade/s: 11-12
Credits: 05
Course Title: **WORLD HISTORY - College Prep.**
Description:

This is a one-year survey course designed to acquaint the student with the geographical, political, economical, social and cultural aspects of world history. The course begins with the development of early civilizations and continues through to the present time. This course is recommended for the student who is interested in attending college.

Pre-requisite: Proficient in US History II CP

Course #: 2540
Level: II
Grade/s: 11-12
Credits: 05
Course Title: **WORLD HISTORY**
Description:

This one-year survey course is designed to highlight the development of the major cultures and societies in the world. Students will identify similarities and differences between regions. The six major regions of the world will be studied from a historical perspective. Students will learn how people developed the economic, cultural, political, and social patterns that continue to exist today.

Course #: 2545-2570
Level: I
Grade/s: 11-12
Credits: 05
Course Title: **World History**
Description:

This course is designed to highlight the development of the major cultures and societies in the world. The work of this course is highly individualized and directly related to a student's ability and academic need. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations.

Level: III
Grade/s: 11-12
Credits: 05
Course Title: **SOCIOLOGY**
Description:

Sociology deals with the investigation of human relationships, and provides a way of understanding human behavior. Students will study group behavior in complex societies as compared to individual behavior studies in the "Psychology" course offering. A few examples of the topics that are specifically covered are: World Cultures and their Differences, The Family, Rural and Urban Problems, The Youth and Rebellion, Planning for a Successful Marriage and Survival Economics. Class activities include individual and group projects. Class discussion and student viewpoints on social problems are encouraged.

Prerequisite: U.S. History II

Course #: 2805
Level: III
Grade/s: 11-12
Credits: 05
Course Title: **PSYCHOLOGY**
Description:

Psychology I is an introductory course designed to cover the major principles and complexities of behavior and mental processes. The design of the course reflects the recommendations of the National Council on Social Studies (NCSS) regarding social studies curriculum standards. Additionally, the course meets the goals of the Pine Hill School District and the Social Studies Department to promote the highest levels of student achievement.

Topics will include the history of psychology, biological foundations in behavior, sensation and perception, basic principles of learning, memory, language, intelligence, motivation, emotion, personality and social behavior.

This course will encourage student self-reflection, help students gain an understanding of behavior, and develop skills that will enable them to address individual and societal issues. Students will improve their ability to interact effectively with others through an understanding of social interaction from a psychological perspective. Students will also learn to manage the challenges of working with people from diverse backgrounds and develop the ability to understand issues from diverse points of view. Course requirements include outside readings, group and individual projects, tests, and topical papers.

Course #: 2800

Course #: 2810
Level: IV
Grade/s: 11-12
Credits: 05
Course Title: **AH PSYCHOLOGY
Advanced Honors**

Description:

This course introduces students to the systematic and scientific study of behavior and mental processes of human beings. Students are exposed to psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. In this way, the course will illustrate that while psychology covers diverse topics, these topics are not completely distinct, but instead integrate to make up the general field. Furthermore, students will learn methodologies used by psychologists to understand the value of empirical data as well as ethical considerations in the field of psychology. Course requirements include weekly reflection papers, research papers, abstract papers, one required novel *Tuesday's With Morrie*, and unit projects.

This is a dual-credit course with Camden County College. Students who meet college standards will receive college credit in addition to high school credit.

Prerequisite: Honors pre-requisite (see page 12).

Course #: 2830 / 2855
Level: III
Grade/s: 11 - 12
Credits: 2.5 / 2.5
Course Title: **INTRODUCTION TO WORLD
PHILOSOPHIES/ MULTI-
CULTURAL STUDIES**

Introduction to World Philosophies

Description:

This course will introduce students to the accumulated wisdom of the ages through reading and discussion of excerpts from the works of prominent philosophies from all parts of the world. What is philosophy? How do different philosophies impact on life in Western culture and in other societies? What is knowledge? What is the nature of knowledge? What is the nature of the universe? What is real or reality? What is the value of a person? These are some of the questions which will be addressed in this course--a valuable preparation for students planning to major in the humanities or trying to understand the nature of man.



Course#: 2825
Level: IV
Grade/s: 12
Credits: 05
Course Title: **AP AMERICAN HISTORY
Advanced Placement**

Description:

This is a college level course which will require extensive reading and analysis of primary and secondary source materials relating to the entire history of the United States. The students will be expected to understand actual historical documents, as well as the varying interpretations by American historians. This is a challenging course which will require excellent writing skills. Students in this course will have an opportunity to take Advanced Placement examination for college credit.

This is a dual credit course with Camden County College. Students who meet college standards will receive college credit in addition to high school credit. Pass/fail option not available if taken for college credit.

Multi-Cultural Studies

Description:

The purpose of this course is to help students understand how different cultures describe and explain major ideas, programs and events. No effort will be made to determine the validity of these views. Rather, the students will be able to appreciate common human themes but having different responses in many cultures from the past to the present. The myths and legends which will be read and analyzed are not judged as true or false, but as valuable and insightful explanations of people and events throughout history.

Course #: 2840
Level: III
Grade/s: 11 - 12
Credits: 2.5

Course Title: **CRIMINAL AND CIVIL LAW**

Description:

This course provides students with a basic understanding of family law, criminal law, wills and the administration of justice. Students will learn the difference between misdemeanors and felonies and the penalties required for each under the law. Students will understand how the law and the legal process can affect their lives.

Course #: 2873
Level: III
Grades: 11 - 12
Credits: 2.5

Course Title: **ECONOMICS** - College Prep.

Description:

This course includes the application of knowledge, skills, and ethical values when making consumer and financial decisions that impact self, family, and the global communities. It will address money management; planning, saving and investing; becoming a critical consumer; risk management and insurance; and civil financial responsibility.

Course #: 2875
Level: II
Grades: 11 - 12
Credits: 2.5

Course Title: **ECONOMICS**

Description:

This course includes the application of knowledge, skills, and ethical values when making consumer and financial decisions that impact self, family, and the global communities. It will address money management; credit and debt management; planning, saving, and investing; becoming a critical consumer; risk management and insurance; and civil financial responsibility.

Course #: 2880
Level: I
Grades: 11 - 12
Credits: 2.5

Course Title: **Economics**

Description:

This course includes the application of knowledge, skills, and ethical values when making consumer and financial decisions that impact self, family, and the global communities. It will address money management; credit and debt management; planning, saving, and investing; becoming a critical consumer; risk management and insurance; and civil financial responsibility. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations.

Science

Course Sequencing

Honors (Level IV)

Hrs. Lab Biology (3076)
Hrs. Chemistry (3175)
Hrs. Physics (3215) or
AP Biology (3225) or
AP Chemistry (3202)

College Prep (Level III)

Science I - CP (3031)
Lab Biology - CP (3132)
Chemistry (3180)

General (Level II)

Science I (3038)
Science II (3137)
Science III (3125)

SCIENCE

SCIENCE - Introduction: Three years of science are required for graduation. Students who anticipate taking college level work or pursue a science-related career, e.g. technical, health, should elect laboratory biology and chemistry, in addition to Introduction to Life Sciences - College Preparatory in Grade 9. New Jersey State four-year colleges and universities require at least two years of laboratory science; generally, laboratory biology and chemistry. Recent developments in science and technology make this area a "must" for a successful career in tomorrow's society.

Course #: 3031
Level: III
Grade/s: 9
Credits: 05
Course Title: **SCIENCE I - College Prep**
Description:

This ninth grade college preparatory course will provide the fundamental concepts needed to study biology further. The topics explored will be zoology, botany, taxonomy, evolution and ecology with emphasis on studying the organism as a whole unit adjusting in its own surroundings. Students will make connections, share discoveries and apply these biological concepts after successful completion of laboratory work.

Course #: 3038
Level: II
Grade/s: 9
Credits: 05
Course Title: **GENERAL SCIENCE I**
Description:

This course is designed to present to students experiences that will assist them in making sound environmental decisions as individuals and members of society. It is expected to raise consciousness regarding the preservation of the environment and what can be done at the local, state and national levels to attain this objective. Topics covered are energy/alternative energy sources, recent developments in energy production, ecology, ecosystems, conservation of resources, marine biology and marine environments.

Course #: 3076
Level: IV
Grade/s: 9-10-11-12
Credits: 05
Course Title: **HONORS LABORATORY BIOLOGY**

Description: This course covers essentially the same material as Lab Biology, but at an accelerated pace. Emphasis is placed on experimentation, analysis and evaluation of data. Students are expected to work well independently. Laboratory Biology is required by many colleges for admission purposes. It is strongly recommended that students who plan to continue their education beyond high school, particularly in academic/career areas involving science, take this course.

Prerequisite: Honors prerequisite (see page 7).

Course #: 3132
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **LABORATORY BIOLOGY - College Prep.**

Description: The tenth grade college preparatory course will continue to develop the basic biological concepts but now with emphasis on the cell as the basic unit of structure and function of all organisms. Topics studied will be cell biology, biochemistry and genetics. During the second half of the year anatomy and physiology of the human body will be studied, with concentration on how cells form tissues, organs and eventually organ systems.

Prerequisite: Proficient - Introduction to Life Sciences - CP.

