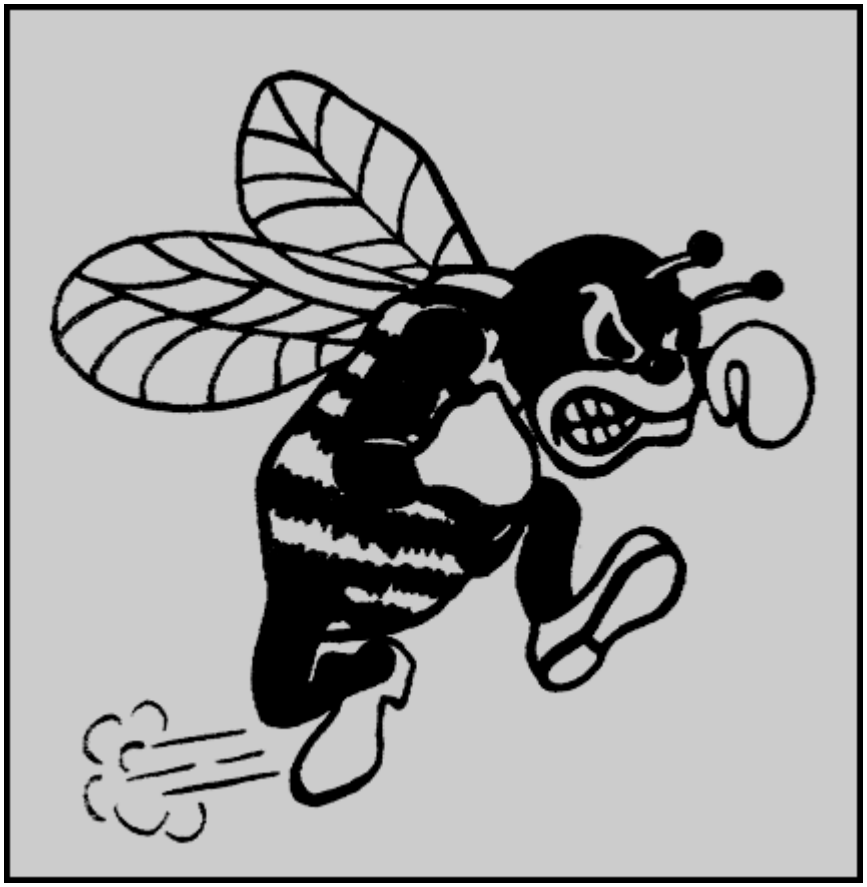
COURSE DIRECTORY
2019-2020



GO HORNETS!!!!!

PEMBERTON TOWNSHIP
HIGH SCHOOL

****

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PEMBERTON TOWNSHIP HIGH SCHOOL
Course Directory 2019-2020

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INTRODUCTION

The directives in this booklet pertain to all students attending Pemberton Township High School. Students should read the guidelines listed below before studying the course descriptions and before selecting their courses. All students should think of this year's program in terms of their high school goals and their post high school plans. In other words, the students and parents should plan a four-year sequence of courses before deciding on which courses to select.

GRADUATION REQUIREMENTS

High School Graduation Assessment Requirements

The Classes of 2018 and 2019 – Students graduating as members of the Classes of 2018 and 2019 can meet graduation assessment requirements through any of these **three pathways**:

(1) Achieving passing scores on high-level PARCC assessments;

(2) Achieving certain scores on alternative assessments such as the SAT, ACT, or Accuplacer; or

(3) The submission by the district of a student portfolio through the Department's portfolio appeals process.

(Special Education students whose Individualized Education Plans (IEPs) specify an alternative way to demonstrate proficiencies will continue to follow the graduation requirements set forth in their IEPs.)

The Class of 2020 – Students in the Class of 2020 can demonstrate graduation assessment proficiency through the same **three pathways** as those in the Classes of 2017 through 2019, provided that **students in the Class of 2020 take all PARCC assessments** associated with the high-school level courses for which they were eligible* and **receive valid scores**, as of the September 6, 2016 effective date the amendments were adopted by the State Board of Education.

The Class of 2021 and Beyond – Starting with the Class of 2021, students will only have **two pathways** to meet the high school graduation assessments requirements:

(1) Pass the ELA 10 and Algebra 1 assessments; or

(2) The submission by the district of a student portfolio through the Department's portfolio appeals process, **assuming the student has taken all PARCC assessments** associated with the high-school level courses for which they were **eligible* and receives valid scores**.

Each school year the NJDOE will determine the proficiency level needed on the assessments to meet the requirements.

It is important to note that our students have always been able to meet graduation requirements through an alternative assessment or pathway to graduation throughout New Jersey's forty-year history with a statewide assessment program, and will continue to be able to do so.

In this document, you will find charts containing the list of assessment requirements in both ELA and mathematics for the high school graduation Classes of 2018 through 2021.

*Note: * "Eligible" is defined as a student who is enrolled in a high-school level course for which there is a PARCC test and receives a valid score. This includes all of these courses: Algebra I, Geometry, Algebra II, ELA 9, ELA 10, and ELA 11.*

High School Graduation Assessment Requirements

Updated May 2018

On August 3, 2016, the State Board of Education approved updated state regulations for the high school graduation assessment requirements in both English language arts (ELA) and mathematics for the Classes of 2016 through 2021 and beyond. These new state regulations (*N.J.A.C.* 6A:8-5.1) became effective on September 6, 2016 and are detailed below.

The Classes of 2018 and 2019 – Students graduating as members of the Classes of 2018 and 2019 can meet graduation assessment requirements through any of these **three pathways**:

(1) Achieve passing scores on high school level PARCC assessments;
(2) Achieve scores defined in the table below on alternative assessments such as the SAT, ACT, or Accuplacer; or
(3) The submission by the district of a student portfolio through the New Jersey Department of Education's (NJDOE) portfolio appeals process.
(Special Education students, whose Individualized Education Plans (IEPs) specify an alternative way to demonstrate proficiencies, will continue to follow the graduation requirements set forth in their IEPs.)

The Class of 2020 – Students in the Class of 2020 can demonstrate graduation assessment proficiency through:

(1) Pass the PARCC Algebra I and English language arts/literacy (ELA) grade 10 assessments

The following pathways are available to students after they have taken all applicable PARCC assessments for each of the courses in which they are enrolled:

(2) Achieve scores defined in the table below on alternative assessments such as the SAT, ACT, or Accuplacer, PARCC ELA 9, ELA 11, Geometry, Algebra II; or
(3) The submission by the district of a student portfolio through the NJDOE's portfolio appeals process.

The Class of 2021 and Beyond – Starting with the Class of 2021, students will only have **two pathways** to meet the high school graduation assessments requirements:

(1) Pass the PARCC Algebra 1 and English language arts/literacy (ELA) grade 10 assessments; or
(2) The submission by the district of a student portfolio through the NJDOE's portfolio appeals process, **assuming the student has taken all PARCC assessments** associated with the high school level courses for which they were **eligible* and received valid scores**.

Each school year the NJDOE will determine the proficiency level needed on the assessments to meet the requirements.

It is important to note that our students have always been able to meet graduation requirements through an alternative assessment or pathway to graduation throughout New Jersey's forty-year history with a statewide assessment program, and will continue to be able to do so.

In this document, you will find charts containing the list of assessment requirements in both ELA and mathematics for the high school graduation Classes of 2018 through 2021.

*Note: * "Eligible" is defined as a student who is enrolled in a high school course for which there is a PARCC test and received a valid score. This includes all of these courses: Algebra I, Geometry, Algebra II, ELA 9, ELA 10, and ELA 11.*

ELA and Math Assessment Requirements for the Class of 2018

Three Pathways Available	English Language Arts (ELA)	Mathematics
First Pathway *Take and Pass a PARCC Test*	PARCC ELA Grade 9 >= 750 (Level 4) *or* PARCC ELA Grade 10 >=750 (Level 4) *or* PARCC ELA Grade 11 >= 725 (Level 3)	PARCC Algebra I >= 750 (Level 4) *or* PARCC Geometry >= 725 (Level 3) *or* PARCC Algebra II >= 725 (Level 3)
Second Pathway *Take and Pass one of the Alternative Assessments*	SAT Critical Reading (taken before 3/1/16) >= 400 *or* SAT Evidence-Based Reading and Writing Section (taken 3/1/16 or later) >= 450 *or* SAT Reading Test (taken 3/1/16 or later) >= 22 *or* ACT Reading or ACT PLAN Reading* >= 16 *or* Accuplacer WritePlacer >= 6 *or* Accuplacer WritePlacer ESL >= 4 *or* PSAT10 Reading or PSAT/NMSQT Reading (taken before 10/1/15) >= 40 *or* PSAT10 Reading or PSAT/NMSQT Reading (taken 10/1/15 or later) >= 22 *or* ACT Aspire Reading* >= 422 *or* ASVAB-AFQT Composite >= 31	SAT Math (taken before 3/1/16) >= 400 *or* SAT Math Section (taken 3/1/16 or later) >= 440 *or* SAT Math Test (taken 3/1/16 or later) >= 22 *or* ACT or ACT PLAN* Math >= 16 *or* Accuplacer Elementary Algebra >= 76 *or* PSAT10 Math or PSAT/NMSQT Math (taken before 10/1/15) >= 40 *or* PSAT10 Math or PSAT/NMSQT Math (taken 10/1/15 or later) >= 22 *or* ACT Aspire Math* >= 422 *or* ASVAB-AFQT Composite >= 31
Third Pathway *Portfolio Appeals*	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

*Note: * Test is no longer administered but can be used for the graduating year.*

ELA and Math Assessment Requirements for the Class of 2019

Three Pathways Available	English Language Arts (ELA)	Mathematics
First Pathway *Take and Pass a PARCC Test*	PARCC ELA Grade 9 >= 750 (Level 4) *or* PARCC ELA Grade 10 >=750 (Level 4) *or* PARCC ELA Grade 11 >= 725 (Level 3)	PARCC Algebra I >= 750 (Level 4) *or* PARCC Geometry >= 725 (Level 3) *or* PARCC Algebra II >= 725 (Level 3)
Second Pathway *Take and Pass one of the Alternative Assessments*	SAT Critical Reading (taken before 3/1/16) *or* SAT Evidence-Based Reading and Writing Section (taken 3/1/16 or later) *or* SAT Reading Test (taken 3/1/16 or later) *or* ACT Reading or ACT PLAN Reading* *or* Accuplacer WritePlacer *or* Accuplacer WritePlacer ESL *or* PSAT10 Reading or PSAT/NMSQT Reading (taken before 10/1/15) *or* PSAT10 Reading or PSAT/NMSQT Reading (taken 10/1/15 or later) *or* ACT Aspire Reading* *or* ASVAB-AFQT Composite	SAT Math (taken before 3/1/16) *or* SAT Math Section (taken 3/1/16 or later) *or* SAT Math Test (taken 3/1/16 or later) *or* ACT or ACT PLAN* Math *or* Accuplacer Elementary Algebra *or* PSAT10 Math or PSAT/NMSQT Math (taken before 10/1/15) *or* PSAT10 Math or PSAT/NMSQT Math (taken 10/1/15 or later) *or* ACT Aspire Math* *or* ASVAB-AFQT Composite
Third Pathway *Portfolio Appeals*	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

*Note: * Test is no longer administered but can be used for the graduating year.*

ELA and Math Assessment Requirements for the Class of 2020

Three Pathways Available	English Language Arts (ELA)	Mathematics
First Pathway	Take and Pass PARCC ELA Grade 10 >=750 (Level 4)	Take and Pass PARCC Algebra I >= 750 (Level 4)
Second Pathway *Take and Pass one of the Alternative Assessments* *This Pathway is only available if a student takes all PARCC tests associated with the high-school level courses for which they were eligible and receive valid scores**	PARCC ELA Grade 9 >= 750 (Level 4) *or* PARCC ELA Grade 11 >= 725 (Level 3) *or* SAT Reading Test *or* ACT Reading or ACT PLAN Reading** *or* Accuplacer WritePlacer *or* Accuplacer WritePlacer ESL *or* PSAT10 Reading or PSAT/NMSQT Reading *or* ACT Aspire Reading** *or* ASVAB-AFQT Composite	PARCC Geometry >= 725 (Level 3) *or* PARCC Algebra II >= 725 (Level 3) *or* SAT Math Test *or* ACT or ACT PLAN Math** *or* Accuplacer Elementary Algebra *or* PSAT10 Math or PSAT/NMSQT Math *or* ACT Aspire Math** *or* ASVAB-AFQT Composite
Third Pathway *Portfolio Appeals* *This Pathway is only available if a student takes all PARCC tests associated with the high-school level courses for which they were eligible and receive valid scores**	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

*Note: * "Eligible" is defined as a student who is enrolled in a high-school level course for which there is a PARCC test and receives a valid score. This includes all of these courses: Algebra I, Geometry, Algebra II, ELA 9, ELA 10, and ELA 11. ** Test is no longer administered but can be used for the graduating year. *** The NJDOE is providing flexibility to meet the math assessment requirement for students in the Classes of 2020 and 2021 who completed an Algebra I course prior to the September 6, 2016 effective date of the new high school assessment regulations.*

ELA and Math Assessment Requirements for the Class of 2021

Two Pathways Available	English Language Arts (ELA)	Mathematics
First Pathway	Take and Pass PARCC ELA Grade 10 >=750 (Level 4)	Take and Pass PARCC Algebra I >= 750 (Level 4)**
Second Pathway *This Pathway is only available if a student takes all PARCC tests associated with the high-school level courses for which they were eligible**	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

*Note: * "Eligible" is defined as a student who is enrolled in a high-school level course for which there is a PARCC test and receive a valid score. This includes all of these courses: Algebra I, Geometry, Algebra II, ELA 9, ELA 10, and ELA 11. ** The NJDOE is providing flexibility to meet the math assessment requirement for students in the Classes of 2020 and 2021 who completed an Algebra I course prior to the September 6, 2016 effective date of the new high school assessment regulations.*

1. **Course Fulfillment:** Every student must take and demonstrate proficiency in all the courses listed below and for the time indicated.
    a. One course of communications (English I, II III, IV) for each year of enrollment.
    b. Three courses of mathematics, must include Algebra I and Geometry
    c. Three courses in science, including Biology and two additional courses in laboratory/inquiry based science.
    d. One course of physical education, health or safety for each year of enrollment. A medical excuse exempts a student from physical education activities in the gym depending on the disability; it does not excuse anyone from completing all other requirements.
    Classroom Driver Education is offered in the tenth grade. A Driver Education Behind-The-Wheel program is offered by a commercial driving school in coordination with Adult/Community Education Course offerings. Family Life Education is a required course for every student in New Jersey Public Schools and is included in our health program.
    e. One course of visual/performing arts and one course of practical arts-consumer, family, computer or life skills are required.
    f. One course of World History
    g. Two courses of American History – United States History I and II. These are typically offered in the tenth and eleventh grades.
    h. One course of World Language.
    i. One 2.5 credit course in Economics or Financial Literacy (Can be fulfilled through Economics, Finance, Financial Literacy, JROTC III or Business Math.)

Grade Level Placement
Credit requirements for promotion are as follows:

Sophomore Status	30.00 Credits
Junior Status	65.00 Credits
Senior Status	95.00 Credits

2. **Attendance:** Since class activities and student participation in class are an integral part of each course, the Board of Education, in compliance with the State, has an attendance policy which requires regular attendance if a student is to be awarded full credit for any course. Failure to attend class regularly can result in non-credit status. **(Pemberton's attendance policy is described in detail in the student handbook distributed to all students annually in September.)**

3. **Credits:** A student must acquire at least a total of 125 credits over four years. A single block course, lasting a semester, earns five credits with a passing grade. A half block course that meets all year long earns 5 credits.

4. **Proficiencies and Content Standards:** Each course offering has required proficiencies and content standards, which must be mastered before credit can be earned. Although some courses stress different proficiencies, the categories are similar: mastery of course content, demonstration of skills, successful completion of homework, term papers, laboratory projects, shop work, and class participation as the by-product of regular attendance. Students must be aware that attendance is reflected in the course grade.

SELECTING YOUR COURSES

1. In a Block Schedule typically, each student will have four scheduled classes per semester plus a lunch period. Exceptions are students taking Career and Technical Education courses such as CIE, COE, etc. in the twelfth grade.

2. Some courses have a limited enrollment because of facility/equipment limitations; e.g. computers and science. A course may be canceled if the enrollment is too small to merit the assignment of a teacher. Low enrollments may also necessitate the combining of sequential subjects; e.g., French III & IV.

3. Students who enroll in a Career & Technical Education (CTE) Program (formerly known as Vocational Program) need to complete a sequence of three CTE courses or two CTE courses with paid Cooperative Education (CO-OP) as the third course of the sequence in order to be considered a New Jersey Department of Education COMPLETER of the CTE Program. This is a minimal two year commitment based on the CTE Program. Students interested in the paid CO-OP program during senior year should have Career & Technical Education training prior to entering the Paid CO-OP program.

4. **Students wishing to add/drop a course will be permitted to do so as long as the change occurs within the first 5 days of the semester. Students will not be permitted to make schedule changes beyond the 5 day add/drop grace period.**

5. Many four-year colleges require two or more courses of a world language. You must check the specific college catalogs to find out what is expected.

6. Students who intend to pursue Mathematics, Science or Engineering in college should take four years of rigorous Mathematics and Science in high school.

7. Early graduation: The only exception to the rule of completing four years is for a student who is approved for early graduation in three years. The conditions are:
    a. A student must have successfully completed all course requirements and have attained 125 credits by the end of their junior year.
    b. The eligible student must file for approval through the Counseling Center during the second semester of their sophomore year. **Students should consult their school counselor in the first semester of their sophomore year because tests such as the PARCC or SAT may need to be taken during their sophomore year.**
    c. Each student and parent must sign and abide by the terms of the early graduation agreement form. Please see your school counselor for details.

8. Option II – Is a program designed for students who are motivated to seek alternative methods of earning high school credit. Please see your school counselor for an application form. Options approved under NJ Dept. of Ed N.J.A.C. 6A:8 –5.1(a)1 include the following:
    a. College courses at PTHS, online or at a college campus, including certificated college programs
    b. Service Learning Projects
    c. Work-Based Internships/Apprenticeships

** **Students who fail required courses should make up the lost credit in summer school. PTHS no longer offers a traditional summer school; however, EDUCERE is an online provider that PTHS has approved. Parents/students are responsible for registration and payment. Students may also choose to attend summer school at other area high schools and again, parents/students are responsible for registration and payment. Failure to make up failed courses during the summer often results in course conflicts in the senior year. Each year students do not graduate because they lack credits or they have not passed subjects required for graduation.**

ACADEMIES

An academy is an organizational tool, which helps create a smaller learning environment for students with similar interests and talents. Academies increase relevance and rigor of the curriculum by focusing on career interests of students. Academies help students receive a more personalized education. Each academy helps students focus on skills they need to be successful once they leave high school and involve them in specific career pathways. Students need to be well prepared whether they decide to attend college, a trade school, or enter the world of work.

Academies also promote teamwork among teachers and link high schools to employers, communities and higher education. Teachers will serve as individual advisors to assist students in meeting the challenging course of study. Academies can benefit all students. The interests and needs of each student will determine what program they enter and what courses they choose. Students benefit from smaller groups and more individualized attention.

