

# **EGG HARBOR TOWNSHIP HIGH SCHOOL**



## **PROGRAM OF STUDIES VOL. XLI 2024/2025**

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## NOTICE OF PROGRAM OF STUDIES CHANGES

The Program of Studies is created eight (8) months prior to the September opening of school. This is done to facilitate student course registration in the winter and spring. The high school is a dynamic environment and, therefore, the information in the Program of Studies is subject to change. EHTHS reserves the right to make changes in course offerings, scheduling policies and course registration dates. The Student Handbook, issued the first week of school, will also include any updates in scheduling and/or grading procedures.

## INTRODUCTION

Egg Harbor Township High School (EHTHS) offers a wide range of educational opportunities for students through a comprehensive program of curricular and co-curricular studies. All students will be provided with an equal opportunity to achieve their maximum potential through the programs offered regardless of race, color, creed, religion, sex, national origin, social, or economic background.

This guide is a reference for parents and students in selecting courses. In addition to course descriptions, it contains information about graduation requirements, grading procedures and student services. Decisions on course selections should be well-researched because it will be difficult to make changes at a later date. After student registrations have been completed, the school reserves the right to drop courses for insufficient enrollment and personnel reasons. In such cases, students will be placed in an alternate subject. **Though great care is taken in the scheduling process, course requests, especially electives, are not guaranteed to appear on a student's schedule at the beginning of the school year.**

Counselors, teachers and parents will assist each student in selecting courses that correspond to individual needs, interests, and abilities. Student planning should be designed for the entire four years in high school. Parents and students are encouraged to contact the Guidance department whenever they have any questions or concerns. Individual student conferences will be conducted with counselors to finalize course selections.

## MISSION STATEMENT

### EGG HARBOR TOWNSHIP GUIDANCE SERVICES

The Egg Harbor Township School District provides a comprehensive K-12 developmental guidance program for all students through the collaborative efforts of counselors, faculty, students and parents. A proactive approach is utilized to assist students in their academic, career, social and personal development. Students will leave Egg Harbor Township Schools prepared to contribute to their community as responsible, productive citizens.

## NOTICE OF NON-DISCRIMINATION

The Egg Harbor Township School District is committed to providing equal opportunity in education and in employment regardless of race, sex, marital or parental status, religion, age, national origin or physical/mental handicap. The District's policy of equal educational opportunity, including vocational education, is in compliance with the guidelines and requirements of Title VI of the Civil Rights Act of 1964, Title I of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973. Individuals with concerns, interests or inquiries into possible complaints are encouraged to contact:

Dr. Terry Charlton, Director of Human Resources

Compliance Officer for:

**Affirmative Action, Americans with Disabilities Act (ADA) and Title IX**

Egg Harbor Township Schools

13 Swift Drive

Egg Harbor Township, NJ 08234

(609) 653-0100, extension 1002

Mrs. Angela Sharbaugh-Hunt and Ms. Mariah Jackson, H.S. Assistant Principals and **504 Compliance Officers**

Egg Harbor Township High School

24 High School Drive

Egg Harbor Township, NJ 08234

(609) 653-0100, extension 16493

The language and portrayals of career descriptions and course selection information contained in this program are free from biases and stereotypes. The Egg Harbor Township School District encourages all of its students to select coursework and career paths based on individual interests and abilities.

Persons with Limited English Language Skills as well as Visually Impaired persons are encouraged to contact the Guidance Office at (609) 653-0100 for a translation and/or help understanding the school's vocational education opportunities.

## ***FERPA NOTIFICATION***

EHTHS complies with all sections of the Family Educational Rights and Privacy Act (FERPA). A file is maintained on each student in the Guidance Office. Records containing information relevant to your education are available to your parents or to yourself if you are 18 years old. A member of the school staff responsible for the maintenance of the records will be present to provide interpretation of the records should you or your parents choose to review them. Therefore, an appointment must be made in advance to ensure adequate staffing. For security purposes, photo identification is required at the time of records examination. Additional information regarding our school's compliance with FERPA can be found on page 16 of this Program.

## ***NOTICE OF DIRECTORY INFORMATION***

In compliance with FERPA, please be advised that information related to any student attending Egg Harbor Township High School during the current academic year will be released to occupational, military and educational recruiters. In addition, news releases that appear in school publications or are disseminated to the general public through the media may contain directory information.

Directory Information can include: student name, address, telephone number, date of birth, major field of study, participation in sports/activities, weight and height of members of athletic teams, dates of attendance, degrees/awards received, the most recent previous educational institution attended and other similar information.