Course #: 3137

Level: II
Grade/s: 10-11-12
Credits: 05
Course Title: **GENERAL SCIENCE II**
Description:

This course examines living beings and life processes. Functional, structural and ecological concepts which affect human development are emphasized. Visual demonstrations, laboratory investigations, multi-media demonstrations, and controlled experiments form an integral part of the course. This course provides a general understanding of the science with practical applications to daily life.

Prerequisite: Science I

Grade/s: 11-12
Credits: 06
Course Title: **ANATOMY AND PHYSIOLOGY**
Description:

This course is an in-depth study of selected areas of human biology. Areas of study will include microbiology, human anatomy and physiology. Independent laboratory work and extensive use of the microscope will be undertaken during the course of the year. This course is helpful to those students anticipating a career in biotechnology and medical science at a two or four-year college. (However, most four-year colleges still prefer chemistry.)

Prerequisite: A grade of 86 or better in Laboratory Biology.

Course #: 3140-3165
Level: I
Grade/s: 10-11-12
Credits: 05
Course Title: **Science I**
Description:

This course is designed to present to students with concepts related to living organisms. An introduction to general biology, botany and zoology will be explored. This course while providing a general understanding of living beings and life processes, will be appropriately modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations.

Course #: 3125
Level: II
Grade/s: 11-12
Credits: 05
Course Title: **GENERAL SCIENCE III**
Description:

This course helps the students to understand the relationship between science and technology. It is designed for non-college bound students who wish to continue their science education after completing their graduation requirements and to help to prepare them for the HSPA. Topics covered include chemistry, physical science, meteorology, climatology, the universe and biological science. It focuses on the interdisciplinary nature of science and the use of science technology in their everyday lives.

Prerequisite: Completion of two years of science

Course #: 3220
Level: III/IV

Course #: 3225
Level: IV
Grade/s: 11-12
Credits: 07
Course Title: **AP BIOLOGY**
(Advanced Placement)

Description:
Advanced Placement Biology provides an in-depth classroom and laboratory study of biology with an emphasis on molecular biology. Topics in biochemistry, cell biology, energy transformations, molecular genetics and heredity will be examined. The taxonomy and structure of living kingdoms will be considered. Laboratory exercises will reinforce and expand the facts, principles and concepts presented in the classroom. The laboratory will encourage skills in observation, record keeping, data interpretation and operation of technical equipment. This course is designed for students who have a good understanding of biology and who plan to continue study in biology or a related field.

Prerequisite: Lab Biology and Chemistry. Advanced Placement prerequisite (See page 12.)

Course #: 3175
Level: IV
Grade/s: 10-12
Credits: 06
Course Title: **HONORS CHEMISTRY**

Description:
This course covers the same content as chemistry, but at an accelerated pace. Additional lab work is completed and analyzed. Students must be able to work independently in lab situations and out of class.

Prerequisite: Lab Biology and Algebra I Honors prerequisite (see page 7).

Level: III
Grade/s: 10-11-12
Credits: 06
Course Title: **CHEMISTRY**
Description:

Chemistry is a course of study designed to prepare the student for the chemistry that may be encountered in college, nursing school, or any related technical field. Chemistry is the study of matter: its structure, its composition, and the changes it undergoes. Some of the major topics covered are: atomic theory, the Periodic Table of the Elements, chemical reactions, acid-base theory, chemical bonding, kinetic molecular theory, and solutions. Laboratory experiments are done as often as possible to support the topics that are studied. This course will provide the students with their first true application of their mathematics skills in real problem-solving situations.

Prerequisite: 80 or better in Lab Biology, Algebra I.

Course #: 3202
Level: IV
Grade/s: 11-12
Credits: 07
Course Title: **AP CHEMISTRY**
(Advanced Placement)

Description:
The advanced placement chemistry course is designed to be the equivalent of a general chemistry course, usually taken during the first year of college. This course builds on topics that were introduced in honors chemistry. Many new topics will also be introduced. The course will require students to think clearly and to express their ideas orally and in writing, with clarity and logic. There is an emphasis on the quantitative relationships of chemistry. A strong mathematics background is needed.

This is a dual credit course with Camden County College. Students who meet college standards will receive college credit in addition to high school credit. Pass/fail option not available if taken for college credit.

Prerequisite: Chemistry HR (86 or better) Advanced Placement prerequisite (See page 12).

Course #: 3180

Course #: 3210 - 3214/3216
Level: I
Grade/s: 11-12
Credits: 05
Course Title: **Science II**
Description:

This course is designed to present to students experiences that will assist them in making sound environmental decisions as individuals and members of society. It is expected to raise consciousness regarding the preservation of the environment and what can be done at the local, state and national levels to attain this objective. The horticulture aspect of this course will translate how plants interact with the environment. Students will also gain experience in the process of planting and maintaining their own plants within the classroom. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the educational needs of students eligible for accommodations.

Course #: 3260 - 3285
Level: I
Grade/s: 11-12
Credits: 05
Course Title: **Science III**
Description:

This course is designed to present experiences that will provide information in several broad areas including physical science and chemistry. The curriculum will be modified by varying teaching techniques, strategies and materials to meet the needs of students eligible for accommodations.

Course #: 3215
Level: IV
Grade/s: 11-12
Credits: 06
Course Title: **HONORS PHYSICS**
Description:

This course studies the five major areas of this science: mechanics; electricity and magnetism; wave motion; sound and light. Two major areas of mechanics and heat are singled out for in-depth treatment. Laboratory experiences are strongly emphasized. Students are expected to develop competence in laboratory techniques and to work for extended periods of time with a minimum of directions. **A strong mathematics background is essential.**

Prerequisite: Honors prerequisite (see page 7).

Course #: 3235 /3230

Level: III
Grade/s: 11-12
Credits: 2.5 / 2.5
Course Title: **ASTRONOMY AND SPACE / ENVIRONMENTAL SCIENCE**

Astronomy and Space

Description:

This course provides students with knowledge of our universe. Students will gain insight into the methods and techniques used by modern astronomers. Topics covered include: gravity; motion; light; telescopes; our solar system; stars and their evolution; and galaxies.

Prerequisite: Lab Biology; Algebra 1



Environmental Science

Description:

This course includes an in-depth study of the environment in our country and on our planet. The student will learn about the basics of ecology including the different characteristics of ecosystems. The atmospheres, including air composition, weather patterns, and air pollution, will be explored and analyzed. Land use and abuse will be treated. Aquatic life and water quality in relationship to man will be studied and assessed. Current environmental issues and concerns will be examined throughout the course. (Not open to students who take Life Science.)

Prerequisite: Lab Biology

Course #: 3245 / 3240
Level: III
Grade/s: 11-12
Credits: 2.5 / 2.5
Course Title: **GENETICS / OCEANOGRAPHY**

Genetics

Description:

This course will enable the student to understand the dynamics of heredity and evolution. A basic understanding of Mendelian inheritance, meiosis, recombination, gene mutation and mapping will be undertaken. The impact of genetics on human growth and development will be stressed especially in light of recent research and experimentation in this field.

Prerequisite: Biology



Oceanography

Description:

This course presents a general understanding of the oceans of our planet with specific reference to the "Jersey Shore." Topics to be investigated are: the history of oceanography, waves, tides, ocean currents and oceanic circulation, physical features of the ocean floor, reefs, coastline features and beaches and chemical and physical properties of seawater.

Prerequisite: Biology

Mathematics

Course Sequencing

Honors (Level IV)

Hrs. Algebra I (3587)
(Completed in 8th or 9th grade)
Hrs. Geometry (3690)

Hrs. Algebra II (3590)
Trig./Adv. Concepts (3750)
Hrs. Calculus (3765)
or
AP Calculus (3770)

College Prep (Level III)

Algebra I (3585)
Geometry (3695)
Algebra II (3595)

Trig./Pre-Calculus (3755)

General (Level II)

Basic Algebra I (3572)
Basic Geometry (3697)
Transition Math III
(3698)

MATHEMATICS

MATHEMATICS - Introduction: Three years of mathematics are required for graduation. College-bound students must take Algebra I, Geometry, Algebra II at a minimum. New Jersey state colleges and universities require these mathematics courses for college admission. Most college-bound students should take four years of mathematics so there is no gap between the last high school mathematics course and the college freshmen mathematics course requirements. Any student placed in a Level I mathematics course, because of weak basic mathematics skills, should successfully complete a Level II course before attempting a Level III course.

Course #: 3570
Level: I
Grade/s: 9
Credits: 05
Course Title: **MATHEMATICS STANDARDS I**
Description:

This course is intended for students who have not met minimum levels of competency on the NJASK8 standardized tests and daily classroom instruction. The focus of this course will be to develop skills and knowledge in the four core-content standards. The standards are: 1) Number and Numerical Operations; 2) Geometry and Measurement; 3) Patterns and Algebra; 4) Data Analysis, Probability, and Discrete Mathematics. Emphasis will be on understanding and applications of math concepts and problem solving. Refresher courses will be assigned based upon identified need as indicated on the NJ ASK 8 and in daily classroom instruction.