Research tells us that the following factors are the key to success of academies:

- A supportive environment among students and their teachers
- Academic career linkages and increased sense of curricular relevance
- Support from parents, employers, and community members
- A focus on achievement, and plans and objectives for after graduation

PTHS ACADEMIES FOR ENTERING 9TH GRADERS:

- Medical Arts Academy
- Aerospace/Science/Technology/Engineering & Math (Aero STEM Academy)
- Fine Art/Musical Experience (FAME)

A 9th grade student is not mandated to be part of an academy. Students who do not select a specific academy will be offered a broad selection of academic subjects that will allow them to meet state graduation requirements.

A-STEM Career Academy
Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
English I	English II	English III	English IV
Physics Honors	Chemistry Honors	Biology Honors	AP Physics C:Mechanics
Algebra I Honors/ Algebra II Honors	Geometry Honors	Pre-Calculus Honors	AP Calculus
AP Computer Science Principles	Java Honors	AP Computer Science A Or another AP STEM Elective	Elective
World History	US History I	US History II	
World Language	World Language	World Language	World Language
Health/PE	Health/PE	Health/PE	Health/PE
Lunch/Band/Chorus/ AVID/ JROTC	Lunch/Band/Chorus/ AVID/ JROTC	Lunch/Band/Chorus/ AVID/JROTC	Lunch/Band/Chorus/ AVID/JROTC
Engineering I	Engineering II	* Engineering III	* Internship or *Engineering IV Senior Project

A-Stem students are required to complete 5 AP STEM related courses or equivalent to graduate as a member of the A-Stem academy.
**** Denotes equivalence to an AP STEM related Course.***

MEDICAL ARTS ACADEMY

Medical Arts Academy-Pathway 1 (Honors)

Grade 9	Grade 10	Grade 11	Grade 12
English 1 Honors	English II Honors	English III Honors	English IV Honors
*AP Environmental Science/Comp Science Honors	Chemistry Honors	Anatomy & Physiology I	Genetics Honors
Biology Honors	Physics Honors	Anatomy & Physiology II	AP Biology/AP Psychology/AP Physics
Algebra I Honors or Geometry Honors	Algebra II Honors or Geometry Honors	Pre-Calculus Honors	Calculus or AP Calculus or AP Statistics
World History Honors	US History 1 Honors	US History II Honors	Intro to Emergency Medicine/Human Diseases and Conditions
World Language	World Language	World Language	World Language (Honors/AP)
Health/PE	Health/PE	Health/PE	Health/PE
Lunch/Band/Chorus/ AVID/JROTC	Lunch/Band/Chorus/ AVID/JROTC	Lunch/Band/Chorus/ AVID/JROTC	Lunch/Band/Chorus/ AVID/JROTC
Health Occupations	Medical Terminology I	Medical Terminology II	Internship/Medical Arts Senior Project

***AP Environmental Science REQUIRES a TEACHER & SUPERVISOR recommendation.**

Medical Arts Academy-Pathway II

Grade 9	Grade 10	Grade 11	Grade 12
English 1	**English II**	**English III**	**English IV**
Comp Science	**Chemistry or Biology**	**Anatomy & Physiology I**	**Human Diseases & Conditions**
Biology or Algebra I	**Nursing Assistant I/Medical Assistant I**	**Anatomy & Physiology II**	**Physics**
Algebra I or Geometry	**Algebra II or Geometry**	**Math Elective**	**Math Elective**
World History	**US History I**	**US History II**	**Honors Psychology/ AP Psychology**
World Language	**World Language**	**Medical Terminology II**	**Intro to Emergency Medicine**
Health/PE	**Health/PE**	**Health/PE**	**Health/PE**
Lunch/Band/Chorus/ AVID/JROTC	**Lunch/Band/Chorus/ AVID/JROTC**	**Lunch/Band/Chorus/ AVID/JROTC**	**Lunch/Band/Chorus/ AVID/JROTC**
Health Occupations	**Medical Terminology I**	**Nursing Assistant II/ Medical Assistant II**	**Internship/Medical Arts Senior Project**

Students that successfully complete the Medical Arts requirements will receive recognition at graduation.

Successful completion of the Medical Arts Academy is based on the following requirements:

- Completion of at least 35 credits in any combination of the elective courses listed above.
- Completion of 60 hours of community service
- Participation in extracurricular activities as described in the following:
    - Medical Arts students are expected to participate in Future Health Professions
    - Volunteering at Deborah Heart and Lung Center

FAME ACADEMY

FINE AND VISUAL ARTS	**PERFORMING ARTS**
Fine Art I	Concert Choir **-SKINNY**
*Fine Art II	* SWE (Select Women's Ensemble) **SKINNY**
*Fine Art III	*Choraliers **SKINNY**
*AP Fine Art	Exploring the Voice
Ceramics & 3D	* Vocal Seminar
Crafts	Concert Band (year long block)
Textile & Printmaking	Concert Band **SKINNY**
*Jewelry Making	Piano Lab I and II
Experiencing Art	*AP Music Theory
Theater Arts / Crafts	Instrumental Music Seminar
Drawing & Painting	Guitar Lab I and II
Graphics Arts 1	
*Graphic Arts II	
*Graphic Arts III	**After School Elective**
Practical Arts	* Marching Band (1st Marking Period)
Television & Journalism	
Television Production I	
*Television Production II	
*Television Production III	
Computer Animation/Editing I	
* Computer Animation/Editing II	*** Prerequisite required**

Students enrolled in the FAME Academy have the option of pursuing a graduation certificate in the Visual Arts or the Performing Arts.

Enrollment in the FAME Academy is based on the following requirements:

- Completion of at least 35 credits in any combination of the elective courses listed above.
- Participation in extracurricular activities as described in the following:
    - Visual Art students are expected to **participate in the Art Club.** In addition, students must **submit at least one work of art (per year) to any art show** or assist with the taping of 4 events for Channel 19.
    - Performing art students are expected to participate in any of the following:
        - Marching Band
        - Small Instrumental Ensemble (Jazz Band, Musical Pit Band, etc.)
        - Men's Ensemble or Women's Quartet
        - Pemberton Township High School Musical(s)

Eligibility (on a limited basis) for Senior Internships will be based on the following requirements:

- Completion of the above listed requirements
- **Exemplary** participation in the extra-curricular requirements, as demonstrated through one or more of the following:
    - Submission of pieces to annual art shows
    - Performance of a solo in at least one community event
    - Performance in Instrumental Ensemble groups
    - Acceptance into the All South Jersey Choir
    - Demonstrated video editing skills (for those interested in a TV Production internship)

THE HONORS PROGRAM

Enrichment or advanced placement courses are offered in mathematics, science, social studies, computer science, foreign languages and English. Qualified students may apply through their school counselor and should have the recommendation of their teachers.

There is no limit to the maximum number of honors courses which may be selected. We advise students to select more than two only after having a conference with parents, teachers, and counselors. Students who are also involved in extracurricular activities may find that the demands of several honors courses are excessive when added to other after-school and weekend involvements; e.g. band, cheerleading, sports, etc.

Colleges are more impressed by a grade of "B" in an honors course or in a challenging course like physics or chemistry than by a grade of "A" in an easier elective course. Rank in class does not impress colleges if you have chosen non-challenging courses or if your SAT/ACT scores are low. Students are encouraged to take the SAT or the ACT at a time when they are best prepared, and when the subject is still fresh in the student's mind.

Qualified students who receive the recommendation of the appropriate subject area teacher can be considered as candidates for the High School Honors Program.

1. A student should have a record of A's in the subject area that he or she chooses.

2. A student must be recommended by a teacher in that subject area.

3. A student must have demonstrated strong study habits, perseverance and the ability to complete assignments independently.

4. The student must have strong motivation to participate in the program. Strong will and desire, commitment, determination and ambition are key indicators.

5. All candidates must manifest an above average profile in all of the criteria listed above. A student who does not qualify for honors classes may request to test into the class in the summer before the school year begins.

6. Students who select honors classes are expected to complete substantial summer assignments before the school year begins.

7. Students who are presently enrolled in the Honors Program must meet the following criteria:
    a. Must earn minimum of “C” for final grade in the selected course or courses.
    b. Students maintaining a “D” average or less as a final grade may not be permitted to continue in the enrichment program for that particular subject area for the following year.

8. Transferring out of Honors Level Courses-If a currently enrolled honors student wishes to transfer to a lower level course, the procedures listed below must be followed.
    a. The student must schedule a conference with the counselor to discuss why he or she wishes to transfer.
    b. The counselor will contact all parties involved (parent, student, teacher, supervisor) and if all are in agreement that a transfer would be in the student's best interest, a transfer will be made.
    c. If parties are not in agreement, a conference involving the student, parent, teacher, counselor, and supervisor will be scheduled. The supervisor shall serve as the chairperson of this meeting and will make the final determination of student placement.

9. Levels of instruction impact upon a student's weighted grade point average (GPA). The levels are detailed below, and each student should become familiar with the various levels. The purpose of the levels is to encourage every student to select the most appropriate and challenging courses
    a. Level 1- Advanced Placement - Courses are equated to a college level and are rigorous and competitive. Each student who enrolls in an Advanced Placement course will be required to take the appropriate AP test. Entrance to the AP courses may require specific prerequisite courses or a demonstration of a knowledge base equal to the prerequisite course. Participation in this level course will require significant summer academic assignments. (The weighted value is 6.)
    b. Level 2 -Honors courses and courses that require a demanding rigorous and intensive academic commitment. Courses are competitive with homework, projects and research papers. (The weighted value is 5.)
    c. Level 3 -Courses are in above average range of difficulty. Age appropriate study skills are beneficial. The pace is slightly slower than Level 2 although the same material is covered. Some review of basic skills occurs. Level 3 courses are college prep and career readiness courses. Nightly homework is expected. (The weighted value is 4.5.)
    d. Level 4 - Courses are in an average range of difficulty. Age appropriate study skills are beneficial. (The weighted value is 4.)

College Accelerated Program (CAP)
Rowan College At Burlington County
Earn College Credits While Still in High School

CAP- College Accelerated Program allows PTHS students who take designated high school courses to obtain credit for high school and college credit at the same time! The courses are taken at PTHS and taught by PTHS staff members. Students must earn a minimum of a "C" average in the course to receive college credit. You enroll in RCBC at www.rcbc.app.dualenroll.com.Typically, a 3-credit course at the college costs over $400.00, however, PTHS CAP students will be given a reduced rate of $150.00 per three or four credit course. Note: This rate is determined by RCBC annually.

By partnering with our local community college we are able to give our students a "jump start" on their college careers. Students will be able to obtain both high school credit and college credit for the selected course. Below is a list of CAP courses that have been offered in the past. Courses are subject to change each year. Please contact your counselor for the most current CAP list. Questions can be directed to the Counseling Center (609) 893-8141 ext.1088.

PTHS Courses	RCBC Courses	
AP Biology	BIO 103/104	4 Credits
BIO 107/108		4 Credits
Biology Honors	BIO 103/104	4 Credits
AP Environmental Science	BIO 130/131	4 Credits
Anatomy & Physiology I	BIO 110/111	4 Credits
Anatomy & Physiology II	BIO 114/115	4 Credits
Genetics Honors	BIT 210	3 Credits
AP Physics 1	PHY 110/111	4 Credits
AP Physics C: Mechanics	PHY 210/211	4 Credits
Advanced Physics Honors	PHY 110/111	4 Credits
AP Chemistry	CHE 115/116	4 Credits
CHE 117/118	4 Credits	
Chemistry Honors	CHE 115	3 Credits
AP Computer Science	CSE 135	4 Credits
Medical Terminology I & II	HIT 105	2 credits (Must complete both I & II for credit)
AP Calculus AB	MTH 118	4 Credits

Calculus Honors	**MTH 142**	**3 Credits**
Pre-Calc Honors	**MTH 130**	**4 Credits**
Advanced Algebra	**MTH 112**	**3 Credits**
AP Statistics	**MTH 107**	**3 Credits**
English III Honors	**LIT 207**	**3 Credits**
AP Lang and Comp	**NG 101**	**3 Credits**
AP Lit and Comp	**ENG 102**	**3 Credits**
Theatre Lit & Lang	**THR 101**	**3 Credits**
Spanish III	**SPA 102**	**3 Credits**
Spanish IV	**SPA 201**	**3 Credits**
AP Spanish	**SPA 202**	**3 Credits**
French III	**FRE 102**	**3 Credits**
French IV	**FRE 201**	**3 Credits**
German IV	**GER 102**	**3 Credits**
AP US History	**HIS 101/102**	**6 Credits**
AP World History	**HIS 103**	**3 Credits**
AP European	**HIS 104**	**3 Credits**
Sociology	**SOC 101**	**3 Credits**
Honors Psychology	**PSY 101**	**3 Credits**
AP Psychology	**PSY 101**	**3 Credits**
AP Studio Art: 2-D Design	**ART 110**	**3 Credits**
AP Studio Art: Drawing	**ART 121**	**3 Credits**
AP Music Theory	**MUS 115**	**3 Credits**

T.V. Production I	**ETV 101 TV Production & Lab**	**4 Credits**
	ETV 105 Film Editing	**3 Credits**
T.V. Production II	**ETV 102 TV Production & Lab**	**4 Credits**
	ETV 205 Writing Workshop	**3 Credits**

Students will take all courses at PTHS, but are allowed to receive college credit while still in high school. Every college/university has guidelines for acceptance of credit. It is *strongly* recommended to check with the college or university your child will be attending to see which course(s), credits will be accepted.

WHAT IS THE NCAA?

The National Collegiate Athletic Association is a member-led organization dedicated to the well-being and lifelong success of college athletes. The Association shares a belief in and commitment to these seven core values. College-bound student-athletes preparing to enroll in a Division I or Division II school need to register with the NCAA Eligibility Center to ensure they have met amateurism standards and are academically prepared for college coursework.

Grade 9 Plan • Start planning now! Take the right courses and earn the best grades you can. • Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes. Or, find your high school's list of NCAA core courses at eligibilitycenter.org/courselist.

Grade 10 Register • Register for a Certification Account or Profile Page with the NCAA Eligibility Center at eligibility center.org. • If you fall behind on courses, don't take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

Grade 11 Study • Check with your counselor to make sure you are on track to graduate on time. • Take the ACT or SAT, and make sure we get your scores by using code 9999. • At the end of the year, ask your counselor to upload your official transcript.

Grade 12 Graduate • Take the ACT or SAT again, if necessary, and make sure we get your scores by using code 9999. • Request your final amateurism certification after April 1. • After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

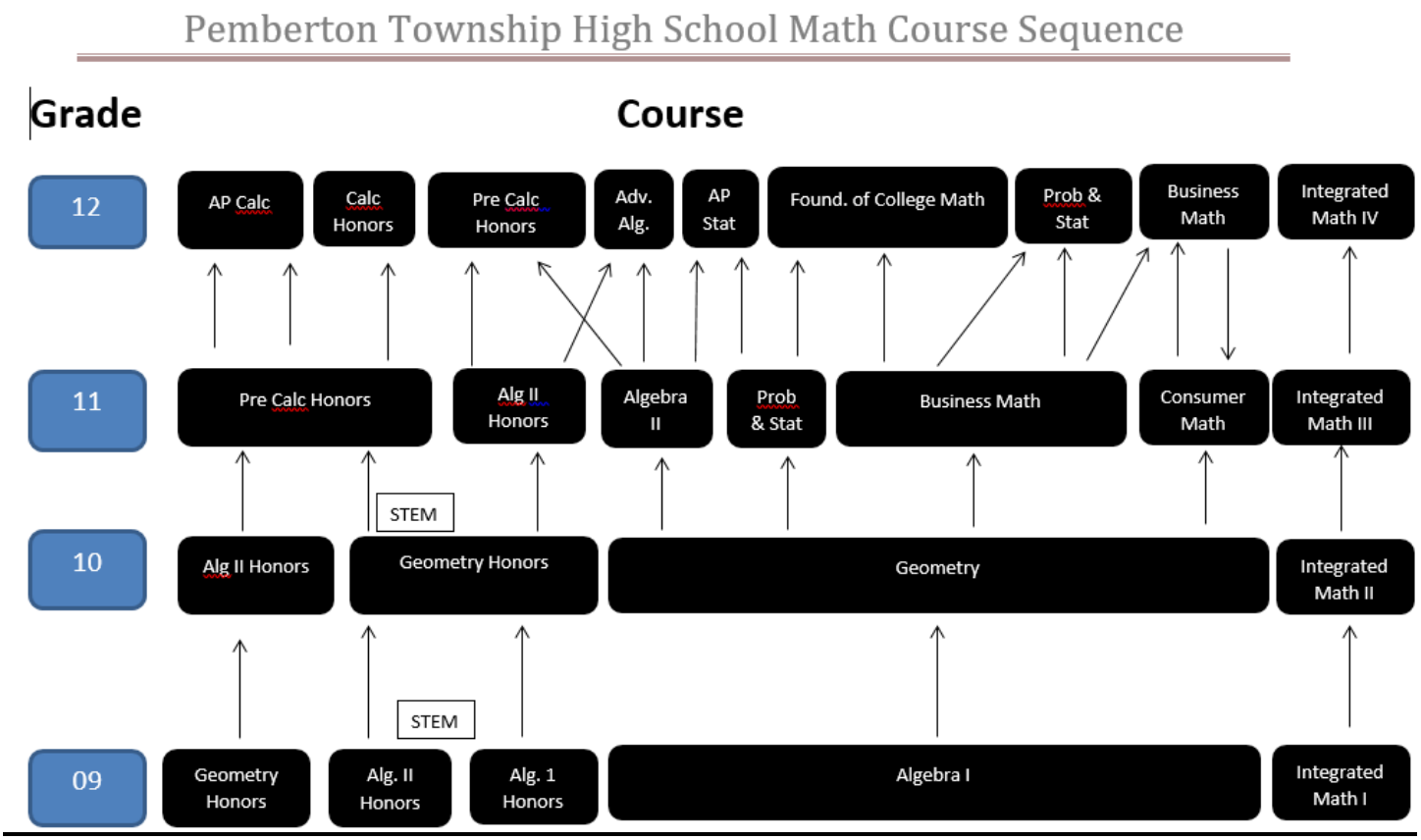
Core Courses

This simple formula will help you meet
Divisions I and II core-course requirements.
4 x 4 = 16
+ 4 English courses (one per year)
+ 4 math courses (one per year)
+ 4 science courses (one per year)
+ 4 social science courses (one per year)
= 16 NCAA CORE COURSES

IF YOU HAVE ANY QUESTIONS ABOUT NCAA ELIGIBILITY, PLEASE CALL THE NCAA INITIAL ELIGIBILITY CLEARINGHOUSE AT (317) 917-6222.OR TOLL FREE AT (877) 262-1492.
NCAA WEBSITE: WWW.NCAA.ORG

PUBLIC NOTICE

EVERY COURSE IN OUR SCHOOL IS OFFERED TO ALL STUDENTS WITHOUT REGARD TO RACE, COLOR, NATIONAL ORIGIN, GENDER, OR DISABILITY.



EXPLANATION OF MEETING CODES

Admission criteria depend solely on academic prerequisites; i.e., entrance to level two of any subject sequence depends solely on earning a passing grade in the first level of that subject. Example: You must pass Spanish I before being admitted to Spanish II.