A parent or adult student who wishes to have his/her child's name omitted from the Egg Harbor Township High School information directory must inform the high school in writing by August 1 (of the school year in which you wish to have your child's name omitted). This request will be honored until June 30 (of that particular school year) and must be renewed in writing annually. Please direct requests to:

Mrs. Samantha Elko, Director of Guidance Services  
Egg Harbor Township High School  
24 High School Drive  
Egg Harbor Township, NJ 08234

# **REQUIREMENTS FOR GRADUATION (SUBJECT TO CHANGE BY NJ DEPT. OF ED.)**

## **CREDITS AND PROMOTION**

1. Credits required for graduation: 120 credits for all grades (course requirements vary; please see below).
2. Starting with the Class of 2023, graduating seniors will be required to take/pass the New Jersey Graduation Proficiency Assessment (NJGPA). This assessment will be administered, each year, to all 11<sup>th</sup> grade students in March. Students who take (but do not pass) the NJGPA in grade 11, will be able to demonstrate proficiency using one of the NJ Dept. of Education alternate assessments to fulfill the requirement. In order to be eligible to use the alternate assessments, students must sit for the NJGPA in March of grade 11. These, and all graduation requirements, are subject to change by the NJ Dept of Education.
3. Students are encouraged to carry 35 credits to enhance ability for success. A student will not be scheduled for less than 30 credits without permission of the Director of Guidance Services.
4. Students will continue on to the next grade level, along with their entry-level class, until the end of the 11th grade. Students must have earned 80 or more credits to be placed in the senior class.
5. Course credit will be withheld for excessive absence, cutting of class and/or tardiness as per the student attendance policy. Please refer to the Student Handbook for more specific policies.
6. Students who lose credit for the year due to excessive absences will not be promoted to the next grade level.
7. No credits will be awarded. All must be earned.
8. All required courses must be passed in proper sequence.
9. No student may participate in graduation unless all requirements have been met.

## **COURSE REQUIREMENTS FOR GRADUATION**

### **CLASSES OF 2025, 2026 & 2027 & 2028**

English I, II, III, IV .....	20 credits
Health/Physical Education .....	20 credits
Science.....	15 credits
Algebra I, Geometry, Algebra II .....	15 credits
U.S. History I & II .....	10 credits
World Cultures .....	5 credits
World Language .....	5 credits
Visual or Performing Arts.....	5 credits
Career and Technical Education* .....	5 credits
Financial Literacy** .....	2.5 credits
Electives .....	17.5 credits
<b>Total.....</b>	<b>120 credits</b>

\*The Career and Technical Education (CTE) requirement may be fulfilled by taking any of the courses listed under the following departments: Business & Computers, Consumer Science or Industrial Technology and select academy courses, excluding Financial Literacy, Finance, and Financial Applications.

\*\*The financial literacy requirement may be fulfilled through previous successful completion of CP Economics, AP Macroeconomics, AP Microeconomics, or CP Financial Literacy. Individual courses, however, cannot “double count” for two separate graduation requirements. For example, a student who took Financial Applications cannot count that for both the CTE & financial literacy requirement. That student would need to take an additional course to satisfy the requirement.

## **GRADING POLICIES**

### **MARKING SYSTEM**

1. Report cards will be posted in Infinite Campus quarterly and shall indicate a grade and comments for each course.
2. Interim Progress Reports will be posted in Infinite Campus at the halfway point of each marking period.
3. All Grades and final averages for the year shall be in numerical form. The letter equivalent for EHTHS numerical grades is as follows:

90 - 100	A	Outstanding Achievement
80 - 89	B	Above Average Achievement
70 - 79	C	Average Achievement
60 - 69	D	Minimal Achievement
Below 60	F	Unacceptable Achievement

4. No grade higher than 100 will be given at any time on the report card or for a final grade. Weighting for AP/Honors courses is added to a student's cumulative GPA after completing the course. At no time will AP/Honors weighting be added to a marking period grade or final grade.
5. AP/Honors weighting is designed to reflect the level of course difficulty in cumulative GPA/class rank. Weighting is not intended to compensate for average or below average performance in an accelerated class.