Course #: 3540
Level: I
Grade/s: 9
Credits: 05
Course Title: **Mathematics I**
Description:

The focus of this course will be to develop skills and knowledge in the four core-content standards. The standards are: 1) Number and Numerical Operations; 2) Geometry and Measurement; 3) Patterns and Algebra; 4) Data Analysis, Probability, and Discrete Mathematics. Emphasis will be on understanding and applications of math concepts and problem solving. The curriculum will be modified by varying teaching techniques, strategies and materials to meet the needs of students eligible for accommodations.

Course #: 3572

Level: II
Grade/s: 9
Credits: 10 (Double period class)
Course Title: **ALGEBRA I BASIC**
Description:

The transition from the basic concepts of arithmetic to the abstractions of algebra is one of the prime objectives of this course. The course stresses the manipulation of algebraic symbols and expressions and working with real numbers to solve equations and inequalities. Other concepts include the study of number systems, the identification of relations, an introduction to functions, and the construction and interpretation of graphs. This course is taught at a pace and level that ensures all students are exposed to the full breadth of algebra I topics while providing opportunities to reinforce basic skills in arithmetic.

Course #: 3573
Level: I
Grade/s: 9
Credits: 05
Course Title: **Algebra I Basic**
Description:

The transition from the basic concepts of arithmetic to the abstractions of algebra is one of the prime objectives of this course. The course stresses the manipulation of algebraic symbols and expressions and working with real numbers to solve equations and inequalities. Other concepts include the study of number systems, the identification of relations, an introduction to functions, and the construction and interpretation of graphs. This course is taught at a pace and level that ensures all students are exposed to the full breadth of algebra I topics while providing opportunities to reinforce basic skills in arithmetic. The curriculum will be modified by varying teaching techniques, strategies, and course materials to meet the needs of students eligible for accommodations.

Course #: 3585
Level: III

Grade/s: 9-10-11-12
Credits: 05
Course Title: **ALGEBRA I**
Description:

The transition from the basic concepts of arithmetic to the abstractions of algebra is one of the prime objectives of this course. The course stresses the manipulation of algebraic symbols and expressions and the working with integers to solve equations and inequalities. Other concepts include the study of number systems, the identification of relations, functions and the construction and interpretation of graphs.

Prerequisite: A grade of 76 or better in the previous Level II or III mathematics course and demonstrated satisfactory performance on the 8th grade NJ ASK 8.

Course #: 3587
Level: IV
Grade/s: 9
Credits: 05
Course Title: **HONORS ALGEBRA I**
Description:

Algebra I (Honors) is a demanding mathematics course for the accelerated student planning advancement in higher education. This course focuses on the underlying structure of algebraic content, as well as methods and applications. Successful completion requires that homework and studying be completed on a regular basis and that the student has a solid foundation in arithmetic skills.

Prerequisite: Honors Pre-requisite (See page 9).

Course #: 3675
Level: I
Grade/s: 10
Credits: 05
Course Title: **MATHEMATICS STANDARDS II**
Description:

This course is a continuation of the basic mathematical skills undertaken in Math Standards I. The core content standards will be developed more extensively to prepare students for the HSPA, a high school graduation requirement. The standards are: 1) Number and Numerical Operations; 2) Geometry and Measurement; 3) Patterns and Algebra; 4) Data Analysis, Probability, and Discrete Mathematics. Emphasis will be on problem solving and test-taking skills. Placement in this course is determined by multiple criteria including the NJ ASK 8, the S-Test, student's past performance and teacher recommendation.

Prerequisite: Successful completion of one year of mathematics.

Course #: 3645
Level: I
Grade/s: 10
Credits: 05
Course Title: **Mathematics II**
Description:

This course is a continuation of the basic mathematical skills undertaken in Math Standards I. The core content standards will be developed more extensively to prepare students for the HSPA, a high school graduation requirement. The standards are: 1) Number and Numerical Operations; 2) Geometry and Measurement; 3) Patterns and Algebra; 4) Data Analysis, Probability, and Discrete Mathematics. Emphasis will be on problem solving and test-taking skills. Placement in this course is determined by multiple criteria including the NJ ASK 8, the S-Test, student's past performance and teacher recommendation. The curriculum will be modified by varying teaching techniques, strategies and materials to meet the needs of students eligible for accommodations.

Prerequisite: Successful completion of one year of mathematics.

Course #: 3697

Level: II
Grade/s: 10
Credits: 05
Course Title: **BASIC GEOMETRY**
Description:

This course is designed to teach the basic concepts of geometry in a step by step approach. This approach will include constructions, algebra, coordinate geometry and three dimensional geometric models. The core content standards of New Jersey will be emphasized. This course will be taught at a pace and level that ensures all students are exposed to the full concepts of geometry while providing opportunities to reinforce basic skills in arithmetic.

Prerequisite: One year of basic algebra or comparable mathematics course and a satisfactory performance on the 9th grade S-Test.

Course #: 3699
Level: I
Grade/s: 10
Credits: 05
Course Title: **Basic Geometry**
Description:

This course is designed to teach the basic concepts of geometry in a step by step approach. This approach will include constructions, algebra, coordinate geometry and three dimensional geometric models. The core content standards of New Jersey will be emphasized. This course will be taught at a pace and level that ensures all students are exposed to the full concepts of geometry while providing opportunities to reinforce basic skills in arithmetic.

Prerequisite: One year of basic algebra or comparable mathematics course and a satisfactory performance on the 9th grade S-Test. The curriculum will be modified by varying teaching techniques, strategies and materials to meet the needs of students eligible for accommodations.

Course #: 3698
Level: II
Grade/s: 11

Credits: 05
Course Title: **TRANSITION MATHEMATICS III**
Description:

This course is designed to further develop all core content standards. Emphasis will be on preparing for the High School Proficiency Test, which is given in March of the 11th grade . The standards are: 1) Number and Numerical Operations; 2) Geometry and Measurement; 3) Patterns and Algebra; 4) Data Analysis, Probability, and Discrete Mathematics. Emphasis will be on understanding and applications of math concepts and problem solving and test-taking skills.

Prerequisite: A satisfactory performance on the 10th grade S-Test and successful completion of Transition I and II, or Algebra I and Geometry.

Course #: 3720
Level: II
Grade/s: 11
Credits: 05
Course Title: **Transition Mathematics III**
Description:

This course is designed to further develop all core content standards. Emphasis will be on preparing for the High School Proficiency Test, which is given in March of the 11th grade . The standards are: 1) Number and Numerical Operations; 2) Geometry and Measurement; 3) Patterns and Algebra; 4) Data Analysis, Probability, and Discrete Mathematics. Emphasis will be on understanding and applications of math concepts and problem solving and test-taking skills. The curriculum will be modified by varying teaching techniques, strategies and materials to meet the needs of students eligible for accommodations.

Prerequisite: A satisfactory performance on the 10th grade S-Test and successful completion of Transition I and II, or Algebra I and Geometry.

Course #: 3695
Level: III
Grade/s: 9-10-11-12

Credits: 05
Course Title: **GEOMETRY**
Description:

The purpose of this course is to develop logical thinking and an appreciation for the practical applications of geometric concepts. This is achieved by relating geometric principles to daily situations and developing student skills in visualization, pictorial representation and the application of geometric ideas to describe and answer questions about natural phenomena. The course also emphasizes the integration of algebra and geometry to formulate and analyze problems. Students will develop deductive skills as applied to the construction of proofs.

Prerequisite: Algebra I
Algebra II may be taken concurrently with this course.

Course #: 3690
Level: IV
Grade/s: 9-10-11-12
Credits: 05
Course Title: **HONORS GEOMETRY**
Description:

This course aims to teach concepts related to geometrical principles. Deductive and inductive reasoning, mathematical proof, area and volume, the coordinate plane, trigonometry and the reinforcement of the basic algebraic skills are emphasized. Topics are treated in greater depth and at an accelerated pace than Geometry. This course is essential for those students who plan to take additional honors mathematics courses in the future.

Prerequisite: Honors prerequisite (see page 9).
Honors Algebra II or Algebra II can be taken concurrently with teacher recommendation.

Credits: 05
Course Title: **MATHEMATICS STANDARDS III**
Description:

This course is a continuation of the basic mathematical skills undertaken in Math Standards I and II. Emphasis will be on preparing for the High School Proficiency Test, which is given in March of the 11th grade. The core content standards will be developed with special attention to open-ended questions. The standards are: 1) Number and Numerical Operations; 2) Geometry and Measurements; 3) Patterns and Algebra; 4) Data Analysis, Probability, and Discrete Mathematics. Placement in this course is determined by multiple criteria, including the S-Test, student's past performance and teacher recommendation.

Prerequisite: Successful completion of two years of mathematics.

Course #: 3700
Level: II
Grade/s: 11-12
Credits: 05
Course Title: **MANAGING MONEY**
Description:

This is a course designed for the student who has a solid mastery of basic computational skills and desires to become proficient in managing his personal finances. The content deals with the fundamental operations and principles that a student faces in his daily interaction with the business world. 11th grade HSPA questions are discussed.

Prerequisite: Successful completion of the NJ ASK 8 math requirement and two years of mathematics.