A student may test out of a particular class or prerequisite by attaining eighty percent (80%) on the appropriate assessment.

The courses offered by the Pemberton Township High School meet in a number of different configurations. Certain courses meet in a variety of modes in order to best serve each student.

COURSE OFFERINGS

ARTS – VISUAL

FINE ART I Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

Fine Art I is a foundation course, focusing on the elements of art and principles of design. Students should expect an emphasis on drawing, as well as painting, sculpture, and printmaking. Art history will be explored along with aesthetics and art criticism.

FINE ART II Grades:10, 11, 12
Credits: 5 (Level 3)
Prerequisite: Fine Art I or teacher recommendation

Building on all basic skills from Fine Art I, students will develop their own personal sense of design working with drawing, painting, sculpture, and printmaking. There will be a strong emphasis on observational drawing. Art history will be explored along with aesthetics and art criticism in greater depth than Fine Art I.

FINE ART III Grades: 11, 12
Credits: 5 (Level 3)
Prerequisite: 1-1/2 years of art or teacher recommendation

The ability to perform in the skill areas of drawing, painting, sculpture and printing will be required. Portfolio preparation will begin and the study of art history, aesthetics, and art criticism will continue at a more advanced level.

AP 2-D ART AND DESIGN Grades: 11, 12
Credits: 10 (Level 1) (Year Long Block)
Prerequisite: Fine Art II

Learn to use 2-D design principles to organize an image on a picture plane in order to communicate content. Demonstrate mastery through any two-dimensional medium or process, such as graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. Develop technical skills and familiarize yourself with the functions of visual elements as you create an individual portfolio of work for evaluation at the end of the course. Summer work required. **College Accelerated Program (CAP) credit is available.**

AP 3-D ART AND DESIGN Grades: 11, 12
Credits: 10 (Level 1) (Year Long Block)
Prerequisite: Fine Art II

Explore sculptural issues and understand 3-D design principles as they relate to the integration of depth and space, volume and surface. Demonstrate mastery through any three-dimensional approach, such as figurative or non-figurative sculpture, architectural models, metal-work, ceramics, glass work, installation, assemblage and 3-D fabric/fiber arts. Develop technical skills and familiarize yourself with the functions of visual elements as you create an individual portfolio of work for evaluation at the end of the course. Summer work required. **College Accelerated Program (CAP) credit is available.**

AP DRAWING Grades: 11, 12
Credits: 10 (Level 1) (Year Long Block)
Prerequisite: Fine Art II

Explore drawing issues including line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making through a variety of means, such as painting, printmaking or mixed media. Develop technical skills and familiarize yourself with the functions of visual elements as you create an individual portfolio of work for evaluation at the end of the course. **College Accelerated Program (CAP) credit is available.**

CRAFTS I Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

This is a hands-on course designed for students who enjoy working in various craft media (weaving, clay, basketry, paper mache, mosaics and batik). Some history of American and international craft is also explored. Emphasis is placed on originality, creativity, and individual expression in 2- and 3-dimensional projects.

JEWELRY MAKING Grades: 10, 11, 12
Credits: 5 (Level 3)
Prerequisite: A minimum of one art course

Why buy jewelry when you can make your own? Come learn the fundamentals of jewelry making through a variety of exciting projects. Creative thinking is a must. Silver, copper, brass, PMC (Precious Metal Clay), and Sculpey will be the mediums explored in creating small metal sculptures, bracelets, rings, earrings and pendants.

*Qualified students must demonstrate respect for high technology tools and equipment.

EXPERIENCING ART Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

This course offers a general and very basic exposure to various techniques and mediums used by artists. Some art history is explored. No experience is required.

DRAWING AND PAINTING Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

Students will be encouraged to develop and improve their drawing and painting skill through the use of various mediums: pencil, charcoal, pastels, pen and ink, crayons, tempera, watercolor, and acrylic.

CERAMICS & 3D DESIGN Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

This course is designed for the student who is interested in a variety of 3D activities. Beginning and Advanced Ceramics & 3D Design provides an opportunity to build competency in hand building techniques in clay (pinch, slab, coil).

BUSINESS

ACCOUNTING Grades: 10, 11, 12
Credits: 5 (Level 3)

This course is designed for students pursuing a strong background in business, marketing, and management. This course introduces basic accounting principles for a business. Topics include the complete accounting cycle with end-of-period statements, bank reconciliation, and payrolls. Upon completion, students should be able to demonstrate an understanding of accounting principles and apply those skills to a business organization. Accounting computer applications will be integrated throughout the course where applicable.

COMPUTER LITERACY THROUGH APPLICATIONS Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

This is an introductory level course designed to give students a comprehensive, hands-on education in computer literacy. The intent of this course is for students to make the most of the computer by learning how to create, edit, and format documents using various programs. Since the Internet is a powerful research tool containing vast amounts of information, students will learn efficient ways of gathering relevant information, while filtering out useless or unrelated information. They will utilize the tools learned to perform advanced Internet skills, embed charts, integration within all the programs, tracking links to excel spreadsheets, creating e-forms and various specialized projects. The real-world projects will enable students to integrate the knowledge obtained and apply it in meaningful work-related applications.

SPORTS AND ENTERTAINMENT MARKETING Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

Sports and Entertainment Marketing is a unique and innovative course designed for students with an interest in the sports and entertainment industry. This course will stress the utilization of fundamental marketing concepts and will include an orientation to the sports and entertainment industry. Marketing strategies along with topics in sponsorship, pricing, marketing research, endorsements, and promotions will be part of this course. The course will develop critical thinking, decision making and communication skills through real world applications. Students will be prepared to handle specific tasks associated with either industry. This course offers students an edge if pursuing marketing or sports management degrees on the collegiate level.

- Guest speakers, case studies, field trips I.E. Wells Fargo Arena, videos and computer integrated activities will be incorporated into the class. Students are given the opportunity to participate in DECA (an association for marketing students).

BUSINESS LAW Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

Today's legal world is constantly changing at an unprecedented pace and in many ways technology is driving this change. The increasing use of the Internet in the 21st Century for business and political transactions are leading to new laws to govern the way in which business is conducted. Whether or not you enter the business world, legal problems may still arise. A strong background in business is vital for everyone. Business Law is a practical approach to law that emphasizes current and relevant topics that students need to understand. Topics will include: legal system, ethics, Constitutional rights, the role in the courts in our legal system, civil and criminal law, laws that protect minors, personal injury law, law and the Internet, contracts, fraud, and consumer protection.

FINANCE Grades: 10, 11, 12

Credits: 5 (Level 3)

Given the tremendous spending power available to teenagers in America, it is imperative that today's teens learn sound financial habits that will help them manage their money, before it manages them. Learning critical financial skills will assist them not only today, but throughout their lifetime. Finance provides a unique opportunity for students to learn about decision making in the American economy and to develop skills needed to take charge of their lives in today's global and technologically complex marketplace.

The activities are designed to provide a meaningful way for students to apply critical thinking, reading comprehension, writing, mathematics, and research skills to the real world in which they are already making spending decisions. Topics include:

- Income and Careers
- Credit & Debt Management
- Becoming Critical Consumers
- Risk Management & Insurance
- Money Management
- Planning, Saving, & Investing
- Citizen Financial Responsibility

FINANCIAL LITERACY Grades: 9, 10, 11, 12
Credits: 2.5 (Level 3)

Financial literacy applies problem solving and critical thinking to real-world events. Knowledge, skills, and ethical values are necessary when making consumer and financial decisions that impact the self, the family, and the local and global economy. Surviving in today's economy, students must be financially literate. This course is designed to enhance financial literacy through teaching life skills, consumer awareness and financial management.

DESKTOP PUBLISHING Grades: 9, 10, 11, 12
(Companion Course: Digital Business)
Credits: 2.5 (Level 3)

Desktop Publishing is one of the most important skills and trades in today's society. The students will use various types of desktop publishing and graphics software to learn how to create effective and exciting documents and publications. They will become a skilled and creative user of several desktop publishing programs by creating unique and interesting documents. Students will be learning technology tools to enhance learning, promote creativity, page layout to design such publications such as magazines, newspapers, flyers, brochures, business cards, forms, labels, etc.

DIGITAL BUSINESS
(Companion Course: Desktop Publishing)
Credits: 2.5 (Level 3) Grades: 9, 10, 11, 12

Using real-world scenarios, students will learn the importance of how writing effectively and formatting documents properly is an essential ingredient to the success of their professional growth. Formatting Business Documents is a staple resource and learning tool for every student.

WEB PAGE DESIGN Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

Web Page Design will introduce students to the basic concepts of developing web sites from the beginning stages of coding up to designing and publishing several web pages. They will learn about all aspects of website development, including web page layouts, typography, color, editing, graphics, scripts, applets, the use of plug-ins, from simple to advanced web-page designs. Students will utilize web-authoring programs such as: Microsoft FrontPage, Adobe Dreamweaver and other online authoring websites to help design and create web pages on topics suited to their interests. Coursework will include activities based on creativity; strengthens problem solving and developing dynamic web pages. This Web Page Design course will prepare students for today's competitive advantage in the job market.

ENTREPRENEURSHIP I Grades: 9, 10, 11, 12
(Companion Course: Entrepreneurship II)
Credits: 2.5 (Level 3)

Entrepreneurship will develop your soft skills, such as communication and teamwork that employers are desperately looking for right now as they scout to find the next generation of leaders at their companies.

This course will prepare you with a flexible background enabling you to make required career shifts and meet the demands of a constantly changing marketplace. The course is based heavily on activity driven-projects, role-play situations, direct hands-on activities and professionals from the business world. Trips (NYC Youth Business Summit), teamwork and mentoring program are all key components of this course.

ENTREPRENEURSHIP II
(Companion Course: Entrepreneurship I) Grades: 9, 10, 11, 12
Credits: 2.5 (Level 3)

This course will focus on the use of the Virtual Enterprises International curriculum. The course replicates all the functions of real businesses in both structure and practice. Students create and manage their virtual businesses from product development, production and distribution to marketing, sales, human resources, accounting/finance and web design. The program's greatest strength is it's student-centered, project-based approach leading towards National online and live competitions.

The VE approach emphasizes learning in four key areas:

1. **Ownership**: Students take responsibility for their own learning.
2. **Experiential**: Students' learning is authentic and realistic.
3. **Cooperative**: Students learn with and from others and understand the dynamics of working as part of a team.
4. **Reflective**: Students experience the consequences of their decisions and apply that learning to future challenges.

COOPERATIVE BUSINESS EDUCATION (CBE) - See page 68 for description Grades: 11, 12
Credits: 15 (For Program Completion) (Level 3)

CAREER & TECHNICAL EDUCATION

HEALTH OCCUPATIONS Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

Health Occupations is designed for the student who is interested in pursuing a career as a physician or nurse, as well as allied health professionals, such as radiology and laboratory technologists, therapists, and health informatics technicians. Historical and present health care issues, safety practices, universal precautions ,legal

and ethical principles, and foundation skills as they apply to various health fields will be introduced and explored. The class will expose students to a variety of careers that focus on health care practices in the various medical settings. Students will research health care professions, job descriptions, educational requirements and the related diseases and disorders treated by each field.

MEDICAL ASSISTANT I Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

The Medical Assistant I Class is designed to introduce students to concepts and skills involved in modern medical assisting, the health care system, ethics and law for the medical office, interaction with patients and their application to real life situations. The course of study includes anatomy, physiology and related diseases and disorders.

MEDICAL ASSISTANT II Grades: 11, 12

Credits: 5 (Level 2)
Prerequisite: Medical Assistant I with a grade of "C" or higher

The Medical Assistant II class is intended for practical application of medical assistant skills. Focus on patient care, job communication, medical ethics, medical malpractice, medical privacy (HIPAA), patient intake and reception skills are emphasized. This course is designed for the student who will look to enter into the workforce immediately following graduation. Course will provide sufficient knowledge and skills to acquire jobs in medical offices, clinics, hospitals and nursing homes. Course will include American Red Cross instruction in CPR/First Aid certification and AED and may become certified if able to pass the standard exam.

MEDICAL TERMINOLOGY I Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

The Medical Terminology I class is designed to accelerate and enhance the student's ability to master basic medical vocabulary and terminology required in pursuing nursing, allied health and related medical careers. The course introduces key word parts that are the building blocks for medical vocabulary. Terms are introduced, analyzed and grouped by association and include prefixes, suffixes, root words, and complex combinations. General application of numbers, positions and body directions will be studied. There will be application of medical, diagnostic and laboratory abbreviations. The study of basic medical terminology will prepare students for Medical Terminology II. Students will learn to spell and correctly apply terms in practice examples and case scenarios. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

MEDICAL TERMINOLOGY II Grades: 10, 11, 12

Credits: 5 (Level 2)
Prerequisite: Medical Terminology I

The Medical Terminology II class is designed to accelerate and enhance the student's ability to master critical medical vocabulary and terminology required in pursuing nursing, allied health and related medical careers. This course focuses on the medical terminology as it relates to anatomy and physiology. Students will be able to build on their knowledge from Medical Assistant I and develop a strong foundation in medical terminology

that can prepare them for a postsecondary educational program. Students will be able to master medical terminology as it relates to specialists, pathology, diagnostic and treatment procedures associated with each body system. Pharmacology concepts and vocabulary as it relates to medical treatment will focus on medical terminology needed in the healthcare professions. Students will learn to spell and correctly apply terms in practice examples, case scenarios and competitions. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

NURSING ASSISTANT I Grades: 9, 10, 11

Credits: 5 (Level 3)
Prerequisites: Enrollment in Medical Arts Academy.

Course content and skill development include the role and responsibilities of the nursing assistant, communication and interpersonal skills, the healthcare delivery system, legal rights and ethics, basic human needs, safety, vital signs, height and weight, human growth and development, anatomy and physiology, infection control, medical terminology, and reporting and documentation. Assessment strategies that measure outcomes for a this course include; written and oral quizzes, written chapter tests, daily practical observation, patient simulation, video recordings, concept mapping, open discussion and questions, return demonstration, role-play, reflection, and research summaries.

NURSING ASSISTANT II Grades: 10, 11, 12

Credits: 5 (Level 2)
Prerequisites: Completion of Nursing Assistant I.

Course content and skill development includes accident preventions and life threatening emergency care, admissions, discharges, and transfers of patients, proper body mechanics, assisting with examinations, collecting samples, surgical patient care, rehabilitation care, personal care for daily activities of living, long-term care, and caring for patients with chronic and acute illnesses. CPR/First Aid Certification will determine if students are prepared to recognize and care for first aid situations, breathing, and cardiac emergencies involving adults, children, and infants. **Administration of NOCTI Assessment upon completion of course.**

HUMAN DISEASES AND CONDITIONS Grades: 11, 12

Credits: 5 (Level 2)
Prerequisites: Medical Assistant I; Medical Terminology I

This course is designed for students to integrate their fundamental knowledge of body systems and medical terminology into a more comprehensive view of healthcare by studying nutrition, pathophysiology, and pharmacology. They will learn the impact of human disease and conditions in health care. Students will have the opportunity to apply their understanding to selected case studies.

EMERGENCY MEDICINE Grades: 11, 12

Credits: 2.5 (Level 2)
Prerequisites: Medical Terminology I & Anatomy and Physiology I

This course is recommended for students who intend to pursue a career as a physician, nurse or allied health professional. Students will gain an understanding of the field of Emergency Medicine, patient encounters, employment opportunities and team approach to health care. Students will engage in a rigorous course of study that will focus on patient history, physical examination, pathophysiology, determining diagnosis, treatment, management and evaluation while analyzing case-based clinical vignettes.

MEDICAL ARTS SENIOR RESEARCH PROJECT Grade: 12

Credits: 5 (Level 1)
Pre-Requisites: Highly Motivated Medical Arts Academy Student who has received at least an A or High B in academy pathway courses and/or Instructor Approval.

This course is designed for selected Medical Arts Academy students and taught as a college course, offering the opportunity to research and critically analyze medical or healthcare topics. Application of research and analysis will include a PowerPoint with Speaker Notes, poster display, paper, video or portfolio. Selection of final project topic and application method will be done in collaboration with a faculty member who will coordinate and establish agreed learning benchmarks during coursework. The focus of the project will include research data, impact on health and intervention strategies related to chosen topic. The student will integrate prevention measures, utilization of healthcare careers and resources, and patient care considerations.

Student will have an opportunity to present and discuss their project with other Medical Arts students, other student groups, or during off site school and/or Medical Arts Advisory Board Member events.

TELEVISION AND JOURNALISM Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

This course is perfect for the student who has ever watched television and wondered, “How do they do that?” Students enrolled in this course will develop understanding of the rapidly changing world of television and print journalism through the exploration of the history, economics, and industry structure of these fields. Participants will develop media literacy skills by analyzing messages to examine point of view, production techniques, and intention. Topics covered will include common persuasive techniques used in the media, copyright issues, and emerging trends in media convergence.

TELEVISION PRODUCTION I Grades: 10, 11, 12

Credits: 5 (Level 3)
Prerequisites: English I and Television and Journalism

This is a practical hands-on television course designed to give students the opportunity to develop skills in the field of television communication. Students will learn proper and safe operation of equipment, understand theories of the television process, learn techniques of writing and production, understand team concept in production, learn the history of television, explore new technologies and ideas and understand responsibility and skills of Electronic News Gathering.

TELEVISION PRODUCTION II Grades: 10, 11, 12
Credits: 5 (Level 3)
Prerequisite: Television Production I

This course will further students' understanding of Electronic News Gathering (ENG) through the production of various news packages and production assignments to be aired on Channel 19. Students will refine skills in video capture, interviewing, and linear and non-linear editing techniques. **College Accelerated Program (CAP) credit is available.**

TELEVISION PRODUCTION III Grades: 11, 12
Credits: 5 (Level 3)
Prerequisite: Television Production II

This course provides students the opportunity to produce a weekly newsmagazine-styled television show. Acting as a news team, the students take on the role of news writers, segment producers, field reporters, news anchors and video editors. Students are challenged to develop story ideas relevant to the school and community, while learning skills which are essential to a career in the fields of broadcast journalism as well as video production. **College Accelerated Program (CAP) credit is available.**

COMMERCIAL BAKING I Grades: 9, 10, 11, 12
Credits: 5 (Level 3) (Semester Course)

Students will learn the essential information needed to obtain employment as a baker's helper in commercial bakery or bakery or pastry shop. Students will learn how to work as an apprentice baker in a commercial bake shop setting. This introductory course will cover the entire field of bakery foods production from doughnuts, cookies, and pastries, to icings, pies, and breads. Assessment includes class participation, tests, quizzes, oral presentations, projects, plus a midterm and final exam.

COMMERCIAL BAKING II Grades: 10, 11, 12
Credits: 10 (Level 3) (Year Long Course)
Prerequisite: Commercial Baking I

This introductory course offers students the essential information needed to attain employment in commercial bakeries and pastry shops. Students will first learn safety practices. They will learn the skills of a baker's helper, including greasing and lining pans, and the production of cookies, cakes, sweet dough, bread, rolls, and cake and yeast donuts. Finishing and decorating of cupcakes and the production of muffins are included. More advanced training includes pastry mixing and baking, pie baking and the skills of an oven worker and donut mixer and fryer. Assessments include daily homework assignments, class participation, tests, quizzes, oral presentations, projects, plus a midterm and final exam.