## CLASS RANK/GPA

1. Grade point average is computed as follows:
  - a. 
$$\text{GPA} = \frac{\text{Total Quality Points}}{\text{Total Credits Attempted}}$$
2. Quality points for each course are determined by multiplying the numerical value (including grade weight, if any) of the final grade by the total number of credits assigned to the course.
3. A cumulative grade point average is computed on all subjects for all students.
4. Final grades for AP courses receive a 20% weighting to cumulative GPA. Final grades for Honors courses receive a 10% weighting to cumulative GPA.
5. Medical Science Academy courses are designed with the rigor of an Advanced Placement/College Science curriculum and, therefore, are assigned a 20% weight to cumulative GPA. Academy weighting is contingent upon continuous enrollment in the Academy. These courses are listed on pages 50-51 and are denoted by an asterisk (\*).
6. The Academy of Law and Business (ALAB) courses are designed with the rigor of an Honors level curriculum and, therefore, are assigned a 10% weight to cumulative GPA. Academy weighting is contingent upon continuous enrollment in the Academy. These courses are listed on pages 25-26 and are denoted by an asterisk (\*).
7. No grade higher than 100 will be given at any time on the report card. AP and Honors course weighting will be calculated into cumulative GPA and class rank only.
8. Transfer students: If the student's transcript designates a course as AP or Honors, it will be accepted, given that EHTHS offers a corresponding course as AP or Honors.
9. Alpha transfer grades will be converted to EHTHS numerical mid-range grades (A=95, B=85, C=75, D=65). Transfer course failures will be recorded as a "55" unless sending districts can provide numerical grades.
10. Class rank would be determined by numerical grade point average and would be calculated at the end of junior year, after all final grades have become official. All recognition and procedures related to GPA and rank are subject to change based on Board Policy 5430
11. To further recognize student academic achievement, three levels of academic distinction will be determined at the end of junior year, after final grades have become official. The student's level of distinction will be noted on official academic transcripts. The three levels of distinction and GPA cutoffs are as follows:

Summa cum laude	103+
Magna cum laude	102.999 – 100.0
Cum laude	99.999 – 96.0

\*Numbers 4 – 10 above will still apply to the Class of 2023 and beyond

## ADVANCED PLACEMENT COURSE WEIGHTING

Advanced Placement course weighting is contingent upon students registering for and taking the AP Exam that corresponds with their course. A portion of the exam fee is subsidized by the school but the amount is not guaranteed in any given year. A 20% weight will be added to the student's final course grade, only for the calculation of the cumulative GPA. If a student takes more than one AP course, he/she must register for and take the corresponding exam for each course. Courses for which a student does not take an AP Exam will be calculated as unweighted averages for cumulative GPA purposes.

## SCHEDULING POLICIES

### SCHEDULE CHANGES/DROP-ADD PERIODS

It is important to note that because of the complexity of our educational program and the many variables associated with scheduling, it is necessary to establish deadlines beyond which student schedules may not be changed. Therefore, parents and students are urged to carefully consider all course selections during the registration period to arrive at a meaningful program. It may not be possible to change courses/levels after initial selections are made. **The school's administration reserves the right to revise individual student schedules in order to correct course overloads and conflicts.**

Students wishing to request adjustments to the course registration they completed with their counselor will have three opportunities to do so. DROP/ADD periods will occur April 22-25, May 6-9, August 19-22. Schedule change requests made during the final DROP/ADD period in August, will be considered on a space available basis only. **The Guidance Department will only accept schedule change requests during this period.**

## **SPECIAL INTERESTS/CIRCUMSTANCES**

Our student body always has a wide variety of special interests and talents. If there is a particular interest, activity, course or program of study that a student wishes to pursue, but may not meet pre-requisites or is not included in the Program of Studies, please discuss this with the guidance counselor. In certain circumstances, there may be additional options that can be explored in order to assist students as they prepare for future college and career opportunities.

## **CORRECTING COURSE OVERLOADS**

At times, student demand for courses will exceed the amount of sections the school is able to offer. These scheduling overloads will be corrected by placing senior students first, followed by juniors, sophomores and then freshmen. If the case exists that some of a given class can be placed but not all, students will be randomly selected from that grade level for placement (i.e. If all seniors and juniors that requested Ceramics have been placed and 30 seats still remain for 55 sophomores that requested the course, 30 sophomores will be randomly selected for placement and the remaining 25 will be assigned an alternate request). **This procedure also applies to entering freshmen requesting World Languages.**

## **STUDENT WITHDRAWAL FROM COURSES**

1. Students may drop down a course level until October 31. After October 31, students will remain in their selected course level. If a student drops down a level, within the designated time, the teacher receiving the student shall average in the previous class' unweighted grades.
2. Students may withdraw without failing until October 31.
3. A student wishing to go up a course level may do so until September 30 with the recommendation of his/her current teacher and the permission of the department supervisor. If approved, the student bears all responsibility for the work that he/she may have missed in the more advanced course level.
4. Students withdrawing from a semester class after the beginning of the semester will only be placed in study hall. Students are not permitted to take an elective in place of the class from which they are withdrawing.