Course #: 3705
Level: I
Grade/s: 11

Course #: 3595
Level: III
Grade/s: 10-11-12

Credits: 05
Course Title: **ALGEBRA II**
Description:

Algebra II is designed for the academic student of average mathematical ability. The purpose of the course is to reinforce and refine all procedures learned in Algebra 1. It stresses solutions of more detailed equations and inequalities. It also exposes the student to various methods of problem solving. Graphing of linear equations is studied thoroughly and graphing of a quadratic equation is introduced. Basic concepts of logarithms are introduced. The real number system is developed and the complex system introduced. 11th Grade HSPA questions are discussed.

Prerequisite: Algebra I and Geometry (courses may be taken concurrently) with teacher recommendation.

Course #: 3590
Level: IV
Grade/s: 10-11-12
Credits: 05
Course Title: **HONORS ALGEBRA II**
Description:

This is an honors course designed for the student who has demonstrated a superior ability in mathematics. It introduces the solution of second degree equations using the quadratic equation and graphing. It stresses the use and application of exponents and radicals. It introduces conic sections, including the equations and graphs for the circle, ellipse, parabola and hyperbola. Additional topics not normally covered in C.P. Algebra II include matrices and determinants, sequences and series. The course treats abstract mathematical concepts in an accelerated manner.

Prerequisite: Honors Geometry or Geometry that meets the Honors prerequisite (see page 9). Courses may be taken concurrently.

Course #: 3755
Level: III
Grade/s: 11-12
Credits: 05
Course Title: **TRIGONOMETRY/PRE-CALCULUS**
Description:

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.

Prerequisite: Algebra II (It is suggested that students have a minimum grade of 80 in Algebra II and Geometry)

Grade/s: 11-12
Credits: 05
Course Title: **TRIGONOMETRY-
ADVANCED CONCEPTS**

Description:
Trig-Advanced Concepts is an honors course designed for the student who has demonstrated a superior ability in mathematics. The course will include trigonometry and the continued study of advanced topics such as matrices, determinants, and sequences and series. In addition, the concepts of vectors, mathematical structures, Polar coordinates, (probability and statistics) will be studied. Throughout the course the relationship between algebra, geometry and functions will be stressed.

Prerequisite: Honors Algebra II or Algebra II and Honors prerequisite (see page 9).

Course #: 3750
Level: IV

Course #: 3775
Level: I
Grade/s: 12
Credits: 05
Course Title: **HSPA MATHEMATICS**
(This course will be assigned based upon identified need as indicated by HSPA score)

Description:

This course is designed for the students who have scored partially proficient on the High School Proficiency Assessment in Grade 11. The students will prepare for the October administration of the HSPA and then complete the State mandated Alternate High School Assessment. This AHSA focuses on completing tasks provided by the State in each of four Core Content Standards. The standards are: 1) Number and Numerical Operations; 2) Geometry and Measurement; 3) Patterns and Algebra; 4) Data Analysis, Probability, and Discrete Mathematics. Upon completion of the AHSA, students will focus on skills needed for local college placement tests.

Course #: 3760
Level: III
Grade/s: 11-12
Credits: 05
Course Title: **CONCEPTS OF MATHEMATICS**
Description:

This course is designed for college-bound seniors who have completed Algebra I, Geometry and Algebra II. Topics include number sequences, functions, algebraic treatment for polygons, quadratic equations, conics, probability, statistics and truth tables and Venn diagrams.

Prerequisite: Algebra I, Geometry, Algebra II

college, especially if the student is majoring in Mathematics, Science, Engineering, Computer Science and Business. Many colleges today expect the student to have some knowledge of calculus when they enter. This course covers the derivative, differentiation, integration, differential equations, and their application.

Prerequisite: Trig./Pre-Calculus or Trig.-Advanced Concepts with Honors prerequisite (see page 9).

Course #: 3770
Level: IV
Grade/s: 12
Credits: 05
Course Title: **AP CALCULUS**
(Advanced Placement)

Description:

AP Calculus is designed for the academic student with exceptional mathematical skills and is intended to be the culmination of the honors program in mathematics. The emphasis of the course is geared toward those students who intend to pursue college studies related to mathematics and science. The course assumes a knowledge of algebra, geometry, trigonometry, and analytic geometry. The course itself includes elementary, logarithmic and exponential functions, derivatives, integration and their applications in the physical world. Students taking this course may elect to take the AP exam and if successful, may receive credit and/or placement for a year of college calculus.

Prerequisite: Trig.-Advanced Concepts. Advanced Placement prerequisite (see page 12).

Course #: 3765
Level: IV
Grade/s: 12
Credits: 05
Course Title: **HONORS CALCULUS**
Description:

This course is important to any student going to

World Language

WORLD LANGUAGES

WORLD LANGUAGE - Introduction: The State of New Jersey requires for graduation that every student complete one year of a foreign language. Two years of the same world language is required by most colleges to satisfy their world language requirement. Our school offers four years of Spanish and French. These courses are taught at the academic level, (Level III) except for the fourth year, which is an Honors course. A student must take and pass each year of a language in sequence to move on to the next level. Third and fourth years of a world language are offered if there is sufficient student enrollment.

Course #: 4230
Level: III
Grade/s: 9-10-11-12
Credits: 05
Course Title: **FRENCH I**
Description:

This course provides for the learning of basic skills and elementary comprehension of the language. The student will gain the ability to read and pronounce French correctly and carry on simple conversations. There will also be an emphasis on understanding the French culture.

Course #: 4231
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **FRENCH II**
Description:

This course provides for greater comprehension of the language with an emphasis on the principles of grammar, composition and translation. The student will demonstrate further proficiency in speaking and reading skills. The study of history and culture of France will be covered through magazine and textbook readings as well as videos.

Prerequisite: French I

Course #: 4232
Level: III
Grade/s: 11-12
Credits: 05
Course Title: **FRENCH III**
Description:

This course is aimed at the greater development of the student's reading ability in the language. The student is helped to find enjoyment in the beauty of the language and an appreciation in the literature. Grammatical skills learned in previous years are reviewed and drilled so that the student's written and oral expression in French is clear and correct. Improvement of conversation skills is stressed using current topics of interest. French culture, history and geography are studied in greater depth. Classes are conducted in French as much as possible.

This is a dual credit course with Camden County College. Students who meet college standards will receive college credit in addition to high school credit.

Prerequisite: French II

Course #: 4233
Level: IV
Grade/s: 12
Credits: 05

Course Title: **HONORS FRENCH IV**

Description:

This course has as its major objective a greater understanding and fluency in the language. The literature of France is studied chronologically. A clear attempt is made to relate literature to the political, economic and social forces at work in each period studied.

This is a dual credit course with Camden County College. Students who meet college standards will receive college credit in addition to high school credit.

Prerequisite: French III. Minimum grade of 90 in French III .

Course #: 4235
Level: III
Grade/s: 9-10-11-12
Credits: 05
Course Title: **SPANISH I**
Description:

Spanish I will enable students to master basic structures of Spanish and apply them in everyday situations. Listening comprehension, speaking, reading and writing skills are acquired along with a greater understanding and appreciation of customs, traditions, history and geography of the Spanish speaking world. Spanish may be the key to the job you desire, a requirement to enter college, an increased understanding of the English language and self-enrichment.

Course #: 4262
Level: II
Grade/s: 9-10-11-12
Credits: 05
Course Title: **SPANISH IB**
Description:

This is the first course in a two-year program in introductory Spanish. The course is designed for students who desire an exposure to the Spanish language and Hispanic culture. It is conducted at an appropriate pace that insures success in basic oral and written proficiency in the target language and enhances personal enrichment. Emphasis is placed on alternate assessment, thus allowing students to apply their skills in brief yet meaningful everyday scenarios. The daily listening, speaking, reading and writing activities strengthen personal skills and enable students to acquire an overview of the lifestyle, history and geography of the Spanish speaking world. Upon completion of this course, students are encouraged to take Spanish IIB.

Course #: 4236

Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **SPANISH II**
Description:

This course extends the fundamentals of speaking, reading and writing which were developed in Spanish I. Vocabulary development and grammar will be stressed as well as the ability to understand and communicate in Spanish on a basic level. Selected readings will be used in translation activities. Multi-media materials will be employed to practice the four skills of speaking, listening, reading and writing. Further study of Hispanic culture, life and history will be used to develop appreciation of the language and the people.

Prerequisite: Spanish I

Course #: 4263
Level: II
Grade/s: 10-11-12
Credits: 05
Course Title: **SPANISH IIB**
Description:

This course is designed for students who successfully completed Spanish IB and wish to expand their understanding of the Spanish language and become more acquainted with the culture, history and geography of the Spanish-speaking world. After a general review of basic structures and vocabulary presented in Spanish IB, students will learn additional concepts and vocabulary related to their daily activities and interests. Once again, alternate assessment will allow the student to enjoy a respectable level of success by applying their skills in brief tasks that will highlight aspects relevant to their daily activities. Various resources and activities will enable students to improve their listening, speaking, reading and writing skills and enhance their cultural enrichment. With the successful completion of this course, students will fulfill their high school graduation requirement of two years of World Language.