Requirements are as follows:

- Attending class and shop
- Maintaining a student notebook to instructional standards

- Demonstrating progress in developing and/or maintaining levels of gainful employment as defined by course outline, competency and/or proficiency requirements to instructional satisfaction.

Students will take the ServSafe course and examination. After successfully completing the standards set forth by the National Restaurant Association Education Foundation for the ServSafe Food Protection, students will receive the Manager Certification Examination, which is accredited by the American National Standards Institute (ANSI) - Conference for food Protection (CFP). Students will then receive their license from the National Restaurant Association Educational Foundation (ServSafe).

COMMERCIAL BAKING III Grades: 11, 12

Credits: 10 (Level 3) (Year Long Course)
Prerequisite: Commercial Baking II

This course is a sequel to the Baking II course. Students continue to learn the essential information needed to obtain employment as commercial bakers and in pastry shops. Students learn superior decorating skills such as wedding cake decorating in addition to creating exotic tortes by hand. Students also learn to make such items as syrup, mousse and various creams and fillings. Assessments include daily homework assignments, class participation, tests, quizzes, oral presentations, projects, plus a midterm and final exam.

After successfully completing Baking II and Baking III, students take a written and practical test to be certified as a Journey Baker (CJB) Level I. Upon passing both tests the students receive a certificate from the Retailer's Bakery Association.

AUTOMOTIVE MECHANICS I Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

The Automotive Mechanics I / Light Agricultural Machine Maintenance course stress the basic jobs, operations and skills needed in the servicing and repairing of automobiles and light duty trucks. Students will also learn about and repair light agricultural equipment such as tractors used in the farming industry. Students will learn related mathematics, scientific principles and shop information involved in this type of work. Because modern automobiles and trucks are highly complicated, students will train to do more than just replace defective parts. They will learn how to use shop manuals and other sources of information to accurately diagnose abnormal operating conditions and use the correct repair procedures to keep automotive equipment operational. In addition to the practical "hands-on" approach to learning about the operation of the automobile, the students will focus on the essential math, reading and writing skills necessary to achieve a good foundation in the fundamentals of auto repair.

AUTOMOTIVE MECHANICS II Grades: 10, 11, 12

Credits: 10 (Level 3) (Year Long Course)
Prerequisite: Automotive Mechanics I

The Automotive Mechanics II / Light Agricultural Machine Maintenance course builds upon first year coursework. The course stress the basic jobs, operations and skills needed in the servicing and repairing of automobiles and light duty trucks. Students will also learn about and repair light agricultural equipment such as tractors used in the farming industry. Students will learn related mathematics, scientific principles and shop information involved in this type of work. Because modern automobiles and trucks are highly complicated, students will train to do more than just replace defective parts. They will learn how to use shop manuals and other sources of information to accurately diagnose abnormal operating conditions and use the correct repair procedures to keep automotive equipment operational. In addition to the practical "hands-on" approach to learning about the operation of the automobile, the students will focus on the essential math, reading and writing skills necessary to achieve a good foundation in the fundamentals of auto repair.

AUTOMOTIVE MECHANICS III Grades: 11, 12

Credits: 10 (Level 3) (Year Long Course)
Prerequisite: Automotive Mechanics II

The Automotive Mechanics III / Light Agricultural Machine Maintenance course builds upon second year coursework. The course stress the basic jobs, operations and skills needed in the servicing and repairing of automobiles and light duty trucks. Students will also learn about and repair light agricultural equipment such as tractors used in the farming industry. Students will learn related mathematics, scientific principles and shop information involved in this type of work. Because modern automobiles and trucks are highly complicated, students will train to do more than just replace defective parts. They will learn how to use shop manuals and other sources of information to accurately diagnose abnormal operating conditions and use the correct repair procedures to keep automotive equipment operational. In addition to the practical "hands-on" approach to learning about the operation of the automobile, the students will focus on the essential math, reading and writing skills necessary to achieve a good foundation in the fundamentals of auto repair.

CULINARY ARTS I Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

In this course you will learn the basics and beginnings of the art of culinary. Some of the concepts that will be covered in this course are proper measurements, appropriate cooking temperatures, mixing techniques and knife skills, meal arrangements, and selections according to nutrition. The learner will also understand how to smartly shop for food and create healthy meals. Students will prepare a variety of vegetables, meats, sweets, soups, batters, and doughs. Once individual projects are mastered you will learn how to prepare full meals. Students will also learn the preparation of mother sauces and how to choose which to use. This class will prepare the learner for our Advanced Culinary Arts I and II courses.

CULINARY ARTS II Grades: 10, 11, 12

Credits: 10 (Level 3) (Year Long Course)
Prerequisite: Culinary Arts I

The Culinary Arts Program is designed for students interested in attending a culinary institute or the vocational world of cooking and food services. Students will acquire hands-on training of the workings of a commercial kitchen environment. They will not only be cooking and serving food, but will learn to break down and inflate recipes, learn about food borne illnesses and how to properly sanitize, and be responsible for production reports, ordering, rotation of stock and monthly physical inventory in a commercial food services area. Entry-level students will focus on state-certified sanitation regulations, culinary terminology, and the identification of the tools and equipment in the food services field. They will learn to decipher recipes and change these recipes in accordance to the volume of food that is needed. Level two students will have much hands-on experience in the preparation of food, serving to customers and the catering field. Level two students will also take a state certified examination at the end of the course and receive a certificate of completion upon passing. In addition to the practical, "hands-on" approach to learning about the operation of food services, the students will focus on the essential math, reading and writing skills necessary to achieve a good foundation in the fundamentals of culinary. **This course can be expanded to a 15 or 20 credit course if student schedule allows and with permission of instructor.**

CULINARY ARTS III Grades: 11, 12

Credits: 10 (Level 3) (Year Long Course)
Prerequisite: Culinary Arts II

The Culinary Arts Program is designed for students interested in attending a culinary institute or the vocational world of cooking and food services. Students will acquire hands-on training of the workings of a commercial kitchen environment. They will not only be cooking and serving food, but will learn to break down and inflate recipes, learn about food borne illnesses and how to properly sanitize, and be responsible for production reports, ordering, rotation of stock and monthly physical inventory in a commercial food services area. Entry-level students will focus on state-certified sanitation regulations, culinary terminology, and the identification of the tools and equipment in the food services field. They will learn to decipher recipes and change these recipes in accordance to the volume of food that is needed. Level two students will have much hands-on experience in the preparation of food, serving to customers and the catering field. Level two students will also take a state certified examination at the end of the course and receive a certificate of completion upon passing. In addition to the practical, "hands-on" approach to learning about the operation of food services, the students will focus on the essential math, reading and writing skills necessary to achieve a good foundation in the fundamentals of culinary. **This course can be expanded to a 15 or 20 credit course if student schedule allows and with permission of instructor.**

FASHION ILLUSTRATION & COMPUTER APPLICATIONS Grades: 9, 10, 11, 12

Credits: 5 (Level 2)

This course will enable students to use a variety of industry-standard media and techniques, including computer software, fashion croquis (drawing aids), fashion illustrations, flat (technical) sketches of apparel, and fabric studies. There will also be some drawing of the fashion figure. Themes are incorporated into the fashion drawings as well as color palette and seasons for a specific target market.

FASHION AND PRODUCT DESIGN I Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

Through a variety of hands-on activities, students will demonstrate basic machine and hand-stitching skills. Emphasis will be on helping the student to feel comfortable and confident while working with fabric and equipment. Students will create attractive, functional projects in small blocks of time using repetitive skills for reinforcement and mastery. Students will assemble personal sample notebooks of learned construction techniques for future reference.

FASHION AND PRODUCT DESIGN II Grades: 10, 11, 12

Credits: 5 (Level 3)

Prerequisite: Fashion and Product Design I

Following review of regular sewing machine skills, students will advance to mastering the serger sewing machine, which cuts off excess seam allowance and finishes the seam all at once. A combination of classroom resources, including demonstrations, videos, and student exploration, will enable second semester sewers to advance their skills. Students will use these intermediate level skills to construct several projects throughout the semester. They will use purchased patterns, as well as create their own patterns, fabric and notions to complete a variety of accessory and clothing projects.

FASHION AND PRODUCT DESIGN III Grades: 10, 11, 12

Credits: 5 (Level 3)

Prerequisite: Fashion and Product Design II

Following a variety of research activities in fashion, students will learn and demonstrate a number of quick factory finishing techniques as evidenced by their sample books and individual term projects. Students will also study the garment industry's evolution and influence on today's fashion, including styles, cycles, designers, inspiration, inventions, textiles, production, marketing/retailing, and careers.

SPECIAL PROJECTS IN FASHION DESIGN Grades: 11, 12

(Independent Study)

Credits: 5 (Level 3)

Pre-Requisites: Concepts & Construction for Fashion Design, Technical Skills for Fashion Design, Advance Construction & Alteration for Fashion Design, Fashion Illustration & Computer Applications

Special Projects in Fashion Design is an independent study course that can run at the same time as another Fashion Design class. The purpose of this course is to enable students who have chosen fashion, apparel, and textiles related career paths to further their skills and knowledge in a chosen area. Possible units of study are Advanced Technical Skills & Draping, Textile Fibers & Fabrics, Design Studies Past Present & Future, Career Studies, Trend Forecasting, Cataloging, & Documentation, Building a Collection, and Building a Portfolio. Students wishing to enroll in Special Projects in Fashion Design must have instructor approval.

TECH FOR PRODUCT AND APPAREL DESIGN I Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

Tech For Product and Apparel Design I is a technology based product design course. Special attention is focused on textile applications in the form of imprinted sportswear. Students will use original and stock designs to create merchandise with specific target markets in mind. Designs will be applied to garments, bags, ceramics, glass, metals and plastics using special photo transfer inks and papers as well as vinyl cutting applications. Students will learn how to safely operate a variety of modern industrial technologies.

TECH FOR PRODUCT AND APPAREL DESIGN II Grades: 10, 11, 12
Credits: 5 (Level 3)
Prerequisite: Tech For Product and Apparel Design I

Tech For Product and Apparel Design II is an expansion on the knowledge gained in level one. Special attention is focused on textile applications in the form of imprinted sportswear. Students will use original and stock designs to create merchandise with specific target markets in mind. Designs will be applied to garments, bags, ceramics, glass, metals and plastics using special photo transfer inks and papers as well as vinyl cutting applications. Students will learn how to safely operate a variety of modern industrial technologies. Use of the embroidery machine and advanced editing techniques will be utilized in level two.

GRAPHIC ARTS I Grades: 9, 10, 11, 12
Credits: 5 (Level 3)
This course is designed to provide additional hands-on training using computer software and hardware for production and design in graphic arts. Emphasis is placed on utilizing various computer software and hardware to produce simple graphic arts projects. Upon completion, students should be able to use the computer as a graphic arts production tool.

GRAPHIC ARTS II Grades: 10, 11, 12
Credits: 5 (Level 3)
Prerequisite: Graphic Arts I

Graphic Arts II is an in depth continuation of the first level course plus multi-color reproductions of photography, silk screenings, printed copy and graphic reproductions. Further in depth studies of the printing processes and photo transfer techniques help students develop skills that could lead to careers in the printing trades and will be helpful in future education.

GRAPHIC ARTS III Grades: 11, 12
Credits: 5 (level 3)
Prerequisite: Graphic Arts II

Graphic Arts III is an in depth continuation of the work completed in Graphic Arts I and II plus involving the students in the learning of in depth studies relating to black and white photography, dark room**,** enlargement, and offset printing processes with a focus on developing entrepreneurship opportunities within the school and in the business world.

TOMORROW'S TEACHER Grades: 10, 11, 12
Credits: 5 (Level 2) (SKY)

This course is a study of the history, development, organization and practices of preschool, elementary, and secondary education. All students will participate in a field experience with a cooperating teacher during the course. It is highly recommended that students who are planning to pursue a career in education, educational administration, counseling, or social work take this course. All students accepted into the program will have automatic membership in the New Jersey Future Educators' Association and will be able to participate in NJFEA conferences and service projects. **Students also have an opportunity through Rider University to receive college credit for participating in the Tomorrow's Teachers program**.

COMPUTER SCIENCES

COMPUTER ANIMATION AND PHOTO EDITING Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

This course is designed to give students hands-on experience with computer programs used by professional Graphic and Web Page designers. Computer Animation involves converting images into moving images and adding visual effects and sound effects. Computer Animation is used in movies, TV shows, video games, websites and advertisements. Students will also gain experience with digital picture and photo editing software. Photoshop allows you to create and enhance photographs and illustrations, to improve picture quality, combine images into one picture, and add effects to pictures. Digital portfolios will be produced from projects created throughout the year.

COMPUTER ANIMATION AND PHOTO EDITING II Grades: 10, 11, 12
Credits: 5 (Level 2)

This course will provide students with an in depth training in animation, digital picture and photo editing software. It will provide students with the necessary skills to create animation, enhance photos, create 3D artwork and design web pages. It will provide students in the FAME Academy with an opportunity to apply what they have learned in art class to digital graphics and animation. It will also provide more options for students interested in web page design, video game design, and digital art. Students will produce a digital portfolio to display their projects.

INTRO TO JAVA HONORS Grades: 10, 11, 12
Credits: 5 (Level 2)
Prerequisite: Completion of AP Computer Science Principles with grade of C or better.

This course is an introduction to JAVA and object-oriented programming. It is intended for students who have either shown a real interest in computer science Students will be developing both applets and applications in JAVA, but emphasis will be placed upon problem solving strategies. We will be studying classes and the attributes and behaviors of objects. Students will be utilizing and applying concepts of Object oriented design including encapsulation of methods and instance fields. Other topics will include control structures, functions,

constructors, and data structures. Students will also be implementing graphical user interface (GUI) components within their programs.

AP COMPUTER SCIENCE PRINCIPLES Grades: 9, 10, 11, 12
Credits: 7.5 (Level 1)

This course is designed to introduce students to the central ideas of computer science. Students will develop computational and communication skills by working collaboratively to solve problems and discuss their impact on society and the world. Students are required to take the Advanced Placement Examination in May, which will offer them college credit or placement at cooperating institutions. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions.

AP COMPUTER SCIENCE A Grades: 11, 12
Credits: 7.5 (Level 1)
Prerequisite: Introduction to Java Honors

This is a second year course utilizing the Java language. This course is designed to prepare the student to take the Advanced Placement Examination in Computer Science, which is necessary for those students who want to receive college credit. This course provides a strong foundation in Object Oriented Programming and includes such topics as program design, analysis of algorithms, recursion, linked lists, multidimensional arrays, stacks, queues, encapsulation, inheritance and polymorphism. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

ENGLISH

ENGLISH I HONORS Grade: 9
Credits: 5 (Level 2)

Students in English I Honors are challenged to investigate a wide range of literary genres including expository works of nonfiction. These include the study the foundational documents of the United States and works of world literature. The course requires students to constructively join in conversations and participate in groups to share their insights and ideas both orally and in writing. Students express themselves in multiple writing formats including narrative, informative/explanatory, literary analysis, argumentative and research papers. The English I Honors course is tailored for high-achieving students — covering additional topics and some topics in greater depth than English I. **Students enrolled in English I Honors are required to take the PARCC ELA 9 Assessment.**

ENGLISH I Grade: 9
Credits: 5 (Level 3)

Students in English I are challenged to investigate a wide range of literary genres including expository works of nonfiction. These include the study the foundational documents of the United States and works of world literature. The course requires students to constructively join in conversations and participate in groups to share their insights and ideas both orally and in writing. Students express themselves in multiple writing formats including narrative, informative/explanatory, literary analysis, argumentative and research papers. **Students enrolled in English I are required to take the PARCC ELA 9 Assessment.**

ENGLISH IA Grade: 9
Credits: 5 (Level 3)

This course is the first half of English I. Students are challenged to investigate a wide range of literary genres including expository works of nonfiction. These include the study of the foundational documents of the United States and works of world literature. The course requires students to constructively join in conversations and participate in groups to share their insights and ideas both orally and in writing. Students express themselves in multiple writing formats including narrative, informative/explanatory, literary analysis, argumentative and research papers. Students are identified for enrollment in the full-year English IA and English IB courses through standardized test scores, academic performance, and/or teacher recommendation.

ENGLISH IB Grade: 9
Credits: 5 (Level 3)
Prerequisite: Successful completion of English IA

This course is the second half of English I. Students are challenged to investigate a wide range of literary genres including expository works of nonfiction. These include the study of the foundational documents of the United States and works of world literature. The course requires students to constructively join in conversations and participate in groups to share their insights and ideas both orally and in writing. Students express themselves in multiple writing formats including narrative, informative/explanatory, literary analysis, argumentative and research papers. Students are identified for enrollment in the full-year English IA and English IB courses through standardized test scores, academic performance, and/or teacher recommendation. **Students enrolled in English IB are required to take the PARCC ELA 9 Assessment.**

ENGLISH II HONORS Grade: 10
Credits: 5 (Level 2)

Students in English II Honors examine a diverse set of literary genres and pursue their investigation of expository works of nonfiction. This includes the analysis of the foundational documents of the United States and works of world literature. The course requires students to participate through constructively listening and sharing their ideas both orally and in writing. Students express themselves in multiple writing formats including narrative, informative/explanatory, literary analysis, argumentative and research papers. The English II Honors course is tailored for high-achieving students — covering additional topics and some topics in greater depth than English II. **Students enrolled in English II Honors are required to take the PARCC ELA 10 Assessment.**

ENGLISH II Grade: 10
Credits: 5 (Level 3)

Students in English II examine a diverse set of literary genres and pursue their investigation of expository works of nonfiction. This includes the analysis of the foundational documents of the United States and works of world literature. The course requires students to participate through constructively listening and sharing their ideas both orally and in writing. Students express themselves in multiple writing formats including narrative, informative/explanatory, literary analysis, argumentative and research papers. **Students enrolled in English II are required to take the PARCC ELA 10 Assessment.**

PREP ENGLISH II Grade: 10
Credits: 2.5 (Level 3)

English II Language Arts is designed for students who have successfully completed English I and have been identified through standardized test scores, academic performance, and/or teacher recommendation as needing to improve their reading and writing skills. Students will develop their abilities to analyze complex texts, determine and explain evidence, and reason critically. Students will also practice writing to sources with tasks that require analysis, synthesis and evidence. This course is taken in addition to English II.