## **INSTRUCTIONAL LEVELS**

Instruction at Egg Harbor Township High School will be offered at various levels of rigor. Placement into the proper instructional level is a collaborative effort combining teacher recommendations, student/parent input and counselor consultation. Consideration is given to student's test scores, pupil performance data and career aspirations. The instructional levels listed below will appear next to each course description in the Program of Studies so that the student is aware of the type of work that will be expected.

### **ADVANCED PLACEMENT (AP)/HONORS (HN) PROGRAM**

1. Courses designated as Advanced Placement (AP) and Honors (HN) are designed to provide greater in-depth investigation into a particular subject area. Expanded reading assignments, research activities, and independent projects will occupy a major portion of the course. Summer projects may also be required.
2. AP/Honors level courses are assigned additional grade weights as described in the grading section.
3. AP/Honors level placement is determined by teacher recommendations and student performance data.
4. Students who do not receive a teacher recommendation for placement into an AP or Honors course may appeal the content area Supervisor.

### **AP CAPSTONE DIPLOMA**

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™. Students who earn these awards can view and print their diploma or certificate online. The award is also acknowledged on any AP score report that is sent to colleges after the award has been conferred. Please see course descriptions for AP Seminar and AP Research in the English Department section of the course offerings.

### **ADVANCED (ADV) PROGRAM**

The Advanced Program is offered in Mathematics, English, Science and Social Studies for students with strong academic skills who desire to prepare for more competitive colleges. The curriculum is designed for highly motivated and independent learners. Students who do not receive a teacher recommendation for placement into the Advanced classes may appeal to the content area Supervisor.

### **COLLEGE PREPARATORY INSTRUCTION (CP)**

The college preparatory program is designed as the minimum level of instruction for students intending to apply to accredited four-year colleges. The curriculum prepares students for expectations in higher education including, but not limited to: essay exams, research papers and laboratory experiments. Entry into most four-year colleges requires a minimum of 16 units of college preparatory study including:

- four years of English
- three years of Mathematics
- two years of Social Studies
- two years of a laboratory Science
- two years of a World Language (Same language)
- three elective courses

Students applying to highly selective colleges should take as many advanced courses as they can handle. Four years of math and science and a minimum of three years of the same world language (i.e. French I, II & III) is highly recommended for students seeking admission to the Ivy League, military academies and other highly selective institutions.

### ***SPECIAL EDUCATION (SP)***

Special Education Services are available to those students who qualify. Based on an Individualized Educational Program (IEP), assistance may be given in one or more academic areas. The Youth Study Team bases eligibility on individual student evaluations. Parents interested in learning more about this program, or feel that their child may have a learning disability, should contact the Youth Study Team at 653-0100, extension 1670.

### ***PENDING BOARD APPROVAL (PBA)***

Courses and/or programs that have been proposed by the high school staff and administration but not yet approved by the Board of Education will be denoted as Pending Board Approval (PBA).

## ***SUMMER SCHOOL/CREDIT RECOVERY***

Following are provisions for summer school attendance:

1. Students who do not successfully complete a course should take the course during the summer. It is highly recommended that the student take the course in the summer following the school year in which they failed.
2. Students may recover credit at any accredited NJ high school offering a certified remedial program.
3. Credit for failed courses may also be recovered through an EHTHS approved online high school (i.e. New Jersey Virtual School or Educere) or through tutoring by a NJ certified teacher (both at the cost of the student).
4. Independent studies do not satisfy requirement to make up failed courses.
5. Students who have failed a required course will have that course added to next year's schedule.  
Example: A junior will be scheduled for English II & III If he/she has not passed English II in summer school.
6. All other graduation requirements may be taken the following academic year, space permitting.  
Students scheduling a class for the first time will have priority over students seeking to repeat a course.

## ***CREDIT COMPLETION***

Following are the provisions for Credit Completion Program attendance:

1. Students must attend a credit completion program during the year or in the summer immediately following **the academic year when credit was lost. Days will not be carried over to the following summers. Students who do not fulfill their credit completion obligation will repeat the academic year.**
2. Students must attend credit completion at EHTHS or at an approved program.
3. All school rules apply during credit completion sessions.
4. Seniors who are on "no credit" status will not be permitted to participate in commencement ceremonies.

## ***ADDITIONAL PROGRAMS OF STUDY***

### ***VOCATIONAL EDUCATION***

Egg Harbor Township High School offers many opportunities in vocational education. These course listings can be found in this program under the headings of Career and Technical Education.