Prerequisite: Spanish IB

Course #: 4237
Level: III
Grade/s: 11-12
Credits: 05
Course Title: **SPANISH III**
Description:

This is an advanced course which allows the student to improve skills in Spanish by studying literature, grammar and several verb tenses. Emphasis is placed on conversation, composition reading and translating. Speeches, dialogues, supplementary materials, games and individual-small group projects work to this end.

This is a dual credit course with Camden County College. Students who meet college standards will receive college credit in addition to high school credit.

Prerequisite: Spanish II

Course #: 4238
Level: IV
Grade/s: 12
Credits: 05
Course Title: **HONORS SPANISH IV**
Description:

This course is designed to help the student read Spanish on a deeper level and develop an appreciation of Hispanic literature. The student is taught to refine speaking and writing skills through discussion and composition. An effort is made to conduct as much of the class as possible in Spanish. The course provides a general background of Spanish life and Spanish world culture through the use of native speakers, food fiestas, games, and multi-media activities.

This is a dual credit course with Camden County College. Students who meet college standards will receive college credit in addition to high school credit.

Prerequisite: Spanish III. Minimum grade of 90 in Spanish III.

Course #: 4282
Level: III
Grade/s: 9-10
Credits: 05
Course Title: **AMERICAN SIGN LANGUAGE I**
Description:

This course is a basic course in American Sign Language. Students will develop basic Fingerspelling Vocabulary, and Survival ASL skills (Expressive and Receptive ASL). Students will be able to apply their ASL skills in various situations. The history of ASL and deaf culture will also be stressed. Careers utilizing ASL will be introduced.

Course #: 4283
Level: III
Grade/s: 10-12
Credits: 05
Course Title: **AMERICAN SIGN LANGUAGE II**
Description:

This course is a continuation of ASL I. It will provide more guided practice utilizing ALS skills sentences and dialogues. The student will demonstrate further proficiency in ASL by participating in school events.

Prerequisite: AMERICAN SIGN LANGUAGE I

Course #: 4280
Level: II
Grade/s: 9-12
Credits: 05
Course Title: **American Sign Language I**

Description:

This course is a basic course in American Sign Language. Fingerspelling, Basic Vocabulary Survival Signs, Sentences and Short Dialogues will be applied. History of ASL and Deaf Culture will also be stressed. Careers utilizing ASL will be introduced. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the needs of special education students as reflected in their Individualized Education Program.

Course #: 4285
Level: II
Grade/s: 10-12
Credits: 05
Course Title: **American Sign Language II**
Description:

This course is a continuation of ASL I. It will provide more guided practice utilizing ASL skills with sentences and dialogues. The students will demonstrate further proficiency in school events. Students interested in careers in Education, Day Care, Nursing, and Business should take this course. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the needs of special education students as reflected in their Individualized Education Program.

Prerequisite: American Sign Language I

Computer Science

COMPUTER SCIENCE

COMPUTER SCIENCE - Computers are everywhere--the office, the check-out counter, the bank, the television, the movies--perhaps, your own personal computer at home. They are as much a part of our lives as the telephone--in fact, they use the telephone. Understand how to use the computer and its many different applications. For those who really want a challenge, analyze what's behind the application computer software in computer programming. Learn to love them because you can't leave them!

Course #:	4035	Course #:	4095
Level:	III	Level:	III
Grade/s:	9-10-11-12	Grade/s:	10-11-12
Credits:	05	Credits:	05
Course Title:	COMPUTER APPLICATIONS I	Course Title:	COMPUTER APPLICATIONS II
Description:	<p>This course is designed for the college bound student who is interested in learning to use software packages such as word processing, spreadsheets, graphics, presentation, publishing, integrated/combined programs, etc. Students will be introduced to the variety and scope of available software and methods of choosing the most appropriate package for the task. Students will be required to produce original work throughout the year using various software. Students should have good math and communication skills. This course will include an introduction to Basic.</p>	Description:	<p>This course is a continuation of Computer Applications I designed for the college bound student. Students will continue to work with software packages at an advanced level and will be introduced to new software as it becomes available. Students will be required to produce original work throughout the year using various software. Students should have good math and communication skills. This course will include an introduction to Visual Basic Programming.</p> <p>Prerequisite: Computer Applications I with a grade of 86 or better and teacher recommendation.</p>

Business Education

BUSINESS EDUCATION

BUSINESS EDUCATION - Introduction: Courses offered by the business education department serve many purposes: (1) they are designed to prepare students for entry-level careers in business, (2) they have useful and practical applications for the college-bound student especially with our increase in Level III course offerings and (3) they serve to give all students practical and useful life skills information.

Course #: 4435
Level: II
Grade/s: 9-10-11-12
Credits: 05

Course Title: **KEYBOARDING AND CAREER EXPLORATION**

Description:

This course prepares students to use a computer as a communication tool for either personal or pre-vocational use. The course content includes general formatting of basic documents using the touch method on the computer. Emphasis is placed on letter, memo, resume and report preparation.

This course will also provide instruction in career development skills and introduce basic concepts about business careers and the world of work.

Course #: 4485
Level: III
Grade/s: 11-12
Credits: 05

Course Title: **COLLEGE PREP KEYBOARDING INTEGRATED WITH STUDY AND SURVIVAL SKILLS (CP KISS)**

Description:

This course is designed for all students who plan on attending college upon graduation. This is a fast-paced class incorporating the keyboarding, study and survival skills necessary for college success. The following areas will be covered:

- 1) Mastery of touch keyboarding, formatting skills for research papers (MLA), resumes, letters, and memos, use of word processing software, presentation software and basic computer knowledge.
- 2) Study skills for college such as test taking, library skills, notetaking, Internet research and organization.
- 3) Survival skills for college covering areas such as banking, credit, taxes, budgeting, problem solving and general college information.
- 4) Career exploration and college application information.

Course #: 4540

Level: III
Grade/s: 10-11-12
Credits: 05

Course Title: **ENTREPRENEURSHIP**

Description:

This course has been designed to help students see what it is like to start, operate and run their own business. Students will explore a business idea, use a decision-making process and create a step-by-step business, plan advertising strategies, market analysis, management techniques, financial management, technology use and problem-solving are some areas that will be covered. The outcome is for students to learn how it might be possible to become an entrepreneur.

Course #: 4970
Level: II
Grade/s: 12
Credits: 05

Course Title: **SENIOR SURVIVAL**

Description:

FOR SENIORS ONLY. Students will learn a variety of skills relevant to living on their own. Topics that will be emphasized include: career planning, foods and nutrition, consumer economics, money management, housing and interior design, relationship, marriage and parenting. This course should prove to be very helpful for students who are anticipating living on their own or attending college after graduating from high school.

Visual and Performing Arts

VISUAL AND PERFORMING ARTS

The State of New Jersey requires that all high school graduates complete one year of fine or performing arts. Additionally, the State requires one year of practical arts. Students should discuss these options with their Guidance Counselor prior to making selections.

Visual Arts

Course #: 4635
Level: II
Grade/s: 9-10-11-12
Credits: 05
Course Title: **ART I**
Description:

Art I is a course designed to teach the student the basics of art through a variety of projects and experiences. It may include drawing, print making, color theory, design, lettering, perspective, illustration, ceramics and sculpture. Some of the media which may be used are pencil, charcoal, pastels, inks, watercolor, clay and plaster. Art history is introduced at this level. Homework assignments will be given and can take the form of sketch books, research papers and preliminary drawing.

Course #: 4645 / 4646
Level: III / IV
Grade/s: 10-11-12
Credits: 05
Course Title: **ART II / HONORS ART II**
Description:

Art II is the second level of Art I. All media and techniques explored in first level art classes will be reviewed and explored once again on a more in-depth level to further develop art concepts, skills and individual styles. Students will be given the opportunity to evaluate various artists, techniques and styles through art history. Homework assignments will be given. Art II is a prerequisite for Art III. This course may be taken as an Honors course.

Prerequisite: Art I and the maintenance of a grade of 76 or better.

Honors Level: minimum grade of 86 in Art I

Course #: 4650 / 4651
Level: III / IV
Grade/s: 11-12
Credits: 05
Course Title: **ART III / HONORS ART III**
Description:

Art III is designed to give the serious art student an opportunity to apply skills in drawing, painting, print-making, sculpture, crafts and art history. Methods and advanced techniques in color theory, pastels, watercolors, acrylics, printing and sculpture will be presented. An emphasis will be placed on individual projects at this level and the preparation of a portfolio. Course requirements include: projects, art history reports from the "Art and Man" series, tests, and possibly a homework assignment in the form of a sketchbook.

This course may be taken at the Level IV if the general Honors prerequisite and Art Honors criteria are met. (See pg. 7 for Art Honors prerequisite.)

Prerequisite: Art II with a minimum grade of 76.

Course #: 4655 / 4656

Level: III / IV
Grade/s: 12
Credits: 05
Course Title: **SENIOR ART SEMINAR/HONORS (S.A.S.)**

Description:

S.A.S. is designed for the artistically talented, career directed student who has completed the basic art courses. Emphasis is placed on individual in-depth study on an advanced level, with direction and appropriate training necessary for realizing job criteria and the continued preparation of a portfolio. Practical application of all previous skills and previously taught techniques will be utilized towards art service for various clubs, school functions, etc. By mid year, the S.A.S. student will be expected to present a portfolio and a Senior Art Exhibit will occur at the end of the year. Art history reports from the "Art and Man" series will be assigned.