AP LANGUAGE AND COMPOSITION Grade: 11
Credits: 7.5 (Level 1)

The AP Language and Composition course fulfills the English III graduation requirement. This college-level course is open to willing and academically prepared students. The AP course in English Language and Composition engages students in becoming skilled readers of prose (emphasis on nonfiction) written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. **Students are required to take the Advanced Placement Examination in May. College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

ENGLISH III HONORS Grade: 11
Credits: 5 (Level 2)

Students in English III Honors analyze expository works of literary nonfiction as well as a diverse spectrum of stories, poems, plays, and novels. This includes a variety of complex reading tasks focused on recurrent themes in American literature and foundational works of American political philosophy. The course requires students to demonstrate their listening skills by synthesizing the comments and claims of others and exercising outstanding teamwork when functioning in groups. Students develop oral and written arguments that are logical and well-reasoned, objectively assessing the evidence on all sides of an issue. Students express themselves in multiple writing formats including narrative, informative/explanatory, literary analysis, argumentative and research papers. The English III Honors course is tailored for high-achieving students — covering additional topics and some topics in greater depth than English III. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

ENGLISH III Grade: 11

Credits: 5 (Level 3)

Students in English III analyze expository works of literary nonfiction as well as a diverse spectrum of stories, poems, plays, and novels. This includes a variety of complex reading tasks focused on recurrent themes in American literature and foundational works of American political philosophy. The course requires students to demonstrate their listening skills by synthesizing the comments and claims of others and exercising outstanding teamwork when functioning in groups. Students develop oral and written arguments that are logical and well-reasoned, objectively assessing the evidence on all sides of an issue. Students express themselves in multiple writing formats including narrative, informative/explanatory, literary analysis, argumentative and research papers.

AP LITERATURE AND COMPOSITION Grade: 12

Credits: 7.5 (Level 1)

The AP Literature and Composition course fulfills the English IV graduation requirement. This college-level course is open to willing and academically prepared students. The study of language, composition, and literature will be rigorous. In composition, the student will write a series of papers that are analytically critical in nature as well as expository and persuasive essays and fully researched and properly cited critical analyses using MLA format. In literature, the student will be exposed to an in depth study of major works of World Literature. **Students are required to take the Advanced Placement Examination in May. College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

WESTERN PHILOSOPHY & LITERATURE HONORS Grade: 12

Credits: 5 (Level 2)

What is the nature of reality?
How do you determine between right and wrong?
What is our purpose in life?

Western Philosophy & Literature Honors introduces students to some of the world's leading philosophers. Special attention is given to the reflection of their ideas in the world's great literature. The course also stresses original research, which emphasizes analysis and logical, effective writing. Written and spoken skill development is highlighted by intensive vocabulary study. Students will be engaged in a rigorous course of study which will include substantial reading, research, analysis, and composition outside of the classroom: a final project based on a piece of artwork from the Philadelphia Museum of Art is required. Course of study: Metaphysics, Phenomenology, Ethics, and Existentialism. **The Western Philosophy & Literature Honors course fulfills the English IV graduation requirement.**

EASTERN PHILOSOPHY & LITERATURE HONORS Grade: 12

Credits: 5 (Level 2)

How do we know what we know?
What is zen and nirvana?
What determines what is beautiful?

Eastern Philosophy & Literature Honors continues to introduce students to some of the world's leading philosophers. Special attention is given to the reflection of their ideas in the world's great literature. The course also stresses original research, which emphasizes analysis and logical, effective writing. Written and spoken skill development is highlighted by intensive vocabulary study. Students will be engaged in a rigorous course of study which will include substantial reading, research, analysis, and composition outside of the classroom: a project at the Philadelphia Museum of Art is required. Course of study: Epistemology, Eastern Philosophies, and Aesthetics. **The Eastern Philosophy & Literature Honors course fulfills the English IV graduation requirement.**

ENGLISH IV Grade: 12
Credits: 5 (Level 3)

Students in English IV analyze a diverse set texts drawn from both the American and British literary traditions, including stories, poems, plays, novels, and literary nonfiction. Students also examine the political, philosophical, and social transformations that influence American and British culture and literature from the medieval to the modern era. English IV requires students to participate in a range of conversations and collaborations with peers in both oral and written activities. Students complete a variety of writing tasks in this course, including narrative, literary analysis, informative/explanatory, argumentative, and research papers.

ENGLISH AS A SECOND LANGUAGE Grades: 9, 10, 11, 12
Credits: 10 (Level 4) (Year Long Course)

English as a Second Language is a course designed for non-English and limited English speaking students only. Emphasis will be placed on the basic rudiments of oral language. Upon mastery of the basic skills, the student will be concentrating on reading, spelling, and grammar.

READ 180 I & II Grades: 9, 10
Credits: 5 (Level 4)

Read 180 is designed for students requiring specialized instruction to improve their reading and writing skills. Read 180 is a course designed to focus on reading, comprehension, and writing skills. The instruction is designed to incorporate whole group direct instruction, small group direct instruction, individualized computer

instruction, independent reading and frequent individualized conferences. <u>This course is taken in addition to English I and English II.</u>

<u>ENGLISH ELECTIVE COURSES</u>

LITERATURE AND THE HUMANITIES I & II HONORS
Honors Literature and the Humanities I and II center on the cultural evolution of western civilization from the fall of the Roman Empire onward. Students will, through exposure to selected readings – both fictional and nonfictional – artwork, music, architecture, and other anthropological sources, develop an appreciation of how

man adapted Western beliefs and philosophies into formal, civilized societies. The class incorporates historical, theoretical, and artistic learning disciplines. Each semester is concluded with a survey and review with a docent at the Philadelphia Museum of Art.

LITERATURE AND THE HUMANITIES I HONORS Grades: 10, 11, 12
Credits: 5 (Level 2)

What was the Black Plague?
What was the purpose of a castle and a cathedral?
Who were *Sir Gawain and the Green Knight*?
How many levels of Hell are in Dante's *Inferno*?

Humanities I covers the history, art & music, architecture, and literature from the fall of the Roman Empire through the Medieval Era with an emphasis on Medieval Studies and its impact on Western culture.

LITERATURE AND THE HUMANITIES II HONORS Grades: 10, 11, 12
Credits: 5 (Level 2)

How cruel was the Spanish Inquisition?
Why was Henry VIII so important to the Renaissance?
What does Gothic mean?
How was Milton's epic battle between Heaven and Hell waged?

Humanities II covers the history, art & music, architecture, and literature from the Renaissance and its impact on our present Western culture with an emphasis on humanism in the Age of Enlightenment. **Literature and the Humanities I is <u>not</u> a prerequisite for Literature and the Humanities II.**

AFRICAN AMERICAN LITERATURE HONORS Grades: 9, 10, 11, 12
Credits: 2.5 (Level 3)

This course will explore the literary traditions of African American literature through poetry, short stories, essays, drama, journals, and other written forms. Students of all races and ethnicities will benefit from a greater tolerance of cultural differences, as well as an appreciation for the singularity of the black historical presence in the United States.

CREATIVE WRITING Grades: 10, 11, 12
Credits: 2.5 (Level 3)

Students enrolling in the Creative Writing/Public Speaking class will be exposed to a rich variety of opportunities to explore their talents in written expression: poetry, short stories, essays, sketches, and other literary forms as well as public speaking. For creative writing, discussions, pre-writing exercises, peer criticism, and reading assignments constitute the body of activities that lead up to or follow the actual writing. Out-of-the-box thinking is encouraged and original writing styles are developed. The end of the course generates a writing portfolio of the writer's best work.

PUBLIC SPEAKING Grades: 10, 11, 12
Credits: 2.5 (Level 3)

Students will develop confidence and capability in oral expression. Formal and informal activities include exercises that are designed to make students feel at ease when speaking before a small or large group, to improve vocal expression and speech techniques, and to think logically and speak convincingly in a variety of situations. Humor, student criticism, and communication with a given audience are also considered.

LITERATURE AND LANGUAGE OF THEATRE Grades: 10, 11, 12
Credits: 2.5 (Level 3)

Literature and Language of the Theatre provides a foundation of knowledge with respect to understanding key aspects of theatre. The course will present knowledge of multiple features of theatre arts, with an emphasis on performance, production, and literary analysis. Aspects of the course include but are not limited to acting, public speaking, theatre history, improvisation, movement, voice, direction and production, literature analysis, and writing. Students will deepen their understanding of the art of acting and the connectivity between the role and reality and learn to convey thought and feeling through acting, writing, reading, and discussion. Additionally, students will gain an understanding of how to use the body and the voice as tools for acting; and participating in a group effort to direct and produce their own theatrical production. Students are required to memorize their parts for the production. **College Accelerated Program (CAP) credit is available.**

SAT PREP ENGLISH Grades: 11, 12
Credits: 2.5 (Level 3)

The purpose of this class is to help prepare students for the Reading and Writing and Language sections of the SAT. Students will learn the skills that will ensure their understanding of concepts, through detailed explanations, guided practice, and supplemental exercises. Practice tests will be administered along with designated practice. Students will utilize various resources and online programs to practice and master content.

MATHEMATICS

INTEGRATED MATH I Grade: 9
Credits: 5 (Level 4)

Integrated Math is designed for students requiring specialized instruction in the area of math. Emphasis is on mastery and application of basic math operations. Students will demonstrate competency in the areas of numeration, expressions, equations, inequalities, and ratios and proportional relationships. Additionally, students will use computation and comparative skills involving whole numbers, fractions, decimals and percents. Critical thinking and analyzing of information from graphs, charts, tables, and maps will be integrated throughout the course. Instruction will be designed to address individual levels while integrating NJ Student Learning Standards for Mathematics. Students will apply fundamental concepts of Algebra to practical and real life world situations.

INTEGRATED MATH II Grade: 10
Credits: 5 (Level 4)

Integrated Math II is designed for students requiring specialized instruction in the area of math. Emphasis is on mastery and application of basic math operations. Integrated Math II is designed to provide instruction in numeration, time, money, spatial relationships, geometric models, computation and comparative skills. Instruction will be designed to address individual levels while integrating NJ Student Learning Standards for Mathematics. Students will apply fundamental concepts of Geometry to practical and real life world situations.

INTEGRATED MATH III Grade: 11
Credits: 5 (Level 4)

Integrated Math III is designed for students requiring specialized instruction in the area of math. Emphasis is on mastery and application of basic math operations. Integrated Math III addresses Consumer Math concepts with concentration on being a wise consumer. The course provides an emphasis on budgeting, modes of transportation, and preparing for a career and earnings. Instruction will be designed to address individual levels while integrating NJ Student Learning Standards for Mathematics. Students will explore living within a budget and are challenged to create a balanced budget based on realistic income and expense information.

INTEGRATED MATH IV Grade: 12
Credits: 5 (Level 4)

Integrated Math is designed for students requiring specialized instruction in the area of math. During Integrated Math IV students will apply fundamental concepts of Geometry and Algebra to practical and real world situations. This course will focus on Consumer Math concepts with concentration on creating a budget based on a salary, banking, buying a car, purchasing or renting a home, shopping wisely, managing other household expenses, and travel. Instruction will be designed to address individual levels while integrating NJ Student Learning Standards for Mathematics.

BUSINESS MATHEMATICS Grades: 11, 12
Credits: 5 (Level 3)
Prerequisite: Algebra I

Business Mathematics reviews the practical uses of mathematics in the business world. Student will review and apply mathematical operations with whole numbers, decimals, fractions, ratios, and percents. They will understand terminology relating to personal and business mathematics applications and apply basic math skills to the solution of both personal and business applications. They will use common mathematical formulas to solve a variety of personal and business mathematics as well as apply knowledge of computer and calculator use.

CONSUMER MATHEMATICS Grades: 11, 12
Credits: 5 (Level 3)
Prerequisite: Algebra I

Consumer Math is designed for students requiring specialized instruction in the area of math. Students study and review arithmetic skills they can apply in their personal lives and in their future careers. The course includes a focus on occupational topics: jobs/careers, wages, deductions, taxes, insurance, recreation and spending, and transportation. In addition, students learn about personal finances, checking and savings accounts, loans and buying on credit, automobile expenses, and housing expenses.

ALGEBRA I HONORS Grade: 9

Credits: 5 (Level 2)
Prerequisite: 8th grade Common Core Math grade of "B" or higher and teacher recommendation. Approval of supervisor.

The course is designed for the academically talented mathematics student who has had experience with Algebra in middle school. In Algebra I Honors, students extend their understanding of the big ideas of equivalence and linearity. Topics include relationships between quantities, reasoning with equations, linear relationships, factoring polynomials, functions & modeling, and descriptive statistics.. Students studying Algebra I Honors will use appropriate tools to solve problems including technology, such as graphing calculators and computer software. **Students will take the PARCC Algebra I assessment upon completion.**

ALGEBRA IA Grade: 9

Credits: 5 (Level 3)

This course is the first half of an Algebra 1 course. It is designed for the students to learn the fundamentals of Algebra I that support the New Jersey Student Learning Standards. Students will continue to develop the algebraic skills and concepts learned in Math 8 in addition to developing the necessary algebraic skills and concepts for future competency in mathematics. Some of the concepts include relationships between quantities, reasoning with equations, linear relationships, & statistics.

ALGEBRA IB Grade: 9

Credits: 5 (Level 3)
Prerequisite: Algebra 1A

This course is a continuation of the Algebra IA course. It will provide practice of patterns and more advanced algebraic topics. It is designed for the student that is seeking to improve his/her skills and to prepare for college and career readiness. It will provide a solid foundation for further study in mathematics in advanced courses by helping students develop computational, procedural, and problem-solving skills. Students will learn to simplify radical expressions and polynomial expressions and factor polynomials. Students will also learn to construct and compare linear, quadratic, and exponential models and solve problems. Students will learn to translate real-life situations to mathematical models and obtain solutions using probability and statistics. **Students will take the PARCC Algebra I assessment upon completion.**

ALGEBRA I Grade: 10, 11, 12

Credits: 5 (Level 3)
Prerequisite: Algebra 1A & 1B

This course is designed for students who have demonstrated difficulties with grade level mathematics. It will provide a solid foundation for further study in mathematics in advanced courses by helping students develop computational, procedural, and problem-solving skills.

GEOMETRY HONORS Grades: 9, 10, 11, 12

Credits: 5 (Level 2)

Prerequisite: Honors Algebra I final grade of "B" or higher: Honors Algebra II (A-Stem) final grade of "B" or higher. Approval of instructor/supervisor

The course will be helpful in preparing to take the PARCC, SAT I or ACT tests. An intuitive introduction leads to a gradual development of formal proofs. Properties of common geometric figures such as parallel and perpendicular lines, congruent triangles, polygons, similar figures, circles, and solid figures are developed and used in problem solving. Algebraic applications of geometric concepts are frequently applied. Trigonometric ratios are explored in solving right triangles. Cooperative learning is instituted to provide a positive interface to develop individual and group interaction, individual and group accountability, along with interpersonal and group skills. Constructions and projects are also integrated into the course. A graphing calculator is used regularly in this course. **Students will take the PARCC Geometry assessment upon completion.**

GEOMETRY Grades: 9, 10, 11,12

Credits: 5 (Level 3)

Prerequisite: Algebra I

Geometry explores the fundamental areas of plane geometry including postulates, definitions and theorems and develops spatial relationships between points, lines and planes. Students will also discover the properties of geometric figures involving transformations, congruence, measurement, similarity, area and volume. There is an emphasis on logical thinking skills as well as analytical thinking. Trigonometric ratios are explored in

solving right triangles. Graphing calculators, websites and other technological resources may be used to enhance understanding. This course also provides a comprehensive preparation for the PARCC, SAT, and ACT. **Students will take the PARCC Geometry assessment upon completion.**

SAT PREP MATH Grades: 11, 12

Credits: 2.5 (Level 3)

The purpose of this class is to help prepare students for the math portion of the SAT. Students will learn the skills that will ensure their understanding of concepts, through detailed explanations, guided practice, and supplemental exercises. Practice tests will be administered along with designated practice. Students will utilize various resources and online programs to practice and master content.

ALGEBRA II HONORS Grades: 9, 10, 11,12

Credits: 5 (Level 2)

Prerequisite: Geometry Honors with a final grade of "B" or higher; Algebra I Honors (A-STEM) with a final grade of "B" or higher; Approval of instructor/supervisor.

This course is designed to extend the skills and concepts developed in Algebra I. Previous concepts that are explored in greater depth include equations, inequalities, exponents, functions, graphing, systems of equations, polynomials and radicals. This course will extend function concepts to include polynomial, rational, and radical functions. The standards in this course continue the work of modeling situations and solving equations. Students will study a variety of different functions, including linear, quadratic, and logarithmic functions. Use of the graphing calculator will be necessary for discovery, problem solving, and modeling. An emphasis is also placed on using variables and the language of Algebra to solve a variety of comprehensive word problems that are applicable to the world today. Supportive educational websites are encouraged to engage the student in varied instructional method. **Students will take the PARCC Algebra II assessment upon completion.**

ALGEBRA II Grades: 9, 10, 11,12
Credits: 5 (Level 3)
Prerequisite: Geometry

This course is designed to extend the skills and concepts developed in Algebra I. Previous concepts that are explored in greater depth include equations, inequalities, exponents, functions, graphing, systems of equations, polynomials and radicals. This course will extend function concepts to include polynomial, rational, and radical functions. The standards in this course continue the work of modeling situations and solving equations. An emphasis is also placed on using variables and the language of Algebra to solve a variety of comprehensive word problems. **Students will take the PARCC Algebra II assessment upon completion.**

FOUNDATIONS OF COLLEGE MATH Grades: 12
Credits: 5 (Level 2)
Prerequisite: Completion of Algebra I and Geometry.

This course is intended for students seeking a rigorous course of study in preparation of a two or four-year college program. It is designed to expand on the topics covered in Algebra II and to provide an instruction to additional topics which the student might encounter in college. The topics covered include basic operations on polynomials, factoring, exponents, radicals, graphs, systems of equations, problem solving with linear equations and inequalities and rational expressions and equations. **This course is offered in a partnership with Rowan College at Burlington County (RCBC). Students will review prerequisite concepts for college math and take the Accuplacer College Placement Exam** Pretest and Posttest. In order to receive credits for MTH075 at RCBC, they must meet the criteria: a B or better in this course with a score of a 250 or better on the accuplacer OR a 255 or better on the accuplacer with a passing grade for this course.

AP STATISTICS
Credits: 10 (Level 1) Grades: 10, 11, 12
Prerequisite: Geometry with a grade of an "A"; teacher/instructor approval.

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and

drawing conclusions from data. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

PROBABILITY AND STATISTICS Grades: 11, 12

Credits: 5 (Level 2)
Prerequisite: Geometry with a grade of "C" or higher

This course is designed for the student who wishes to continue to explore a large range of mathematical topics with an emphasis on "real world" applications such as games of chance, random population, and actuarial science. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data, calculating simple theoretical probabilities, identifying the characteristics and applying theoretical probability distributions, and analyzing basic inferential statistics data. Students will regularly apply the tools of technology including the graphing calculator and computer to solve problems. They will be challenged through critical thinking exercises and participate in various group and individual activities that will enhance their mathematical reasoning ability and communication skills. Students are expected to use the information and technology in various ways in real world applications.

ADVANCED ALGEBRA Grades: 11, 12

Credits: 5 (Level 2)
Prerequisite: Algebra II with a grade of "C" or higher

This course is intended for students seeking a rigorous course of study in preparation of a two or four-year college program. It is designed to expand on the topics covered in Algebra II and provide the prerequisites for Precalculus. Topics covered include basic operations on advanced polynomials, exponents, radicals, conic sections, systems of equations, quadratic equations, rational functions, exponential and logarithmic functions, sequences and series, and basic trigonometry. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

PRECALCULUS HONORS Grades: 10, 11, 12

Credits: 5 (Level 2)
Prerequisite: Algebra I and II, Geometry with a grade of "C" or higher. Approval of instructor/supervisor.