### ***SENIOR OPTION***

EHTHS will be offering a senior option program for eligible students. The program is limited to one hundred (100) seniors on a first-come, first-serve basis. Students accepted into the Senior Option Program will be permitted to park on campus once evidence of a valid driver's license, vehicle registration and insurance are provided. There is \$100 non-refundable parking fee per student. Students may have the option of attending school either in the morning rotation from 7:25 am – 11:00 am (lunch optional) or in the afternoon rotation from 10:29 am – 2:00 pm. Additional details and application forms will be made available during the course registration process.

### ***STUDENT AMBASSADOR PROGRAM***

EHTHS will be offering a Student Ambassador program for eligible students. Approximately one hundred (100) juniors and seniors will be selected to participate. Students accepted into the Student Ambassador Program will be permitted to park on campus once evidence of a valid driver's license, vehicle registration and insurance are provided. There is \$100 non-refundable parking fee per student. Student Ambassadors agree to mentor five (5) or more freshman students throughout the school year. Mentoring will

take place during staff supervised study halls once per week. Therefore, Student Ambassadors must schedule a study hall. Additional details and application forms will be made available during the course registration process.

## **ACADEMIC ACADEMIES**

EHTHS plans to offer three cohort academic academies for the school year The Medical Science Academy (MSA), the Academy of Law and Business (ALAB) and the Communications Academy (COMM). EHTHS also offers several STREAM Tracks for students interested in Computer Programming, Networking/Telecommunications or Aviation/Engineering. These tracks offer a cluster of courses and require students to fill out an interest form. Curricula and admissions criteria can be found in the "Course Description" section of this program. **Academic academies reserve the right to alter course content and sequence at the suggestion of their steering committees.**

## **ELECTIVE OFFERINGS**

Egg Harbor Township High School offers a diversified program of elective courses. Electives allow students the opportunity for academic enrichment, complete the entrance requirements for specific schools and offer experience in areas of special talent and interest. Students are encouraged to select a wide variety of electives from all areas of the curriculum.

## **OPTION II: PATHWAYS TO GRADUATION**

**General Information:** Option II establishes alternate pathways for students to satisfy graduation requirements and meet the New Jersey Core Curriculum Standards in accordance with New Jersey Administrative Code {N.J.A.C. 6A:8-5.1 (a) / ii}. Option II alternative experiences are voluntary. Students may fulfill the requirements for graduation by pursuing credits earned through the traditional classroom environments, alternative learning experiences availed through Option II or through a combination of both programs. Option II permits students to engage in a variety of alternative learning experiences which are stimulating and intellectually challenging, enabling them to fulfill or exceed expectations set forth by the academic department's Core Curriculum Content Standards. Students may take part in Option II alternatives by participating in the following: student exchange programs, theme-based programs, accredited college coursework, concurrent enrollment at colleges and universities, on-line and distance learning opportunities

### **Egg Harbor Twp. H.S. participates in NJ Option II through the following pathways:**

- 1. Credit Recovery:** EHTHS Students receiving a *final* grade of 59 or below do not receive credit for that course. It is recommended that students take the course in the summer following the school year in which they failed.
  - Students may recover credit at any accredited NJ High School offering a certified remedial program or through an EHTHS approved online provider or through tutoring by a NJ certified instructor (separate application required for tutoring).
  - Students planning to take online courses over the summer must register at the beginning of July and grades are due to the Guidance Office by August 25<sup>th</sup>.
  - The name of the course and (P) pass or (F) fail will be recorded on the student's transcript and will not factor into a student's cumulative GPA. The original course and final grade will be retained on the student's transcript.
  - Any senior needing credit recovery to graduate must register by Sept 1<sup>st</sup> and complete their course work no later than May 1<sup>st</sup>
  - Students may also opt to take the failed course during the following school year. Students who fail multiple courses (and do not remediate over the summer) will be in danger of not completing NJ graduation requirements in 4 years.
- 2. Independent Study:** Students interested in pursuing coursework not offered in the EHTHS curriculum or those who have exhausted all EHTHS course in a particular area may apply for Independent Study.
  - A separate Independent Study application is required (in addition to the Option II application) and due by May 1st. Students can see their counselor for all applications.
  - The Independent Study must be coordinated with a certified staff member in the appropriate content area.
  - The Independent Study must take place during the regular school day and will be included as one of the student's regularly scheduled courses. Total credits, including the IS, must not exceed 40 credits.
  - Grades for Independent Study are Pass/Fail. Students will be awarded 5.0 credits for a full year independent study and will be documented on their transcript. Independent Study grades are not calculated in a student's cumulative GPA.
- 3. Accelerated Credit:** Students may apply for Option II courses for the purpose of advancing to the next level in a specific content area. The most common example is a student who takes an additional math course (to fill a pre-requisite) to advance to the next sequential math course.
  - Completed Option II applications must be submitted by May 1st.
  - Students taking an *online* course may be required to take the EHTHS final assessment in order to move on to the next level. Results of the assessment will provide critical information regarding the student's ability to succeed in the next level. The final assessment will be administered by the department supervisor during the third full week of August.