This course may be taken at the Level IV if the general Honors prerequisite and Art Honors criteria are met. (See pg. 7 for Art Honors prerequisite.)

Prerequisite: Art III with a minimum grade of 86.

Course #: 4660
Level: III
Grade/s: 11-12
Credits: 05
Course Title: **ART PHOTO**

Description:

Art Photo will acquaint the student with the basics of black and white photography. Some work may also be done with color slide photography. Both camera and darkroom experiences will be explored extensively and include the use of auxiliary lenses, light meters, filters, flash, tripods and dry mounting. Topics to be covered are continuous tone photography, photo journalism, school activities, night photography, experimental camera work, darkroom techniques, slide presentation and the History of Photography. While a limited number of school cameras are available, it is preferable that a student have his/her own 35mm SLR camera.

Prerequisite: Art I with a minimum grade of 76.

Course #: 4695
Level: IV
Grade/s: 12
Credits: 05
Course Title: **ADVANCED ART PHOTOGRAPHY 2**

Description:

Advanced Art Photo is designed for the artistically talented, career directed student who has mastered the basic camera and darkroom techniques. Specifically, it is a course of guided independent study in photography designed to enhance the students individual strengths and correct their weaknesses. Students will work independently to further their skills while experimenting with such complex camera and darkroom techniques as filter adaptations, creative lighting, acetate masks for dodging and burning, tone separation, negative printing from color slides, combination prints, reticulation, lith printing, bleaching, toning and hand coloring of black and white prints. Students will also explore digital photography through utilization of the school computer lab. This course is designed for the highly motivated student with an interest in pursuing photography as a hobby or a career choice.

At the end of the school year, the Advanced Art Photo student will be expected to present a portfolio and participate in the annual Art Expo.

Prerequisite: Art Photo with a minimum grade of 86.

Course #: 4658
Level: II
Grade/s: 10-11-12
Credits: 05
Course Title: **DIGITAL PAINTING**

Description:

This is a course designed to teach the students how to use a computer as a tool in the creation of digital painting. This introductory course will provide students with a basic knowledge of the creating and processing of visual art with the computer. Students will gain knowledge of terminology as well as hands on experience with computer graphics software and hardware including the use of a mouse, digital tablet and scanner to create original art designs. Students will gain a basic knowledge of important theory in computer graphics art. Students will demonstrate a mastery of the use of the basic menus, commands and tools of the computer graphic arts software.

Prerequisite: Art I or Teacher Recommendation

Course #: 4681 / 4682
Level: III/IV
Grade/s: 11-12
Credits: 10
Course Title: **COMPUTER GRAPHICS DESIGN I**

Description:

This course is designed to parallel the course of the same name at Camden County College as part of the Two-Plus-Two Articulation Agreement between Pine Hill Public School District and Camden County College. Upon successful completion of this course and a presentation of a portfolio to Camden County College, the student will receive three college level credits from Camden County College.

This course will provide studio experience in computer graphics art and design. This combined studio/lecture course is an introduction to the creative possibilities of graphics computing. Emphasis is placed on the visual-problem solving process through the use of applications and equipment. The students will be able to utilize a variety of software and hardware which includes bit mapped point and object-oriented drawing software programs such as Adobe Photoshop and Adobe Illustrator.

Prerequisite: Art I and Art II with a minimum grade of 86.

Course #: 4683
Level: IV
Grade/s: 12
Credits: 10
Course Title: **COMPUTER GRAPHICS DESIGN II**

Description:

This course is designed to parallel the course of the same name at Camden County College as part of the Two-Plus-Two articulation agreement between Pine Hill Public School District and Camden County College. Upon successful completion of this course and a presentation of a portfolio to Camden County College, the student will receive three college level credits from Camden County College.

This course will provide advanced studio experience in Computer Graphics Art and Design. This combined studio II lecture course is a continuation of the material/programs learned in Computer Graphics Design I. The students will work at an advanced level on the computer graphics program Adobe Photoshop 5. Emphasis is placed on the visual problem solving process through the use of applications and equipment. The students will be able to utilize and interchange between a variety of software and hardware beyond the main application, Adobe Photoshop.

Prerequisite: Computer Graphic Design I with a minimum grade of 90.

Course 4449
Level: I
Grade/s: 9-12
Credits: 05
Course Title: **GRAPHIC/WEB DESIGN I**
Description:

This course is designed for students interested in learning programs such as Illustrator, Photoshop and Dreamweaver. They will apply the skills learned by developing computer graphics, photo manipulation and correction, as well as developing websites. Students will be introduced to digital photography and learn how to take basic photographs and apply the photos to websites. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the needs of students eligible for accommodations.

Course #: 4445
Level: I
Grade/s: 10-11-12
Credits: 05
Course Title: **GRAPHIC/WEB DESIGN II**
Description:

This course is designed to acquaint students with the basics of digital photography. Students will be exposed to the following areas of digital photography; Introduction to the digital camera and digital images, introduction to the digital darkroom, camera controls and creative photography, flash and studio lighting, sharing and displaying digital images, exploring beyond the standard still image, understanding pixels and image sizes and caring for your camera, scanning and shooting RAW images. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the needs of students eligible for accommodations.

Prerequisite: Graphic/Web Design I

Course #: 4446
Level: I
Grade/s: 11-12
Credits: 05
Course Title: **GRAPHIC/WEB DESIGN III**
Description:

This course is a continuation of Digital Photography I. Students will apply the skills learned in Digital Photography I to various projects. Emphasis will be placed on individual projects related to: Sports Photography, Portrait Photography, Close-Up photography and Landscape Photography. Students will also participate in various photo-journal and student portrait projects within the school district. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the needs of students eligible for accommodations.

Prerequisite: Graphic/Web Design II

MUSIC

Course #: 5430 / 5467
Level: II / IV
Grade/s: 9-10-11-12
Credits: 05
Course Title: **CONCERT BAND (5430)**
HONORS CONCERT BAND (5467)

Description:

The band will provide ensemble experience for the instrumental music student. The development of techniques, interpretation, intonation and general musicianship will be emphasized. The purpose of the course is to build a musical organization which will be a credit to the individual members, the school and the school community. Students taking this course should realize that the course requires attendance at all public performances and demands that the student be available for after school rehearsals. Students may take Band as an honors level course. They must meet the Honors prerequisite. (See page 6).

Prerequisite: Ability to play a wind/percussion instrument determined by an audition session.

Course #: 5445 / 5482
Level: III / IV
Grade/s: 9-10-11-12
Credits: 05
Course Title: **JAZZ BAND (5445)**
HONORS JAZZ BAND (5482)

Description:

Jazz Band provides ensemble experiences in the popular jazz music field. Various styles of music will be discussed and performed. Emphasis will be placed on creating and performing popular styles. Students taking this course should realize that the course requires attendance at all public performances. Students may take Jazz Band as an honors level course. They must meet the Honors prerequisite. (See page 6).

Prerequisite: Teacher approval/recommendation based on knowledge of the individual student's ability and/or audition. Student must be able to read music and play a "Jazz Band" instrument.

Level: II
Grade/s: 9-10-11-12
Credits: 05
Course Title: **VOCAL MUSIC**
CONCERT CHOIR

Description:

The course includes vocal technique which enhances overall musicianship. Rotating group lessons are also offered as part of this course in order to advance each member's technique. There are public performances that are REQUIRED of the students. Students may take choir as an honors level course. They must meet the Honors prerequisite.

Prerequisite: Ability to match pitches

Course #: 5481
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **INTERMEDIATE VOCAL**
MUSIC-CHAMBERS SINGERS

Description:

This choir is an auditioned group and members re selected in June for the following year. The course is designed to work intensely on developmental issues including tone, intonation and musicianship. Rotating group lessons are offered as part of this course to advance each member's technique. Various styles of music will be performed. Chamber Singers will perform both their own selections and all Concert Choir selections at each concert. Students taking the course are REQUIRED to attend all public performances.

Prerequisite: Admission by audition.

Course #: 5440

Course #: 5456

Level: IV
Grade/s: 10-11-12
Credits: 05
Course Title: **ADVANCED VOCAL MUSIC
–OVERTONES**

Description:

Overtones is an advanced choir, and members are selected by audition in January. This course emphasizes vocal technique and overall musicianship. Rotating group lessons are offered as part of this course to advance each member's technique. Various styles of advanced music will be discussed and performed. Students taking this course should realize that the course requires attendance at all public performances. Students may take Overtones as an honors level course. They must meet the Honors prerequisite.

Prerequisite: Admission by audition.

Course #: 5450
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **MUSIC THEORY I**
Description:

This course will begin with a study of the fundamentals of music and progress through a study of harmonic structure from 1600 to today. Intense analysis of the individual structural elements of rhythm, harmony, melody and form, along with ear training exercises, will comprise much of the content.

Prerequisite: Ability to read music

Level: IV
Grade/s: 11-12
Credits: 05
Course Title: **MUSIC THEORY II**
Description:

Music Theory II is an honors level course that is the logical continuation of Music Theory I. The course will consist of exercises, both aural and written, addressing the various elements of music with emphasis placed on harmonic structure.