This course is recommended for those students who intend to pursue mathematics or an allied field. A major part of the course is an in-depth study of trigonometry. The 6 trigonometric functions and relationships in triangles, the unit circle, and analytic trigonometry, including proofs are stressed. Additional topics include: Graphs, Polynomial, Power, and Rational Functions, Exponential and Logarithmic Functions, and topics in Discrete Mathematics, such as: the Binomial Theorem, Sequences and Series. If time allows, additional topics will be explored both individually and as a class. Regular homework assignments will be given. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

AP CALCULUS AB Grades: 11, 12

Credits: 10 (Level 1) Year Long Block
Prerequisite: Precalculus Honors with teacher recommendation. Approval of instructor/supervisor.

This course is designed for students who have excelled in Analytic Geometry & Calculus. Topics include limits, differentiation, applications of differentiation, anti-differentiation, the definite integral and its applications, natural logarithms, exponential functions, techniques of integration, vectors and parametric equations, polar coordinates, infinite sequences and series, power series, differential equations, hyperbolic functions, multiple integrals and partial derivatives. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

CALCULUS HONORS Grade: 12

Credits: 5 (Level 2)

Prerequisite: Algebra I and/or II, Geometry and Precalculus (Adv. Alg. may be taken concurrently with this course.)

This course is designed for students who have attained a mature level of mathematical thought. Topics covered in the course include relations and functions, solving higher order equations, conic sections and their graphs and differential calculus with related applications to problems in mathematics and science. There is no attempt to teach a college-level course, but the course is offered to fill a need for our students who are intending to study further mathematics and science at college. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

PERFORMING ARTS

CONCERT CHOIR Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

Prerequisite: Ability to match pitches and sing a simple melody in tune.

The choir is a group of approximately 100 students who sing together and perform at concerts and programs throughout the school year. A willingness to work within a group and a fair voice are important. Students are graded on concert attendance and classroom participation. Extracurricular opportunities to participate in girls chorus, men's ensemble, select choir and small singing groups of three, four and more are by invitation of the conductor.

SELECT WOMEN'S ENSEMBLE Grades: 10, 11, 12

Credits: 5 (Level 2)

Select Women's Ensemble requires an invitation and approval for enrollment. Please discuss this option with the instructor for additional details.

CHORALIERS Grades: 10, 11, 12

Credits: 5 (Level 2)

Prerequisite: One year of concert choir and/or demonstration of advanced singing abilities.

Choraliers is a select group of 10th, 11th and 12th grade singers. Enrollment is determined by auditions only.

CONCERT BAND Grades: 9, 10, 11, 12

Credits: 10 (Level 3) Year Long Block

Prerequisite: Ability to read and play music at an intermediate level. Some previous ensemble experience is preferred, but not required.

Concert Band is designed to give the student an enriching and diverse instrumental music education. This class provides a number of performance opportunities for the student in a variety of settings. The daily objective of the course is to foster and promote musical growth through the playing of an instrument by the student. As a member of the band program, group effort and cooperation is necessary to a successful program. Band is a skilled effort in which each student is expected to show technical and musical growth throughout this course. Woodwind choir, Hornet Brass, percussion ensemble and a Jazz band are organized from within this ensemble. To be considered for any of the previous, you must be registered for concert band.

MARCHING BAND Grades: 9, 10, 11, 12

Credits: 2.5 through Option II (Pass/Fail)

(First Marking Period/ After School Activity)

Marching Band is a class that meets after school to practice a competitive marching band field show. The field show consists of instrumentalists memorizing music, and band front members learning a flag and/or equipment routine, both while performing high intensity drill maneuvers on the field. The Marching Band performs all football games as well as a number of marching band competitions during weekends in the fall season.

INSTRUMENTAL MUSIC SEMINAR Grades: 9, 10, 11, 12

Credits: 5 (Level 2)

Prerequisite: Prior instrumental experience, teacher approval

Instrumental Music Seminar is an Instrumental techniques course designed to meet the needs of students that desire more intensive independent study of their instrument than can be provided in a large ensemble setting. Students taking this course should have a strong desire to refine their instrument with a possible long term goal of a career in the performance. Students will be required to learn the instrument specific solo for All Region Band and perform a solo at the end of the semester as part of their final grade.

AP MUSIC THEORY Grades: 10, 11, 12

Credits: 7.5 (Level 1)

Prerequisite: Students should be able to read and write musical notation, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument.

The AP Music Theory course corresponds to one or two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation and other listening skills, sight singing, and harmony, are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight singing. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are also emphasized. **Students are required**

to take the Advanced Placement Examination in May, which will offer them college credit or placement at cooperating institutions.

PIANO LAB - INTRO TO KEYBOARDING Grades: 9, 10, 11, 12
Credits: 2.5 (Level 3)

The Piano Lab class is designed for students who will learn the fundamentals of piano/keyboarding in a midi keyboard lab setting. Students will learn how to read music, while developing performance skills and gain an understanding of music theory and composition. By the end of the course, students will be able to perform in a variety of styles, but more importantly, they will have the skills to continue their musical journey by learning pieces on their own.

PIANO LAB II Grades: 9, 10, 11, 12
Credits: 2.5 (Level 3)
Prerequisite: Successful completion of Piano Lab - Intro to Keyboarding

The Piano Lab II class is designed for students who want to learn extended piano technique, and would focus on the minor mode and three variations of the minor scale. Piano II would continue the instruction of piano literature and music theory concepts, picking up where Piano I leaves off. By the end of the course, students will be able to plan, prepare and perform a final concert in the school. Students would also be encouraged to expand their skills to other performing ensembles such as accompanying a student from choir, or playing in the Jazz band, or other musical ensembles that use pianists. Students will also research jobs that they could have as a pianist, such as Church musician, or wedding musician.

GUITAR - INTRO TO GUITAR Grades: 9, 10, 11, 12
Credits: 2.5 (Level 3)

This class is open to all students with no previous experience required. The course includes music fundamentals, theory, songs, and performances, listening, improvising, and learning to read standard music notation as well as tablature. Students will learn open chords, power chords, moveable chords, single note (melody) playing, accompaniment techniques, and a variety of playing techniques and styles, including both pick-style and finger-style approaches to the guitar**.**

GUITAR II Grades: 9, 10, 11, 12
Credits: 2.5 (Level 3)
Prerequisite: Successful completion of Intro to Guitar

The Guitar II class is designed for students who want to continue the instruction of guitar literature and music theory concepts, picking up where Guitar I leaves off. The students would learn extended guitar technique and would focus on the minor mode and three variations of the minor scale, as well as the pentatonic scale and Barre chords. By the end of the course, students will be able to plan, prepare and perform a final concert in the school. Students would also be encouraged to expand their skills to other performing ensembles such as accompanying a student from the choir or playing in the jazz band, or other musical ensembles that use guitarists. Students will also research jobs that they could have as a guitarist, such as a wedding musician or private instructor.

EXPLORING THE VOICE Grades: 9, 10
Credits: 5 (Level 3)

Exploring the Voice is a beginner vocal techniques course for students who may, but do not need to have prior vocal experiences. This course is designed to meet the needs of students who are at the beginning stages as a vocal musician and wish to build their self-esteem and increase confidence in their singing voice. Students taking this course should have a desire to refine their instrument with a goal of performing with singing groups during their high school career and in their adult life. Students who enroll in this course should be able to match pitch.

VOCAL SEMINAR Grades: 11, 12
Credits: 5 (Level 3)

Description: Vocal Seminar is a vocal techniques course designed to meet the needs of students that desire more intensive independent vocal study than can be provided in a large ensemble setting. Students taking this course should have a strong desire to refine their instrument with a possible long term goal of a career in the vocal arts.

PHYSICAL EDUCATION

PHYSICAL EDUCATION/HEALTH Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

New Jersey School Law requires that each student successfully participate in a Physical Education program each year while in high school. Such a program may include physical education, health, safety and Family Life Education. Our physical education program is designed to give students an opportunity to learn about and to participate in a variety of activities, including soccer, tennis, volleyball, badminton, softball and physical fitness.

The twelfth grade program includes one marking period of health education. Topics covered include: Family Life Education, drugs, alcohol and tobacco. Ninth and eleventh grade students study human development, both mental and physical, communicable diseases and related health problems. Driver education theory is offered to tenth grade students.

PHYSICAL EDUCATION/ADAPTIVE Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

This course is designed for students requiring specialized instruction. It is geared towards helping each student to appreciate and utilize his/her strengths and abilities. Students in this program will be able to acquire an appreciation and respect for physical fitness and personal well-being through a wide range of physical activities.

SCIENCE

COMPREHENSIVE SCIENCE - HONORS Grade: 9

Credits: 5 (Level 2)

Prerequisite: Grade 8 Science Honors grade of "B" or higher. Teacher recommendation; Approval of instructor/supervisor

This course is designed to fulfill the first half of the Biology requirement for college bound students. This course provides a foundation of biology and chemistry to include the fundamentals of biochemistry, ecology, evolution, and cell respiration. This course serves as a basis for further study in biology and chemistry related advanced college preparatory courses. This course also includes an introduction to the science laboratory. This course goes into more depth within various topics.

COMPREHENSIVE SCIENCE Grade: 9

Credits: 5 (Level 3)

This course is designed to fulfill the first half of the Biology requirement for college bound students. This course provides a foundation of biology and chemistry to include the fundamentals of biochemistry, ecology, evolution, and cell respiration. This course serves as a basis for further study in biology and chemistry related advanced college preparatory courses. This course also includes an introduction to the science laboratory.

AP BIOLOGY Grades: 11, 12

Credits: 10 (Level I) (Year Long Block)

Prerequisites: Biology and Chemistry grade of "B" or higher; approval of Instructor/Supervisor/completion of summer coursework

Recommended: Honors courses in sciences and mathematics.

This course is designed for students who have excelled in the sciences and are interested focusing on careers in the life sciences. The pace of the course is rapid and will cover extensive topics in biochemistry, genetics, cell differentiation, physiology, ecology and embryology. Laboratory experiences and outside readings are among the components of the course. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

BIOLOGY HONORS Grades: 9, 10

Credits: 5 (Level 2)

Prerequisite: Grade of "B" or higher in Comprehensive Science Honors or AP Environmental Science; Approval of Instructor/Supervisor

The Honors Biology I course involves the same subject topics as the regular Biology course but each is covered in greater depth and more rigor in order to prepare the student for AP Biology, Anatomy & Physiology, and/or Honors Genetics. The major objective is to acquaint students with the in depth principles of the life sciences. Key underlying concepts include genetics, microbiology, cell structure & function, protein expression, evolution, and ecology. Students are expected to learn independently, maintain a class notebook,

and log their laboratory experiences. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

BIOLOGY Grade: 10

Credits: 5 (Level 3)
Prerequisite: Comprehensive Science, Environmental Science/Natural Resources.

The Biology I course is intended for those students preparing to go on to college. The major objective is to acquaint students with the basic principles of the life sciences. Key underlying concepts include genetics, microbiology, protein expression, evolution, and DNA. An important part of the program is laboratory time. It is used to expand the ideas covered during regular class time. Students are expected to maintain a class notebook, as well as a log of their laboratory experiences.

GENETICS HONORS Grades: 11, 12

Credits: 5 (Level 2)
Prerequisites: Biology and Chemistry grade of "B" or higher; approval of Instructor/Supervisor

The Genetics course focuses on "cutting edge" laboratory investigations, the application of computers to problem based learning, dialogue and debate on the role of genetics and society, and the relationship between genetic models and human genetic diseases and disorders. The Honors Genetics students will be working on advanced laboratories with the genetic material of DNA and proteins. Throughout the year the emphasis is on "hands on" experiences that challenge the student's scientific insight. Students will also be encouraged to examine the ethical issues that are generated by scientific research in genetics as they prepare for their role as an adult in today's rapidly changing society. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

ANATOMY & PHYSIOLOGY I HONORS Grades: 11, 12

Credits: 5 (Level 2)
Prerequisite: Biology with a grade of "B" or higher; Approval of Instructor/Supervisor

The Anatomy and Physiology I course is the study of the structure and function of the body and its parts, as well as the interrelationship of those parts. Students in this course will study the structural levels of organization, chemistry necessary for life, identification of body parts and the function of body systems. This is a student-centered lab-based course. The course is designed in 6 units and covers the following systems: Integumentary, Skeletal, Muscular, Nervous, and Endocrine. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

ANATOMY & PHYSIOLOGY II HONORS Grades: 11, 12

Credits: 5 (Level 2)
Prerequisite: Anatomy & Physiology I Honors with a grade of "B" or higher; Approval of Instructor/Supervisor

The Anatomy and Physiology II is a continuation of the study of the structure and function of the human body and the mechanisms for maintaining homeostasis. This is a student-centered lab-based course. The course is designed in 6 units and covers the following systems: Cardiovascular, Lymphatic, Respiratory, Digestive,

Urinary, and Reproductive. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

AP ENVIRONMENTAL SCIENCE Grades: 9, 10, 11, 12

Credits: 10 (Level 1) (Year Long Block)
Prerequisites: Algebra 1, Comprehensive Science, Biology; approval by instructor/supervisor.

The AP Environmental Science course is designed to be the equivalent of one semester, introductory college level course in environmental science. This is a rigorous science course that emphasizes the studies of scientific principles, analysis, and environmental studies. Topics in biology, chemistry, geology, environmental studies, sustainability, human impacts on Earth, & biodiversity will be covered. Laboratory experiences and outside readings are among the components of the course. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

ENVIRONMENTAL SCIENCE AND NATURAL RESOURCES Grades: 9, 10, 11, 12

Credits: 5 (Level 3)
Prerequisite: Grade 9 students will be placed based on 8th grade Science performance; Biology (Grade 11 and 12); Approval of instructor/supervisor
Co-requisite: Biology (Grade 10)

This course is designed mainly for the academically oriented student who desires to continue biological training. The course will be subdivided into two major parts. Emphasis will be placed on limnology (study of freshwater life systems) and terrestrial ecology which will stress the fundamental principles of ecosystems and their relationship to man. Another significant part will stress environmental science involving the effect of man upon his physical and biological environment. A survey of Environmental Careers will be developed.

HORTICULTURE Grades: 10, 11, 12

Credits: 5 (Level 3)
Prerequisite: Biology

This course is intended for those students interested in plant science. Key concepts include plant structure and function, plant propagation, horticultural equipment, landscaping, nursery operation, soils, floral design, marketing and advertising. This course provides both the botany aspect, as well as the trades of the horticultural industry. Students will be responsible for creating various floral design for the holidays, landscaping and maintaining areas around the school grounds and operating the greenhouse for seasonal plants.

AGRICULTURAL SCIENCE Grades: 11, 12

Credits: 5 (Level 3)
Prerequisite: Biology

A course designed to introduce students to the biological principles of the plant kingdom with a concentration of natural sciences. The study of the plant kingdom will be the basis for applications of biological principles in floriculture, nursery operations, and landscape management. The student will develop a basic understanding of applied sciences relating to agriculture. Students will also be exposed to the diversity of agricultural mechanics, animal science, plant science, soil conservation and maintenance, horticulture, and agricultural business. Foundations in the content of each area, leadership, record keeping, and safety will be covered as well as integrating realistic production activities.

INTEGRATED SCIENCE Grades: 11, 12

Credits: 5 (Level 3)
Prerequisite: Comprehensive Science and Biology

This science course satisfies the third year graduation requirement for students. Students encounter anatomy and physiology, structure and function of normal and diseased human biology with supporting chemistry and physics. Continuous exposure to applications that connect to their own bodies and relate to their local and global community, students will investigate numerous career paths and professional goals like Sports Medicine and Glaucoma Specialists. The course is designed to be hands-on, interactive and participatory with dissections of the mammalian brain, heart and eye. Student will learn to analyze, assess, and make decisions using scientific data and research in reflex and sensory labs. Projects include the overview of the normal endocrine functions and then viewed under varying impacts of Nutrition and Exercise. The chemistry of digestion is tracked to reveal how food is broken down and stored. Students gather their own data to calculate calories consumed, especially from sugars that can impact Obesity and Diabetes Type 2. A culminating museum field trip exposing normal and diseased human anatomy completes the course of study.

APPLIED SCIENCE Grade: 12

Credits: 5 (Level 4)
Prerequisite: Comprehensive Science, Biology and Integrated Science

This science course is designed for students requiring specialized instruction. Students encounter topics from chemistry, biology, earth science and physics. It is student-centered, active, and project based, encouraging students to be active participants in their own learning. Instead of emphasizing memorization and abstract learning it focus on authentic instruction to promote contextual learning. The learning processes require students to solve problems and complete tasks that are found in real-life situations. Students work in small groups to acquire and use information, make decisions, and apply academic knowledge to real-world frames of reference. Teamwork and hands-on approaches are emphasized. Such instructional practices make learning more meaningful, help students to see the applications of their knowledge and skills, and connect learning to the world outside the classroom. Authentic assessment consists of student portfolios, presentations, and/or exhibits.

AP CHEMISTRY Grades: 11, 12

Credits: 10 (Level 1) (Year Long Block)
Prerequisites: Honors Chemistry, Algebra II grade of “B” or exit midterm/final exam grade of a “B” or higher in the required prerequisite courses; approval of Instructor/Supervisor.
Suggested: Honors courses in sciences and mathematics.

This AP Chemistry course is intended for those students who have excelled in the sciences and wish to take the Advanced Placement Examination in Chemistry. This course is a rigorous course meeting the same requirements found in a first year college/university level chemistry course. The pace is rapid, and will cover extensive topics in the structure of the atom, the periodic table, nuclear chemistry, chemical equilibrium, organic chemistry, etc. Laboratory experiences and written research reports are among the components of the course. Assessments include daily homework assignments, tests, quizzes, class participation, lab reports, oral presentations, projects, plus a midterm and final exam. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions.

College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).

CHEMISTRY HONORS Grades: 10, 11, 12

Credits: 5 (Level 2)
Prerequisite: Honors Algebra I or grade of "B" or higher; approval of instructor/supervisor
Co-requisite: Honors Algebra II

Honors chemistry involves the same subject topics as the regular chemistry course but each is covered in greater depth and more rigor. Also included are nuclear chemistry, limiting reactants, thermochemistry, and solubility. An emphasis is placed on the quality of the work received, rather than on quantity. Laboratory reports, independent research and experimentation are integral parts of the Honors Chemistry program. Assessments include daily homework assignments, class participation, tests, quizzes, lab reports, oral presentations, projects, plus a midterm and final exam. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

CHEMISTRY Grades: 10, 11, 12

Credits: 5 (Level 3)
Prerequisites: Algebra I grade of "C" or higher; Comprehensive science AND Biology grade of "C" or higher
Co-requisite: Algebra II

The science that deals with the properties, composition structure, and interactions of matter with regard to the energy changes that take place within those interactions. Students are introduced to a communication system involving symbols, formulas and equations. The students are introduced to the world of chemistry on three levels, macroscopic, submicroscopic and symbolic. Mathematical aspects of chemistry, such as dimensional analysis, analysis of compounds, and graphing are included. Theoretical aspects include atomic theory and structure, periodic table trends and bonding. Other topics include solids, liquids and gases, acids and bases, thermochemistry, stoichiometry, and chemical reactions. In addition, aspects of consumer and environmental chemistry and how it relates chemistry to the everyday world will be discovered through laboratory investigations. This course is designed for the college bound student. Assessments include daily homework assignments, class participation, tests, quizzes, lab reports, oral presentations (using current technology to support their presentations), projects, plus a midterm and final exam.