- A variety of factors including previous course levels/grades, new credit course grades, and teacher recommendations will determine the student's subsequent course level (CP, Adv, HN, or AP). Final determination will be made by the Department Supervisor.
- Students may NOT register for courses in which they do not already meet the pre-requisites. For example, a student plans to take Algebra II over the summer in order to fulfill the pre-requisite and enroll in Pre-Calculus for the next school year. That student must enroll in Algebra II until their course is completed. Only then will the student be permitted to enroll in Pre-Calculus, *space permitting*. Scheduling priority will be given to those students who registered for the course during the original course selection period.
- Most HN and AP courses require the completion of summer assignments prior to September. Students taking approved new credit courses during the summer are also responsible for completing all summer assignments for the course(s) they wish to enter in September.
- Upon receipt of final grades, the course will be recorded on the student's transcript as a Pass/Fail grade and it will NOT be calculated into the student's cumulative GPA. The course can be used to fulfill other course pre-requisites and the student will be awarded 5.0 credits. These credits will not count towards specific NJ State graduation requirements.

**4. Original Credit:** Students may opt to enroll in Option II courses to earn graduation credits in the area of Financial Literacy, Fine/Performing Arts, or Practical Arts.

- Complete an Option II application by May 1<sup>st</sup> (summer session), Aug. 1<sup>st</sup> (fall session) or Jan. 15<sup>th</sup> (spring session).
- Students can opt to take approved courses through the following options: (1) College courses at ACCC, (2) College courses at Stockton (3) Online courses through Educere, NJVS or Penn Foster Virtual High School or (4) 120 hours of private tutoring (separate application required for tutoring).
- Students taking original credit courses *online* may be required to take, and pass, the corresponding EHTHS final assessment in order to be awarded final credit. The purpose of the district assessment is to ensure that the student has met the Core Curriculum Content Standards as required by the State of New Jersey Department of Education.
- Upon receipt of final grades, the course will be recorded on the student's transcript as a Pass/Fail grade and it will NOT be calculated into the student's cumulative GPA.
- Once credit is awarded in an approved Option II course, students will not be permitted to enroll in the equivalent EHTHS course.
- Students taking original credit courses to fulfill graduation requirements must complete their coursework prior to the start of senior year.

**5. Dual Credit:** EHTHS offers the option of acquiring both high school and college credits through articulation agreements with Stockton University, Atlantic Cape Community College and Rowan University. Course offerings are subject to change without notice.

- Dual credit courses are offered at the high school and are taught by EHTHS faculty.
- Each dual credit program varies in its criteria, application procedures, requirements, fees, and grades.
- Please see the Dual Credit section of this program for specific course offerings. Course offerings subject to change.

### **Application & Deadlines:**

- All students wishing to obtain credit through Option II must complete the Option II Application and any other applications, if necessary (Independent Study, Tutoring, etc.).
- Accelerated Credit course applications are due by May 1<sup>st</sup>
- Original Credit course applications are due by May 1<sup>st</sup> for summer session, Aug. 1<sup>st</sup> for fall session and Jan. 15<sup>th</sup> for spring session.
- All Original Credit and Accelerated Credit courses must be approved by the content area supervisor and guidance director PRIOR to enrolling in the course. Credit will not be granted without necessary approvals.
- Students must also provide a course syllabus or course description along with the Option II application
- Enrollment in an approved ACCC course requires guidance counselor permission/letter, ACCC application plus application fee, and the student must make arrangements with ACCC to take the ACUPLACER placement test.

### **Providers**

- Students can opt to take approved courses through the following options: (1) College Courses at Atlantic Cape Community College or Richard Stockton College of NJ, (2) Online courses through Educere, New Jersey Virtual School or Penn Foster Virtual High School or (3) private tutoring with a NJ certified teacher (separate application required for tutoring).

### **Cost**

- The student and/or student's parent/guardian is responsible for all arrangements related to participation in Option II credit experiences including but not limited to, payment of tuition and fees, books and other required materials, transportation, safety, and knowledge of all relevant information pertaining to the experience.

## Proficiency Assessment

- All Option II courses must meet or exceed NJ Student Learning Standards.
- For original credit *online* courses, an EHTHS final assessment may be required prior to the awarding of final course credit.
- Administration of assessments will take place during the third full week of August or at the Supervisor's discretion.
- For sequenced courses, a variety of factors including previous course levels/grades, new credit course grades, and teacher recommendations will determine the student's subsequent course level (CP, HN, or AP). Final determination will be made by the Department Supervisor.