The majority of the course will consist of part writing in the technique practiced during Baroque period and represented by its composer, J. S. Bach. Study will consist of analysis and construction of chorales in standard 4 part harmony (Soprano, Alto, Tenor, Bass) from a given soprano line or a given bass line. Students will be required to become proficient in the "figured bass" representation of notation.

Additionally, students will be asked to sight sing, identify chords by sound, and take melodic, harmonic and rhythmic dictation. Some time will be devoted to listening to various musical examples as well as doing some basic arranging.

Prerequisite: Students must meet the Honors prerequisite. (See page 6).

Course #: 5490
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **LAB JAZZ BAND**
Description:

Students will be instructed in the various techniques of playing "big band" jazz in the styles of contemporary literature. The styles will include, but not be limited to, swing, bop, funk, rock, Latin, etc. The band shall meet daily for a full period and shall serve as a "training ground" for the Jazz Band. Performances will include the winter concert, spring concert, jazz festival and, possibly, a festival or competition outside of school.

Course #: 5495

***Practical Arts
Applied Technology
Education and
Career Development***

PRACTICAL ARTS

APPLIED TECHNOLOGY EDUCATION AND CAREER DEVELOPMENT

APPLIED TECHNOLOGY EDUCATION AND CAREER DEVELOPMENT - Introduction: These courses, as with special areas courses, offer a variety of options for students who plan to work in business or industry after graduation. Many of the courses offer ten credits, but require a three period block of time including Industrial Mathematics.

Course #: 5140
Level: III
Grade/s: 9-12
Credits: 05
Course Title: **TECHNOLOGY IN ACTION
(TECH PREP PROGRAM)**

Description:

Technology in Action is designed to acquaint the student with our technological society through activity oriented experiences. Topics covered will be construction, transportation, communications and production. (This is a more concentrated look at the technology introduced in Grades 7-8).

Activities may include building and testing models and the use of computers in designing, manufacturing and controlling. Applications of robotics and computer aided design and manufacturing will be experienced.

This is a course which will help prepare the student for a challenging career in our changing technological society. Students who intend to pursue a career in technology should take this first course in the sequence.

Course #: 5180
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **PRINCIPLES OF TECHNOLOGY
(TECH PREP PROGRAM)**

Description:

Robotics, lasers and computerized controls provide students with a stimulating, creative, hands-on experience. It has the fundamental objective of developing intellectual capacity and awareness through the use of technological systems and materials.

Students with a practical perspective of the future will benefit from the activities in this course. Students will investigate various technological concepts dealing with robotics, lasers, and computerized controls in a framework that allows the students to be free to use creative talents, regardless of his or her career objectives.

Prerequisite: Technology in Action

Course #: 5220
Level: II
Grade/s: 9-10-11-12
Credits: 05
Course Title: **HOME IMPROVEMENT**
Description:

This course is designed for the future homeowner or apartment tenant, who wants to learn about keeping a home in top shape. The following topics will be covered: space planning, basic building techniques, windows and doors, additions and decks, wallboard repair and finishing, decorating, heating, cooling, plumbing and electrical systems, etc. The safe use of hand and power tools will be another important part of the class. Most of the activities in this class will be actual hands-on practice. This course is designed for the future male and female "do-it-yourselfer."

Course #: 5145
Level: II
Grade/s: 9-10-11-12
Credits: 05
Course Title: **WOODWORKING I**
Description:

The woodworking course's main emphasis is on learning the basic woodworking processes using hand tools and power machines in a safe manner. The course content will deal with proper techniques in wood construction, with concentrations on creativity, good workmanship, neatness, and accuracy. Most of the materials needed for projects will be supplied by the school.

Course #: 5185
Level: II
Grade/s: 10-11-12
Credits: 05
Course Title: **WOODWORKING II**
Description:

This course covers woodworking design and planning. Hand and machine tools, joiner techniques, and finishing are taught. The course will emphasize use of woodworking machines and safe work practices in the shop. The student will design, plan and construct items of wood or small furniture. Students may be responsible for purchasing materials used in construction of projects.

Prerequisite: Woodworking I

Course #: 5190
Level: II
Grade/s: 11-12
Credits: 05
Course Title: **WOODWORKING III**
Description:

This course will enable students to further their knowledge, concepts, and skills in woodworking. It will provide an opportunity to design, plan and/or construct cabinetry or furniture items. Emphasis will be on individual projects and problem solving. Safety practices in the laboratory are expected of the student. Students may be responsible for purchasing materials used in construction of projects.

Prerequisite: Woodworking II

Course #: 5195
Level: II
Grade/s: 12
Credits: 05
Course Title: **WOODWORKING IV**
Description:

This course provides the student with an opportunity for individual study and practice in the area of woodworking. Laboratory and outside activities will be planned and evaluated by the student and teacher on an individual basis. Students may be responsible for purchasing materials used in construction of projects.

Prerequisite: Woodworking III

DRAFTING SEQUENCE

The course sequence in drafting courses is as follows:

**Introduction to Drafting
Drafting and Design Technology
Computer Aided Drafting I
Computer Aided Drafting II
Computer Aided Drafting Ind. Study**

(A student may take Computer Aided Drafting I without Drafting and Design Technology with teacher recommendation.)

Course #: 5150
Level: II
Grade/s: 9-10-11-12
Credits: 05
Course Title: **INTRODUCTION TO DRAFTING**
Description:

Introduction to drafting is designed to develop a student's organizational and problem solving skills. This course teaches drafting fundamentals including: sketching; geometric construction; lettering; orthographic drawings; isometric drawings; architectural drawings of residential dwellings; and introduction of CAD (computer-aided drafting) as a drafting tool.

Course #: 5205
Level: III
Grade/s: 10-11-12
Credits: 05
Course Title: **COMPUTER AIDED DRAFTING I**
Description:

This program is intended for 11th and 12th grade students who wish to further their education in a technical field. This could include college-bound students who intend to pursue degrees in engineering or students who may wish to pursue a two-year program offered at a community college.

The program will include drafting techniques used in AUTO CAD. The assigned problems will require the students to make use of the commands and functions available on this program. The students will be expected to know how to read and draw orthographic, isometric and oblique drawings before enrolling in this program.

Prerequisite: Drafting and Design Technology and/or Introduction to Technology.

Course #: 5210
Level: III

Grade/s: 10-11-12
Credits: 05

Course Title: **DRAFTING AND DESIGN TECHNOLOGY**

Description:

This course is designed to give high school students further practical insight into careers in drafting-related occupations. The student will review problems in orthographic, isometric and oblique drawings, then advance to drawing graphs and charts using traditional methods. The student will then advance to machine drawing, including section views, threads and assembly drawings. These drawings will be done using traditional methods as well as CAD.

The architectural drawing phase will include floor plans, elevations and other related drawings. Students will be introduced to AUTO CAD, a professional CAD software program used extensively in the field.

Course #: 5215
Level: III
Grade/s: 11-12
Credits: 05
Course Title: **COMPUTER AIDED DRAFTING II**

Description:

Computer Aided Drafting II is an extension of Computer Aided Drafting I. Work will include more difficult drawing problems including orthographic and isometric representations. Section views, auxiliary views, screw threads and assembly drawings are all included in this program.

Students will use three-dimensional drawing techniques to create architectural drawings. Students will experience the use of rendering programs as well as other programs used with Auto Computer Aided Drafting. This course is eligible for the Tech Prep *Program (See Page 13).

Prerequisite: Computer Aided Drafting I

Course #: 5230
Level: III
Grade/s: 12
Credits: 05
Course Title: **COMPUTER AIDED DRAFTING**

INDEPENDENT STUDY

Description:

This course is especially designed for the student who has excelled in CAD I and CAD II. Most of these students were permitted to skip Drafting and Design Technology at the recommendation of their instructors in Introduction to Drafting. These instructors saw, at that time, the potential generated by these students.

Ordinarily, students would be directed to take the drafting course they missed (Drafting and Design Technology) their senior year. Drafting and Design Tech is a B level course and would penalize college prep students if taken at this point in their school careers. To be fair to these students this independent study program is offered.

Students will select and develop one, or in some cases two, long term projects. These projects may be community projects. They may be cross curricular projects where the CAD project supports and amplifies the assignment/s in academic areas. The project could also be a competition for scholarships such as offered by NJIT.

Prerequisite: CAD I and CAD II

Course #: 5130

Level: II

Grade/s: 9

Credits: 05

Course Title: **GRAPHIC DESIGN AND COMMUNICATION TECHNOLOGY**

Description:

Graphic Design and Communications Technology will introduce students to the challenging field of graphic design. This course provides thematic design activities and visual design problems. This course covers principles of design, typography, layout and design, an introduction to printing and printing processes. Students will use the latest graphic software programs in a Macintosh computer lab. These programs include Adobe Illustrator, Adobe PhotoShop, Quark XPress, and a variety of other programs that enhance the performance of these desktop publishing programs.