CONCEPTUAL CHEMISTRY Grades: 11, 12

Credits: 5 (Level 3)
Prerequisites: Algebra 1 and Biology

This is a fundamental chemistry course designed for the students to grasp the concepts of chemistry without the prerequisite math needed to be successful in the other chemistry courses. Students will review the scientific method with a focus on writing hypotheses and identifying types of variables, study particles of matter, balance chemical equations and identify different types of reactions. This course addresses physical and chemical changes that matter undergoes while physical and chemical properties are studied. Students will study atomic structure, bonding, light, as well as chemical reactions and the history of scientists who have added to today's understanding of atomic structure. The entire course is supported by laboratory experiments and video media to help students "see and hear" the concepts they are learning about.

ENGINEERING I Grades: 9, 10, 11, 12

Credits: 5 (Level 2)

Prerequisite: 9th grade: A-STEM Acceptance; 10th, 11th, 12th grade: Approval of instructor/supervisor.

The course is designed to provide an excellent introduction to the field of engineering for students enrolled in the STEM Academy. It is a project-based course consisting of several major projects with increasing complexity. This course meets 2 major requirements for students in the STEM Academy: It allows the student to gain exposure to a broad range of career opportunities available in the engineering fields and it provides hands-on opportunities for the student to take on the role of engineers by applying design process skills and software design tools to a range of different projects. Students will learn 3D Modeling Tools, Basic Electronics Circuit Design, Programming Microprocessors, and the Engineering Design Process as they participate in individual and team projects. Some examples of possible projects are designing and building 3D models of Catapults and/or Bridges that meet specific design requirements and designing and programming various autonomous systems using sensors and motors to perform complex tasks.

ENGINEERING II Grades: 10, 11, 12

Credits: 5 (Level 2)

Prerequisite: Engineering I and Physics **or** Approval of instructor/supervisor

This course is tailored to reflect the first course (Fundamentals of Engineering) in the Engineering Sequence at RCBC. It involves student collaboration and focused interdisciplinary academic application related to a specific engineering design problem(s). In addition to learning team project management skills, each design problem is of a complexity that requires an understanding of the "systems of systems" design approach, where each student is solely responsible for the design and implementation of a major subsystem of the team project. Electronic, mechanical, and computer-aided drafting lectures and lab modules are designed to give students the skills to design, build, document, and present a working project. Each team prepares a written report, gives an oral presentation, and demonstrates their multidisciplinary project. Projects must contain at least two elements of electronic, mechanical, architectural, and/or civil engineering design and incorporate elements of the latest trends in technology (for example, the "internet of things" and/or "swarm computing" concepts).

ENGINEERING III Grades: 11, 12

Credits: 5 (Level 2)

Prerequisite: Engineering II grade of "B" or higher **or** Approval of instructor/supervisor

This course involves individual study and exploration of a topic of interest by the student resulting in an engineering design project involving at least two areas of interest in the STEM fields of their choice. **Prior to**

the first day of class, students are responsible to submit a powerpoint of their desired project at the conceptual level that defines the problem with detailed requirements, demonstrates it is feasible, and also provide an overall cost estimate. Students will be expected to perform with a high level of autonomy under the supervision of a mentor teacher as they design, build, test and integrate their individual STEM based project. Students will follow a rigorous engineering design process of documentation, review, and final presentation of their work to an external review panel throughout the course.

ENGINEERING IV SENIOR PROJECT Grade: 12

Credits: 5 (Level 1)

Prerequisite**:** Highly Motivated STEM Academy Student who has received at least an "A" or High "B" in Engineering I, Engineering II, Engineering III and/or approval of instructor/supervisor.

This course is designed to be one of the Capstone courses available for select STEM Academy students. It will offer students the opportunity to apply all of their STEM career-based skills developed throughout their high school career to a senior project of their choice and design. Selection of the final project will be done in collaboration with a faculty member who will be responsible for coordinating various design reviews and ensuring the accomplishment of key milestones as part of the project scope. **Prior to the first day of class, students are responsible to submit a powerpoint of their desired project at the conceptual level that defines the problem with detailed requirements, demonstrates it is feasible, and also provide an overall cost estimate**. The senior project should incorporate at least 2 of the 4 STEM fields of study (Science, Technology, Engineering, Mathematics) and if applicable serve some local community need or solve a real world problem. Students will participate in several job shadowing opportunities related to the STEM fields of interest and will be responsible for developing a poster session presentation describing those experiences to their peers and the A-STEM Academy faculty, There will also be opportunities to mentor other STEM students in Engineering I as part of their experience.

FORENSIC SCIENCE Grades: 11, 12

Credit: 5 credits Science Elective (Level 3)

Prerequisites: Grade of "C" or higher in Biology and Chemistry

This course will introduce the student to the various areas that make up the broad category known as forensic science. These areas will include analysis of biological, chemical, psychological and physical evidence. This course is intended for those interested in learning the discipline of forensic science, crime scene investigations and how the information is used to implicate or exonerate suspects. Students will be introduced to crime scene analysis and techniques including: entomology, toxicology, botany, pathology, and anthropology, trace evidence like hair, fibers, fingerprints, bloodstains, soils, writing samples, glass, arson investigations and ballistics. Field trips and guest presenters add a high level of realism to the experience.

AP PHYSICS Grades: 11, 12

Credits: 10 (Level 1) (Year Long Block)

Prerequisites: Biology Honors grade of "B" or higher; approval of Instructor/Supervisor

Co-requisites: Calculus

This course is designed for students who have excelled in the sciences, who have demonstrated superior ability in mathematics, and who wish to take the Advanced Placement Examination in Physics (Mechanics, Electricity, and Magnetism). The pace of the course is rapid and will cover extensive topics in

Classical Mechanics, Electrostatics, Current Electricity and Magnetism. Laboratory experiences and outside readings are among the components of the course. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

AP PHYSICS C: Mechanics Grades: 11, 12

Credits: 10 credits (Level 1)
Prerequisites: Physics Honors and Calculus Honors grade of "B" or higher. Approval of Instructor/Supervisor
Co-requisites: Calculus Honors

This course is designed for students who have excelled in the sciences, who have demonstrated superior ability in mathematics, and who wish to take the Advanced Placement Examination in Physics (Mechanics). It covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Laboratory experiences and outside readings are among the components of the course. **Students are required to take the Advanced Placement Examination in May**, which will offer them college credit or placement at cooperating institutions. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

PHYSICS HONORS Grades: 9, 10, 11, 12

Credits: 5 (Level 2)
Prerequisites: Algebra I with a grade of "C" or higher; Approval of instructor/supervisor
Co-requisite: Algebra II

This course assists students in discovering the laws of nature first-hand at a pace that allows for the development of required mathematical concepts. Major concepts covered include, but are not limited to, kinematics, Newton's laws, work and energy, momentum, gravity, circular motion, sound and optics. Special emphasis is placed on experimental design and problem solving. Weekly lab experiments are performed during class and the results are analyzed in lab reports and/or lab group presentations. Several projects which require a synthesis of several related topics in physics will be assigned during each marking period. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

SOCIAL STUDIES

WORLD HISTORY HONORS Grade: 9

Credits: 5 (Level 2)

This course is designed for the serious social studies student; a student who is willing to think, write, create and discuss on a daily basis because they find these activities worthwhile and exciting. Students should also be willing to work independently or in a group/team approach, which places a dual emphasis on why events happened, rather than a detailed study of the event, and what impact the event had on human history and its many cultures. This unusual approach and emphasis is accomplished through a unique blend of history, cultural geography and anthropology. This is a required course for graduation.

WORLD HISTORY Grade: 9
Credits: 5 (Level 3)

World History is a course designed to give students an understanding of past world events and how these events affect them today and connect to the future. To accomplish this, the student must recognize the countries, capitals, and physical features of the major regions of the world. The students will compare and contrast the various religions of the world and how they impact the different societies of the world. The students will analyze and interpret the significance of historical patterns throughout world history. This information will be used to relate past events to current world issues and predict how it will influence the future. Students will be assigned homework and will be expected to participate in class discussions, simulations, and other classroom activities. This is a required course for graduation.

US HISTORY I HONORS Grade: 10
Credits: 5 (Level 2)

The US History I Honors course is tailored for high-achieving students — covering additional topics and some topics in greater depth than US History I. The US History I Honors class surveys the history of the United States from the arrival of the first Americans through the end of the 19th Century. It introduces the themes of balance between unity and diversity, the shaping of democracy, the search for opportunity, and the influence of geographical factors. It also examines Pre-Revolutionary America, the Revolution, the Constitution, the New Republic, foreign and domestic policies of early America, the West, slavery, the Civil War, Reconstruction, and Industrialization. Students will examine these concepts using multiple lenses and a using a variety of digital resources.

US HISTORY I Grade: 10
Credits: 5 (Level 3)

The US History I class surveys the history of the United States from the arrival of the first Americans through the end of the 19th Century. It introduces the themes of balance between unity and diversity, the shaping of democracy, the search for opportunity, and the influence of geographical factors. It also examines Pre-Revolutionary America, the Revolution, the Constitution, the New Republic, foreign and domestic policies of early America, the West, slavery, the Civil War, Reconstruction, and Industrialization. Students will examine these concepts using multiple lenses and a using a variety of digital resources.

AP US HISTORY Grade: 11
Credits: 7.5 (Level 1)
Prerequisite: US History I Honors

This college-level course is open to willing and academically prepared students. The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology;

America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times. **Successful completion of the course fulfills the US II graduation requirement. Students are required to take the AP US History Exam in May. College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

US HISTORY II HONORS Grade: 11
Credits: 5 (Level 2)

The US History II Honors course is tailored for high-achieving students — covering additional topics and some topics in greater depth than US History I. This course continues the in-depth examination of American and New Jersey History. Students will acquire the ability to evaluate the political, social and cultural events that have shaped our nation since the 19th century. Students will analyze the causes and determine the effects of significant events which gave birth to the United States we know today. Students will refine their analytical skills through extensive readings beyond the textbook and through independent research projects. They will gain the ability to evaluate and analyze primary sources for historic accuracy. Students should be motivated and independent learners.

US HISTORY II Grade: 11
Credits: 5 (Level 3)

This US History II course continues the in-depth examination of American and New Jersey History. Students will acquire the ability to evaluate the political, social and cultural events that have shaped our nation since the 19th century. The digital age has transformed social studies education, allowing 21st-century learners to transcend the limits of time and place and experience historic events virtually. Each unit of study consists of multiple topics in American History from the Progressive Era to Contemporary Global Events. Each unit will culminate in a Unit Assessment that will be given digitally on their textbook platform. The United States history curriculum provides learners with the knowledge, skills, and perspectives needed to become active, informed citizens and contributing members of local, state, national, and global communities in the digital age.

SOCIAL STUDIES ELECTIVE COURSES

AP HUMAN GEOGRAPHY Grades: 10, 11, 12
Credits: 7.5 (Level 1)

The Advanced Placement Human Geography (APHG) course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. This college-level course has students investigate human behavior, cultural diversity, and how people interact within the space of the Earth. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. This course also provides five units of study including agriculture, industrialization, urbanization, population, and culture. They also learn about the methods and tools geographers use in their science and practice. It is an excellent course for preparing students to become geo-literate youth and adults. **Students are required to take the AP Human Geography Exam in May.**

AP WORLD HISTORY Grades: 10, 11, 12

Credits: 7.5 (Level 1)

This college-level course is open to willing and academically prepared students. The AP World History course focuses on developing students' understanding of the world history from approximately 8000 BCE to the present. This college-level course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. **Students are required to take the AP World History Exam in May. College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

AP EUROPEAN HISTORY Grades: 10, 11, 12

Credits: 7.5 (Level 1)

This college-level course is open to willing and academically prepared students. European History Honors is an intensive survey course that provides students with an opportunity to acquire college-level knowledge of and appreciation for the major events and movements that have shaped Western/European Civilization from approximately 1450 CE to the present. The course explores these events and movements through intellectual, cultural, political, diplomatic, social and economic historic themes. Students will have extensive experience reading and examining a variety primary source documents, considering various secondary historical interpretations, and expressing their historical analysis in writing. This course also fosters students' academic skills in these areas. **Students are required to take the AP European History Exam in May. College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

AP PSYCHOLOGY Grades: 11, 12

Credits: 7.5 (Level 1)

This college-level course is open to willing and academically prepared students. The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. **Students are required to take the AP Psychology Exam in May. College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

PSYCHOLOGY HONORS Grades: 11, 12
Credits: 5 (Level 2)

Psychology Honors provides students with a detailed and demanding overview of the field of psychology and requires from its students a high degree of commitment and the use of effective independent learning skills. It is a college level course during which students will learn the psychological practices and theory in each of the major subfields of the discipline, including personality, consciousness, biological psychology, life-span development, sensation perception, emotion motivation, cognition, memory, mental disorders, and treatment methods and social psychology. Students will receive training in writing critically and analyzing research through individual research projects and essays. It is highly recommended that students who would like to enroll in this course have completed coursework in Anatomy and Physiology. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

PSYCHOLOGY FOR EVERYDAY LIVING Grades: 11, 12
Credits: 5 (Level 3)

Psychology for Everyday Living is a survey of basic concepts in the field of psychology. It is designed to focus on daily applications of human behavior. Through unit projects students will explore units on biological influences of human behavior, lifespan development, consciousness, learning, memory, and personality. Mental disorders, addictions, stress management, and healthy living will be themes throughout the course.

AFRICAN AMERICAN STUDIES I HONORS
Credits: 2.5 (Level 2)

This course presents early historical information about black Americans while encouraging students to view historical events and situations in new ways. Students will develop historical thinking skills and historical understanding. Students of all races and ethnicities will benefit from a greater tolerance of cultural differences, as well as an appreciation for the singularity of the black historical presence in the United States.

AFRICAN AMERICAN STUDIES II HONORS
Credits: 2.5 (Level 2)

This course is a continuation of African American Studies I Honors. It presents historical information about black Americans while encouraging students to view historical events and situations in new ways. Students will develop historical thinking skills and historical understanding. Students of all races and ethnicities will benefit from a greater tolerance of cultural differences, as well as an appreciation for the singularity of the black historical presence in the United States. **African American Studies I Honors is <u>not</u> a prerequisite for the course.**

MODERN US HISTORY HONORS Grades: 11, 12
Credits: 5 (Level 2)

Modern US History Honors is a survey of the development of the United States and its people from the Civil Rights Movement to the present. Topics include the quests for racial justice, gender equality, and civil rights;

The nation's expanding global influence and its relations with other great powers; the tumultuous sixties; the Vietnam War; the seventies era and current U.S. affairs. It will be topical rather than chronological. The course has three objectives: to describe and evaluate the transformation of the America's political, economic, and professional institutions in the latter part of the 20th century; to relate that transformation to the to the position of the U.S. in the world today; and to help students see that transformation through the eyes of everyday Americans as well as those with power and wealth.

AMERICAN LAW Grades: 11, 12

Credits: 5 (Level 3)

This elective focuses on the legal system of the United States. Students study the foundation of American law and analyze how it has changed over time. The Constitution is examined through case studies and court decisions. Various facets of criminal and civil law will also be investigated. Students explore an extensive array of laws, court procedures, enforcement agencies, and punishments. *American Law* provides practical information and problem solving opportunities. Most importantly, students gain an understanding of what it means to be a law abiding citizen. This course will require individual and group work. The ability to clearly express ideas, both in writing and verbally, will be required. Students will have to do extensive reading, research law related topics, and participate in mock trials.

SOCIOLOGY Grades: 10-12

Credits: 5 (Level 3)

This elective emphasizes how society and social forces affect virtually everything from international policies to everyday lives. It is designed to explore the socialization of a person from infancy to adulthood. Topics will include: social interaction and control, research methods and theories, components of culture, the process and agents of socialization, group dynamics and organizations, deviance and conformity, social stratification, race and ethnicity, sex and gender, aging, families, education, the economy, population, urbanization and social change, collective behavior and the future. Students are required to do advanced readings, complete homework assignments and projects, and use the internet for research. Participation in class discussions, creative and critical thinking skills, and group activities are integral parts of this course. Current videos are used as an element for learning and reinforcing the topics covered in class. **College Accelerated Program (CAP) credit is available through Rowan College at Burlington County (RCBC).**

ECONOMICS Grades: 10, 11, 12

Credits: 2.5 (Level 3)

The Economics course introduces students to the basic principles of economics. The course gives students a greater understanding of economics ranging from the viewpoint of the individual consumer and small business owner to the global economy. The course begins with key terms, the study of economic systems, and the role economics plays in people's lives. Students develop an economic way of thinking and understand different economic systems used throughout the world. They also study the nature of supply and demand and explore the idea of capital and its sources. The course will personalize the study of economics for students as they will apply their acquired knowledge of economics to their own lives and their future. **This class fulfills the financial literacy graduation requirement.**

JUNIOR RESERVE OFFICERS TRAINING CORPS

ARMY JROTC I (JUNIOR RESERVE OFFICERS TRAINING CORPS) Grades: 9, 10, 11, 12
MILITARY SCIENCE - LET - I (Leadership Education and Training – I)
Credits: 5 (Level 3) (Semester Block and Full Year Courses)

The mission of JROTC is to motivate young people to be better Citizens. Leadership capabilities are developed and practiced. The student or cadet, as he/she is named, gets practical experience in organization and leadership. A sense of responsibility and working as a member of a team are emphasized. Specific topics covered during the full-year course include drill and ceremonies, citizenship, leadership development, and success skills. The course contains a writing requirement. Cadets are required to wear a uniform one day each week and to conform to cadet grooming regulations. In addition, cadet volunteers are selected for the JROTC Color Guard, Rifle, Raider and Drill Teams; which perform at athletic events, parades, and competitions. Cadets successfully completing this course may be selected for a one week long summer adventure training at the Joint Base.

Note: Successful completion of JROTC -1 satisfies the New Jersey State requirements for 5 credits of Practical Art.

ARMY JROTC II (JUNIOR RESERVE OFFICER'S TRAINING CORPS) Grades: 9, 10, 11, 12
MILITARY SCIENCE - LET II (Leadership Education and Training - II)
Credits: 5 (Level 3) (Semester Block Course)
Prerequisite: LET – I and Senior Army Instructor Recommendation

Leadership Education and Training – II (LET-II) is the follow-up course to LET-I. This course includes many of the same topics, which were covered in LET-I, but are presented in LET-II at a more advanced level. New topics introduced are: first aid, communications, citizenship, geography, and drug abuse prevention. The course contains a writing requirement. Cadets are required to wear a uniform one day each week and to conform to cadet grooming regulations. In addition, cadet volunteers are selected for the JROTC Color Guard, Rifle, Raider and Drill Teams; which perform at athletic events, parades, and competitions. Cadets successfully completing this course may be selected for a one week long summer adventure training at the Joint Base.

This is a course where college credits can be earned. Please see instructor for forms and fee details.