## NCAA Athletics

- NCAA Clearinghouse rules have changed with regards to software based credit recovery, virtual learning, online courses, independent study and correspondence courses. These types of courses, identified by NCAA as *non-traditional courses*, may not meet guidelines to be included in a student's core GPA calculation. Please check [www.eligibilitycenter.org](http://www.eligibilitycenter.org) for additional information.

## DUAL CREDIT PROGRAMS & REQUIREMENTS

EHTHS offers the ability for students to acquire college credits through articulation agreements with local and national institutions. Dual credit courses are offered at the high school and are taught by EHTHS faculty members. Students who enroll in dual credit courses may be eligible to receive high school credits, along with college credits, provided all articulation criteria are met. Articulation agreements are determined by the college/university and specific course offerings may vary from year to year. Dual credit courses through Stockton and Atlantic Cape are transferable to many other 2-yr & 4-yr institutions. Please check individual institution policies for full details.

### Atlantic Cape Community College Dual Credit Courses

EHTHS COURSE	ACCC COURSE	COLLEGE CREDITS
HN Intro to Business	BUSN 101	3
HN Psychology	PSYC 101	3
HN Child Development III	CDCC/PSYC 110	4
HN Economics (ALAB)	ECON 110	3
HN Entrepreneurship (ALAB)	BUSN 104	3
HN Financial Accounting I	ACCT 130	4
HN Managerial Accounting II	ACCT 131	4
HN Marketing	BUSN 202	3
HN Philosophy Film/Literature	PHIL 102	3
HN French III	FREN 111	3
HN French IV	FREN 112	3
HN Spanish III	SPAN 111	3
HN Spanish IV	SPAN 112	3
HN US History I	HIST103	3
HN Statistics	MATH 220	4
HN Chemistry	CHEM 110	4
HN Calculus	MATH 155	4
HN Draw/Paint II	ARTS 110	3

### *ACCC Program Requirements*

- Complete and submit an ACCC Early College Application
  - Log in to your ACCC Self-Service account and *register* for your dual credit class
  - Pay a fee of \$65.00 per ACCC credit to the college to receive college credit. \*The fee is subject to change as determined by the college.
  - Receive a grade of 70 or higher in the dual credit course.
- Note: A timeline with application deadlines will be distributed in the dual credit class and must be met in order to receive credit from the college.*

## **Stockton University Dual Credit Courses**

<b>EHTHS COURSE</b>	<b>Stockton COURSE</b>	<b>COLLEGE CREDITS</b>
HN Oceanography	MARS 2200 Intro to Oceanography	4
HN Pre-Calculus	MATH 1100 Pre-Calculus	4
AP Calculus	MATH 2215 Calculus I	5
HN Multimedia Production	GAH 1226 Tech of Film/Video Production	4
HN Holocaust	GSS 1232 Holocaust/Genocide/Human Rights	4
HN African American Studies	GAH 1360 African American History & Culture	4
HN Writing for the Media	COMM 2103 Writing for the Media	4
HN Engineering with CAD II	GEN 2180 Engineering Graphics and CAD	4
HN Hispanohablantes III	LANG 2142 Mapping Hispanic Cultures I	4
AP Government	POLS 2100 Introduction to American Politics	4
AP Environmental Science	ENVL1100 Intro to Environmental Science	4
HN Forensics (MSA)	CRIM Intro to Forensic Science	4
HN Latin American Studies	GEN 1302 Intro to Latin American/Caribbean	4

### *Stockton Program Requirements*

- Complete and submit a Stockton University Dual Credit Application.
- Pay a fee of \$100 per credit to the college. Fee waivers for students on free/reduced lunch
- Receive a grade of 70 or higher in the dual credit course.

## **SEAL OF BILITERACY**

Seniors taking an upper level world language class may sit for a proficiency assessment in that language to determine whether they are eligible to graduate with the Seal of Biliteracy. The Seal of Biliteracy certifies that the student has demonstrated proficiency in both English and another language. First, students must demonstrate their proficiency in English by meeting English language arts graduation requirements or by attaining the appropriate cut score on the ACCESS for ELLs (for English Language Learners). Second, students must attain at least Intermediate Mid proficiency on a proficiency assessment in a language other than English. This distinction will also be noted on the student's transcript. EHTHS students of spoken languages will take the AAPPL (Assessment of Performance toward Proficiency in Languages for proficiency). Latin students will take the ALIRA (ACTFL Latin Interpretive Reading Assessment). Heritage speakers of languages not taught at EHTHS may demonstrate their proficiency in that home language where there exists an NJDOE approved assessment. The list of languages can be found on the World Languages Seal of Biliteracy webpage

## ATHLETICS AND ACTIVITIES

Secondary Athletic & Activity Programs are an extension of the classroom. District and State academic eligibility standards are designed to support the goal of educational programs and graduation requirements; 120 credits / 30 credits per year. The below standards were developed with an emphasis on student-athletes remaining 'On Track to Graduate'.