Course #: 5785

Level: II

Grade/s: 10-11

Credits: 05

Course Title: **PRINTING I**

Description:

Printing Trades I is an introduction to photo offset printing and the printing industry. Areas covered are introduction to printing, art and copy preparation, electronic imaging, reproduction photography, image assembly, platemaking and bindery operations. Students will explore these areas in theory as well as through hands-on shop experience. Students will use the latest software programs as related to this field in a Macintosh computer lab. Software programs that will be used include Adobe Illustrator, Adobe PhotoShop, Quark XPress and a variety of other programs that enhance the performance of these desktop publishing programs.

Course #: 5800

Level: II

Grade/s: 11-12

Credits: 05

Course Title: **PRINTING II**

Description:

Students who have completed Printing Trades I have an opportunity to expand their knowledge and skills in this field. Press operations will be emphasized which covers reading job jackets, platemaking and offset press operations. Students will receive hands on experience operating a variety of offset presses. Electronic Imaging will also be emphasized which covers reading job jackets, graphic design principles, typography, and desktop publishing. Students will use the latest software programs as related to this field in a Macintosh computer lab. Software programs that will be used include Adobe Illustrator, Adobe PhotoShop, Quark XPress and a variety of other programs that enhance the performance of these desktop publishing programs.

Prerequisite: Printing I

Family and Consumer Sciences

Course #: 4940
Level: II
Grade/s: 9-10-11-12
Credits: 05
Course Title: **EXPLORING CHILDHOOD**

Description:

The class begins by learning about the pre-natal development of the baby and the importance of a healthy pregnancy. Students continue to learn about the physical, emotional, social and intellectual development of the child from birth to age five.

Students will also experience a weekend with the computerized “Baby Think It Over”.

Level: II
Grade/s: 9-12
Credits: 05
Course Title: **LIFESTYLES I**
Description:

Lifestyles is a combination of Interior Design and Sewing. Students will learn the basics of Interior Design and, using these skills, apply their knowledge to the sewing projects.

Students will learn both hand stitches and how to sew with a sewing machine. Projects include Christmas crafts, a quilted pillow, a full size quilt and pajama pants.

Course #: 4933
Level: II
Grade/s: 10-12
Credits: 05
Course Title: **LIFESTYLES II**
Description:

Lifestyles II is the next step in advancing the students’ sewing skills. They will use their quilting skills to complete a Christmas stocking project. The students will make samples of various quilting patterns and complete a quilt of their own design.

Prerequisite: Lifestyles I

Course #: 4936
Level: I
Grade/s: 9-12
Credits: 05
Course Title: **MEAL PLANNING AND PREPARATION**

Description:

Students will begin the year by studying nutrition, and the importance of healthy eating habits. The first semester also includes learning how to use kitchen equipment, basic cooking and baking skills, and safety in the kitchen. In the second semester, the student is introduced to American and World foods. Students will cook their way across the United States, learning about the different regions and how the people live and cook.

The students will then explore World cooking, traveling to Italy, China, Japan, Spain, Mexico, France and other student chosen countries. Advanced cooking skills will be acquired by the students during this term.

Course #: 4975-4978
Level: I
Grade/s: 9-10
Credits: 05
Course Title: **INDEPENDENT LIVING**
Description:

This course studies eight major areas that will prepare students for living on their own after high school. Topics include: values and decision-making career choices and exploration, and career inventories planning for post-secondary outcomes. Students will develop an understanding of their individual disability and how to use their IEP to effectively gain knowledge of modifications and accommodations. In addition to hands-on experiences, the students will simulate many work-related experiences. This will help with transition planning once students leave high school. The curriculum will be appropriately modified by varying teaching techniques, strategies and materials to meet the needs of special education students as reflected in their Individualized Education Program.

Course #: 4932

Health and Physical Education

HEALTH AND PHYSICAL EDUCATION

Course #: 6031
Level: II
Grade/s: 9
Credits: 05
Course Title: **PERSONAL LIVING AND PHYSICAL EDUCATION 9**

Description:

This course provides a comprehensive, sequentially planned program to positively influence the knowledge, skills, attitude, and behaviors of individuals related to health. Subjects covered in this course will consist of wellness, decision making, goal setting, communication, stress management, conflict resolution, suicide awareness and prevention, consumer and community health, disease prevention, alcohol, tobacco, and other drugs and nutrition.

The physical education portion of the program introduces students to basic skills and movement concepts by participation through a variety of activities. The activities include team, individual, and recreational sports, fitness activities, and strength training. The class of 2013 will have their physical education grade included in their grade point average.

Course #: 6036
Level: II
Grade/s: 10
Credits: 05
Course Title: **DRIVER EDUCATION AND PHYSICAL EDUCATION 10**

Description:

In this course, students will gain awareness of driving skills and responsibilities. They will demonstrate knowledge of traffic laws and regulations and understand the impact that natural forces and conditions have on driving. They will review GDL laws and the driving test and learn how to be a safe, courteous, defensive driver. They will also learn the dangers of driving under the influence of alcohol or drugs and be able to identify hazardous conditions and learn how to react appropriately to avoid or minimize risk.

The physical education portion of the program introduces students to basic skills and movement concepts by participation and instruction through a variety of activities. The activities include team, individual, and recreational sports, fitness activities, project adventure, and strength training.

Course #: 6041
Level: II
Grade/s: 11
Credits: 05
Course Title: **HEALTH/FAMILY LIVING AND PHYSICAL EDUCATION 11**

Description:

This is an in-depth health education course that provides relevant information to help students make informed decisions leading to a healthy life style now and in the future. Subjects covered in this course will consist of drug education, violence and abuse prevention, human reproduction, family living, pregnancy and birth, prevention of sexually transmitted diseases, birth control, suicide prevention, fitness, nutrition and eating disorders.

The physical education portion of the program introduces students to basic skills and movement concepts by participation and instruction through a variety of activities. The activities include team, individual, and recreational sports, fitness activities and strength training.

Course #: 6045
Level: II
Grade/s: 12
Credits: 05
Course Title: **HEALTH/FIRST AID AND PHYSICAL EDUCATION 12**

Description:

During this course, students will learn how to recognize and care for injuries or sudden illnesses until advanced medical help takes over. They will learn how to perform infant, child, and adult CPR, handle emergency situations, breathing and cardiac emergencies, basic precautions for preventing disease transmission, procedures for identifying and caring for minor and life-threatening emergencies, and how to use an AED for victims of sudden cardiac arrest. This course will also cover alcohol, drugs and suicide prevention.

The physical education portion of the program introduces students to basic skills and movement concepts by participation and instruction through a variety of activities. The activities include team, individual, and recreational sports, fitness activities and strength training.

Course #: 6009/6012

Level: I

Grade/s: 9-10-11-12

Credits: 05

Course Title: **Physical Education and Health**

Description:

This course is designed to provide the students with a Health and Physical Education experience appropriate to the IEP. Students may experience health courses in Personal Living (9), Driver's Education (10), Family Living (11) or First Aid (12) and Physical Education classes, 9-12 that have been modified to meet the educational needs of students eligible for accommodations.

HOME - SCHOOL COMMUNICATION

Parent/Student Conferences

When all concerned parties get together, understandings are reached, information shared and if necessary constructive change made possible. The student's guidance counselor should be the initial contact made by student, parent or guardian. The Guidance Office can help to determine the appropriate participants and can arrange that conference. Please contact the Guidance Department at:

856-767-8000, ext. 3013 or 3023

Appeal Process

Parents, guardians and students who are 18 or older have the right to an appeal process. If a parent, guardian or student believes he/she has a legitimate grievance, it should be presented in the following order for resolution. If the grievance is not resolved to one's satisfaction at Step 1 (for example) the grievant should proceed to the next as sequenced below:

- | | |
|---------|---|
| Step 1: | The Teacher/Guidance Counselor |
| Step 2: | School Principal |
| Step 3: | Superintendent of Schools |
| Step 4: | Board of Education |
| Step 5: | Commissioner of Education or representative |

FOUR-YEAR SCHEDULE PLANNER

Use this planner to plot your courses over the next four years
SEE YOUR COUNSELOR FOR ASSISTANCE

FRESHMEN YEAR 9th Grade	
COURSES/LEVEL	CREDITS
English 9	
Mathematics	
Science	
U. S. History I	
World Language	
★	
Physical Education 9	
Lunch	XX
TOTAL	

SOPHOMORE YEAR 10th Grade (30 Credits)	
COURSES/LEVEL	CREDITS
English 10	
Mathematics	
Science	
U.S. History II	
Elective	
★	
Physical Education 10	
Lunch	XX
TOTAL	

★ *Student should choose a Visual, Performing Or Practical Arts Elective.*
 Alternate Electives:

★ *Student should choose a Visual, Performing Or Practical Arts Elective.*
 Alternate Electives:

JUNIOR YEAR 11th Grade (60 Credits)	
COURSES/LEVEL	CREDITS
English 11	
Mathematics	
World History	
Science	
Physical Education 11	
Lunch	XX
TOTAL	

SENIOR YEAR 12th Grade (80 Credits)	
COURSES/LEVEL	CREDITS
English 12	
Physical Education 12	
Lunch	XX
TOTAL	

Alternate Electives:

Alternate Electives:

120 credits needed for graduation. (6 courses (27½-30 credits) needed for student athletics/activities eligibility each year after Grade 9 - first semester)

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