ARMY JROTC III JUNIOR RESERVE OFFICERS TRAINING CORPS/ FINANCIAL LITERACY
Grades: 10, 11, 12

MILITARY SCIENCE - LET III (Leadership Education and Training - III)
Credits: 5 (Level 2) (½ block year long course)
Prerequisite: LET – II and Senior Army Instructor Recommendation

Leadership Education and Training – III (LET-III) is the follow-up course to LET-II. This course includes many of the same topics, which were covered in LET- II, but are presented in LET-III at a more advanced level. New topics introduced are: High School Financial Planning, career opportunities, conflict resolution, Job Shadow

Activities and staff skills. Cadets are required to wear a uniform one day each week and to conform to cadet grooming regulations. In addition, cadet volunteers are selected for the JROTC Color Guard and Drill Team, which perform at athletic events, parades, and competitions. Cadets successfully completing this course may be selected for a one week long summer adventure training at the Joint Base.

This is a course where college credits can be earned. Please see instructor for forms and fee details. NOTE: Successful completion of JROTC-3 satisfies the New Jersey State requirement for 5 credits of Financial Literacy.

ARMY JROTC IV (JUNIOR RESERVE OFFICER'S TRAINING CORPS) Grades: 10, 11, 12
MILITARY SCIENCE - LET - IV (Leadership Education and Training - IV)
Credits: 5 (Level 2) (½ block year long course)
Prerequisite: LET – III and Senior Army Instructor Recommendation

Leadership Education and Training – IV (LET-IV) is the follow-up to course LET-III. Primary emphasis for LET IV will be placed upon the practical application of the cadet's duties and responsibilities corresponding to their leadership position within the cadet battalion. The LET-IV year will be structured to allow cadets to work on their academic project, perform their assigned command or staff duties, and act as an assistant classroom instructor for selected subjects. Additionally, the LET-IV cadets will be required to assist the Army instructors in planning, organizing and executing cadet events throughout the year. New topics introduced are: Organization of the Department of Defense, Role of the U.S. Armed Forces, Leadership Theory, a Budgeting PE, staff procedures / meetings, and presentation skills. This course contains a writing requirement. Cadets are required to wear a uniform one day each week and to conform to cadet grooming regulations. In addition, cadet volunteers are selected for the JROTC Color Guard, Rifle, Raider and Drill Teams, which perform at athletic events, parades, and competitions.

This is a project-based course where college credit can be earned. Please see instructor for forms and fee details.

Optional: Upon successful completion of LET VI - 4 college credits from the University of Colorado. See instructor for forms and fee schedule.

STRUCTURED LEARNING EXPERIENCES

Structured Learning Experience (SLE) (N.J.A.C. 6A: 19-12, NJDOE) means experiential supervised educational activities designed to provide students 16 or older with exposure to the requirements and responsibilities of specific job titles or job groups, and to assist them in gaining employment skills and making career and educational decisions. A Structured Learning Experience may be either paid or unpaid, depending on the type of activities and placement in which the student is involved. All Structured Learning Experiences must adhere to applicable State and Federal child labor laws and other rules of the State Departments of Education and Labor. Structured Learning Experiences may include, but are not limited to the following: apprenticeships, community service, cooperative education, internships, job shadowing, school-based enterprises, volunteer activities, career and technical student organizations, and work experience career exploration programs. Several of the SLE programs, in which PTHS students may participate, are outlined below. For additional information, please contact one of the following SLE coordinators: Mr. Hillard, Ms. Hoffman, or Ms. Burdalski.

****FYI- Student Internship, Student Volunteer, Community Service, and Career Internship should not participate in Cooperative Education during the same semesters.****

COOPERATIVE EDUCATION Grades: 11, 12

Credits: 15 for program completion (Level 3)
540 hours of employment = 10 credits
Co-op Class = 5 credits

Cooperative Education at PTHS is a career and technical education program that will help students make wise career decisions while gaining valuable work experience. Those students who meet the eligibility requirements and are selected to participate work at an approved job site during or after school hours, earn a competitive wage and upon successful completion of the program requirements (employment hours and class work), receive 15 high school credits that satisfy the New Jersey Career Education and the 21st Century Life and Careers core curriculum graduation requirement. The co-op class is one semester in length and the co-op work experience is year long.

Students who are selected to participate in the co-op program will receive classroom training in non-hazardous and hazardous careers along with employer instruction. Sophomores and juniors will have applications mailed to their homes or students can pick up an application from Mr. Hillard in room 221 or the Guidance Office. Admission into the program will require completion of an application, interview and recommendations from the assistant principal (attendance and discipline) and guidance counselor. Students admitted into the program are expected to comply with the rules and regulations governing cooperative education, Pemberton Township Board of Education policies and New Jersey DOE and DOL regulations to remain in good standing. Students who participate in the paid Cooperative Education Program have a competitive edge when making the transition from school to work or from school to college to work. They receive career exploration opportunities through guest speakers from business, industry and post-secondary education. Students have the opportunity to participate in NJCEA and School to Career scholarship programs and be recognized quarterly by the Pemberton Township School to Career Advisory Board.

Cooperative Education (Co-op) Program

Pemberton Township High School

WHAT IS COOPERATIVE EDUCATION?

Cooperative Education is a paid structured learning program. The Cooperative Education (Co-op) Program combines the effort of the school with business and industry to provide occupational training and experiences that are not usually available in school. Students have a choice in obtaining employment in the business, retail, health, food service or industrial careers.

WHAT IS THE PURPOSE OF THE CO-OP PROGRAM?

The purpose is to prepare students for initial employment in a specific occupation, primarily one within the student's career scope. Students enrolled in the Co-op Program attend regular classes in the morning and work and train on the job in the afternoon/evening. The students are placed into the Co-op program based on future career and educational goals, and the skills and prior work experience they possess.

WHO IS ELIGIBLE TO BE A CO-OP STUDENT?

The program is designed for students to take during their senior year. In the spring of a student's junior year, interested candidates must complete an application, go through an interview process with the Cooperative Education coordinator, and then receive recommendations for the Co-op program from their Guidance Counselor and Assistant Principal before being accepted into the program.

For those students wanting to be considered after the spring acceptance time frame, applications will be available at the beginning of the senior year and students may enter the program with their Guidance Counselor, Program Coordinator, and Assistant Principal's approval until the semester deadline. This will be done on a case-by-case basis. Second semester seniors may apply for positions, if available.

HOW MANY CREDITS WILL THE CO-OP STUDENT RECEIVE, AND WHAT IS THE GRADING PROCESS?

The Co-op Program will award up to 15 credits to seniors who successfully complete the course AND worksite programs. Five credits are awarded based on their classroom performance, while the other ten credits are awarded based on the following:

- Completing a minimum of 540 hours before the end of the school year at their job
- Receiving a passing grade on the evaluations from the on-the-job supervisor/mentor
- Successfully passing the Co-op related class with a grade of 65 or higher
- Complying with the rules and regulations governing cooperative education, Pemberton Township Board of Education policies and New Jersey State Regulations

The grading system used is based on 50% from the course work and 50% from the job evaluation forms. Of particular importance, school attendance is a mandatory requirement for successful completion of the Co-op program. ***If the student is absent from school, they are not permitted to work that day.***

WHEN AND HOW ARE THE CO-OP PROGRAM STUDENTS OBSERVED?

The Co-op program coordinator will make visitations to the student's' place of employment as required to observe the student while on-the-job and to also speak to the supervisor/mentor for an update on the student's performance. In addition, telephone, e-mail, and facsimile employer contact may occur.

MAY CO-OP STUDENTS PARTICIPATE IN AFTER SCHOOL ACTIVITIES & SPORTS?

Yes, Co-op students may participate in extracurricular school activities with the notation that the student is responsible for making the arrangements with their employer prior to any missed time from work.

IS TRANSPORTATION PROVIDED FOR THE CO-OP STUDENTS?

No, Co-op students are responsible for providing their own transportation from school to work to home

For more information, or to participate in the Cooperative Education Program at Pemberton Township High School, please contact:

John V. Hillard, Jr.
Cooperative Industrial Education (CIE) Coordinator
(609) 893-8141
jhillard@pemb.org
Pemberton Township High School
148 Arneys Mount Road
Pemberton, NJ 08068

COOPERATIVE BUSINESS EDUCATION (CBE)
Credits: 5 (Level 3)

The Cooperative Business Education program prepares students for employment in clerical and business-related occupations. Through a combination of school and work, CBE students will become familiar with office procedures, computers, and other office equipment. CBE units of study include, but are not limited to obtaining a job, career planning, safety, payroll procedures, income taxes, gender equity, and personal relations. The curriculum will better prepare the student for his/her co-op position and future career choice.

Business careers may include the following:

1. Administrative Assistant
2. Accountant
3. Business Administrator
4. Technical Support (IT)

COOPERATIVE INDUSTRIAL EDUCATION (CIE)
Credits: 5 (Level 3)

Through an organized sequence of related instruction and skill development, students enrolled in Cooperative Industrial Education are trained in skilled trades, industrial, or career/technical occupations. CIE units of study include interviewing, career planning, safety, payroll procedures, income taxes, gender equity, and personal relations. Training may lead to apprenticeships or other post-secondary education opportunities. Industrial occupations include a wide array of manufacturing and industry service occupations. Students admitted into the CIE program should possess academic skills, abilities and aptitudes.

Industrial careers may include the following

1. Culinary Arts
2. Health Occupations
3. Building and Construction Trades
4. Automotive and other Skilled Trades.

CAREER INTERNSHIP Grade: 12

Credits: TBD up to 5 per semester pro-rated

The Career Internship program is primarily designed for completers of the PTHS Career Academies (Medical Arts, A-STEM, and FAME) and CTE programs of study as a capstone prior to graduation. Career Internships normally take place during second semester of senior year. The primary goal is to provide career mentoring and instruction in the workplace. Career internships are not jobs and may be short in duration. Career Internships usually occur at employer sites, but may be available in district. The Career Interns are evaluated by the mentor and receive graduation credit. The experience is usually unpaid. If the Career Internship is paid, the student would be completing the cooperative education program without the cooperation education class requirement. Please contact CIE Coordinator, Mr. John Hillard at extension 2011 with any questions.

STUDENT INTERNSHIP Grade: 12

Credits: 5 (Level 4)

A student who is accepted into the program by way of an application process will be assigned to a teacher who has a period available at the same time as the student. The student will be required to complete various jobs for the specific teacher during their assigned period. Students will be accountable for tracking their hours and reporting them to the SLE Coordinator. Students must complete an application before they can be assigned to a teacher. Credits earned will be determined by the SLE Coordinator. This is a non-paid Structured Learning Experience. A student may have only one period of a Student Internship and may not be enrolled in a SLE Cooperative Education program.

STUDENT VOLUNTEER Grade: 12

Credits: 5 (Level 4)

Student volunteers typically volunteer after school at approved community sites. Student volunteer sites may include, but are not limited to hospitals, schools, libraries, and churches. Students must submit an application, and the SLE Coordinator and community site supervisor will interview them. The student, parent, supervisor, and school SLE coordinator will sign an agreement prior to the start of the volunteer activity. Students will be responsible for their own transportation to and from the volunteer site. Credits will be determined by the SLE Coordinator.

COMMUNITY SERVICE Grade: 12

Credits: 5 (Level 4)

Students learn and develop skills through active participation in thoughtfully organized service that is conducted to meet the needs of the secondary school and the community. This structured learning experience helps foster civic responsibility to enhance the academic curriculum and education components of the program. Students reflect on the service experience during structured time with their mentor/teacher. The student completes a weekly log for the structured learning coordinator and is evaluated quarterly by the mentor/teacher. Please contact CIE Coordinator, Mr. John Hillard ext. 2011, with any questions.

APPRENTICESHIPS (YTTW) Grade: 12
Credits: TBD

Apprenticeships are designed to train youth in high-skill, high-wage, labor demand occupations that lead to registered apprenticeships and advanced study in professional degree programs. The Youth Transitions to Work (YTTW) program begins in the senior year and extends until the completion of the apprenticeship and/or post-secondary program. Apprenticeship students are required to work and train in their respective career area.
Students interested in the YTTW program should apply in February of their junior year. Seniors not involved in YTTW may apply for various apprenticeships after high school graduation as they become available during the 12th grade. Interested students should contact the PTHS CIE Coordinator.

SLE PREP Grades: 10, 11
Credits: 2.5 (SKS) (Level 4)

The Structured Learning Experience for students requiring specialized instruction introduces and prepares students to the world of work. In this course students will explore the 16 career clusters. The goal of this course will be to develop pre-employment work skills that will help the student make future career choices. Students will be taught the importance of personal interests, aptitudes, values and skills in choosing a future career. The importance of skills such as dependability, positive work attitude, safety, and relating to co-workers and supervisors will also be addressed.

SLE I Grades: 9, 10
Prerequisite: SLE Prep
Credits: 5 (Level 4)

The Structured Learning Experience course will be offered to students who have completed the SLE Prep course. This course will include, but not be limited to, career planning, safety, payroll procedures, income taxes, gender equity, personal finance, and communication. Students will develop general work habits and positive attitudes in order to obtain the know-how they need to make their way in the world upon graduation. They also will receive in-school instruction specifically related to the world of work, their individual training site and general life skills.

SLE II Grades: 11, 12
Prerequisite: SLE Prep
Credits: 7.5 credits (Level 4)

The Structured Learning Experience course will be offered to students who have completed the SLE Prep course. Students will be assisted by the transition coordinator and job coach in obtaining real life work experience in the surrounding community. Students will continue to improve work habits and positive communication to maintain employment.

SLE III Grade: 12

Prerequisite: SLE Prep, SLE I, SLE II
Credits: 15.0 credits (Level 4)

The Structured Learning Experience course will be offered to students who have completed the SLE Prep course, SLE I, SLE II. Students will be assisted by the transition coordinator and job coach in obtaining real life work experience in the surrounding community. Students will continue to improve work habits and positive communication to maintain employment.

ADDITIONAL SLE EXPERIENCES

Students at Pemberton Township High School may have the opportunity to participate in the following Structured Learning Experiences, which may vary in length and duration. Information will be shared with students via the public address system, printed announcements, or through homeroom, connections, or career academies:

- Job Shadowing
- Career Day
- School-based Industry or Projects
- Career and Technical Student Organizations

WORLD LANGUAGE

NOTE: Numerous four-year colleges, including New Jersey colleges, require two years of a foreign language for admission.

SPANISH I – NOVICE Grades: 9, 10, 11, 12

Credits: 5 (Level 3)

Spanish 1 Novice is an introduction to Spanish 1. Students are introduced to the culture of the countries where Spanish is spoken as well as the growing importance of the Spanish language in the United States. Speaking and listening, reading, and writing are emphasized in the course.

SPANISH I, GERMAN I AND FRENCH I Grades: 9, 10, 11, 12

Credits: 5 Each (Level 3)

World Language I courses are designed to introduce students to language and culture. Students are prepared to communicate authentically by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking and writing) information on a variety of topics. The courses introduce the relationships among the products, practices, and perspectives of the cultures.

SPANISH II, GERMAN II AND FRENCH II Grades: 9, 10, 11, 12

Credits: 5 (Level 3)
Prerequisite: “C” or higher in World Language I

World Language II courses build upon the skills developed in the World Language I classes, preparing students to communicate authentically by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking and writing) information on concrete topics. The courses introduces the relationships among the products, practices, and perspectives of the cultures.

SPANISH III, GERMAN III, FRENCH III Grades: 11, 12
Credits: 5 (Level 2)
Prerequisite: "C" or higher in World Language II

World Language III courses build upon the skills developed in the World Language II classes, preparing students to communicate authentically by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking and writing) information, concepts and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of the relationships among the products, practices, and perspectives of the cultures. **College Accelerated Program (CAP) credit is available.**

SPANISH IV, GERMAN IV, FRENCH IV Grade: 12
Credits: 5 (Level 2)
Prerequisite: "B" or higher in World Language III

World Language IV courses build upon the skills developed in the World Language III classes, preparing students to communicate authentically by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking and writing) information, concepts and ideas on a variety of topics, including connections to other subject areas. These courses promote student's understanding of the relationships among the products, practices, and perspectives of the cultures. **College Accelerated Program (CAP) credit is available.**

AP SPANISH LANGUAGE AND CULTURE Grade: 12
Credits: 7.5 (Level 1)
Prerequisite: Grade of "B" or higher in Spanish IV

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music , laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). **Students are required to take the AP Spanish Exam in May. College Accelerated Program (CAP) credit is available.**

OTHER ELECTIVE PROGRAMS

AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) Grades: 9, 10, 11, 12
Credits: 5 (Level 3)

AVID is a five credit elective course open to selected students in grades nine through twelve. Students must apply for entry into this elective course. The AVID student is one who has averaged high test scores, a 2.0 - 3.5 GPA, wants to attend college, and has a strong desire and determination to achieve. In addition, the AVID students may represent the first generation in their family to attend college.

AVID is designed to increase school wide learning and performance. The mission of AVID is to ensure that all students and most especially, the least served students in the middle who are capable of completing a college preparatory path:

- will succeed in a rigorous curriculum
- will enter mainstream activities of the school
- will increase their enrollment in four-year colleges
- will become educated and responsible participants and leaders in a democratic society.

LIFE SKILLS I Grades: 9, 10
Credits: 5 (Level 4)

The Life Skills class is designed for students requiring specialized instruction to focus on the development of consumer, family and life skills necessary to be a functioning member of society. This course will offer the blend of academic and functional skills instruction in school and community settings in order to ensure success during the school years and after they leave the educational system. Functional skills will not be just academic ones, they are also those needed for adult living, including independent living, social, communication, and vocational skills, which will be taught in part in integrated natural settings.

LIFE SKILLS II/FINANCIAL LITERACY Grades: 9, 10, 11
Credits: 5 (Level 4)

The Life Skills class is designed for students requiring specialized instruction to focus on the development of consumer, family and life skills necessary to be a functioning member of society. This course will offer the blend of academic and functional skills instruction in school and community settings in order to ensure success during the school years and after they leave the educational system. Functional skills will not be just academic ones, they are also those needed for adult living, including independent living, social, communication, and vocational skills, which will be taught in part in integrated natural settings. The Life Skills course also focuses on the development of consumer, family, and life skills necessary to be a productive member of society.

PARCC ENGLISH PREP Grades: 9, 10, 11
Credits: 2.5 (Level 4)

The purpose of this class is to help prepare students requiring specialized instruction for the PARCC Assessment in the area of language Arts. Practice tests will be administered.

PARCC MATH PREP Grades: 9, 10, 11, 12
Credits: 2.5 (Level 4)

This course is required for those students who did not meet the proficiency level on the Algebra 1 PARCC test needed to satisfy the state testing graduation requirement for mathematics. The course reviews the Algebra 1 concepts needed for students to be successful on the Algebra 1 PARCC test.

COLLEGE PREP SKILLS Grades: 11, 12
Credits: 2.5 (Level 4)

This course is designed for students requiring specialized instruction and who are planning enrollment in postsecondary education. It is designed to improve organization, time management, and study skills. The strategies will cover the following domains of studying: time and task-management, goal setting, paper organization, reading and communication skills, note-taking, test-taking, writing strategies, and project planning.

Enhancement Period:

Enhancement Period is an innovative curricular period where students will have the opportunity to take non-traditional courses, dig deeper into areas of study all based on student interest. Courses will be available to students in lieu of a Study Hall period. Students may have the opportunity to earn course credits and be graded on a (pass/fail) criteria.