- **Fall Athletics: August through November**
  - **9th Grade**
    - Automatically eligible to begin the Fall Season through academic promotion. - NJSIAA
  - **10th, 11th, & 12th Grade**
    - Student-Athletes must have passed thirty credits from the final report card of the immediately preceding school and summer school courses, as of Sept. 1st. - NJSIAA
  - **Maintaining Eligibility**
    - Student-athletes must pass 6 classes (30 credits) at the conclusion of the first marking period and report cards have been distributed. - EHTBP 2431
    - \* Seniors taking a partial schedule (less than 6 classes) and \* On Track to Graduate\* with a partial schedule (less than 6 classes) must pass all classes.
  - **Regaining Eligibility Status**
    - Student-Athletes who are ineligible as of September 1st, may regain Eligibility February 1st. - NJSIAA
    - Student-Athletes who become ineligible as of the first marking period report card, may regain eligibility February 1st. - EHTBP 2431
- **Winter Season: November through March**
  - **9,10,11,12th Grade**
    - Student-Athletes must have passed thirty credits from the preceding school year, including summer school, as of Sept. 1st of the current school year. - NJSIAA
    - Student-athletes must pass 6 classes (30 credits) at the conclusion of the first marking period and report cards have been distributed. - EHTSD BP 2431
  - **Maintaining Eligibility**
    - Student-athletes must pass 6 classes (30 credits) at the conclusion of the second marking period and report cards have been distributed. - EHTBP 2431
    - \* Seniors \* On Track to Graduate\* with a partial schedule (less than 6 classes) must pass all classes.
  - **Regaining Eligibility Status**
    - Student-Athletes who are ineligible as of September 1st, may regain Eligibility February 1st. - NJSIAA
    - Student-Athletes who become ineligible as of the first marking period report card, may regain eligibility February 1st. - EHTSD BP 2431
    - Student Athletes that regain academic eligibility on February 1st become eligible to try out for Spring Sport Programs.
- **Spring Season: March through June**
  - **9,10,11,12th Grade**
    - Student-Athletes must have passed thirty credits on their final report card from the first semester of the current school year. - NJSIAA
    - Student-athletes must pass 6 classes (30 credits) at the conclusion of the second marking period and report cards have been distributed. - EHTSD BP 243
  - **Maintaining Eligibility**
    - Student-athletes must pass 6 classes (30 credits) at the conclusion of the third marking period and report cards have been distributed. - EHTBP 2431
    - \* Seniors \* On Track to Graduate\* with a partial schedule (less than 6 classes) must pass all classes. - NJSIAA
- **References**
  - [NJSIAA Constitution & Legislation](#)
  - [EHTSD Board Policy 2431 M](#)

## NCAA STUDENT ATHLETE INFORMATION

A college freshman entering an NCAA institution must have a core curriculum of academic courses during his/her four years in high school. Core course requirements are different for Division I, Division II, and Division III. There are also minimum GPA and SAT score requirements. Students and parents interested in NCAA athletic eligibility should inform their child's counselor and coach, in writing, during their freshman year. Identifying NCAA interest after freshman year may be too late to properly advise the student and parent on the course selections and requirements for eligibility. For more information, parents and students should go to the NCAA Eligibility Center at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)

# ***COURSE REGISTRATION FAQ***

## **Q: Do I have to make an appointment for course registration?**

A: No. Grades 9, 10 & 11 will visit the Guidance office to complete course registration. Counselors will visit Alder and Fernwood middle schools to register 8<sup>th</sup> grade students.

## **Q: What happens if I am absent the day my class comes down to register for courses?**

A: Your counselor will call you down during one of the days we set aside to do make-up appointments.

## **Q: My best friend met with her counselor for course registration the week before I did. Am I going to get closed out of courses because other students registered before me?**

A: No. The Guidance Department does not start placing students in actual sections until all students have registered. There is no advantage to registering first.

## **Q: How many courses should I select? How many backup selections should I have?**

A: You should register for 35 credits (7 full-year courses); your study hall will be added automatically. It is important to have three backup selections (listed in order of priority), when you meet your counselor. If you do not provide backups and a course you selected is cancelled or overloaded, a selection will be made for you.

## **Q: One of my elective choices is a really popular class. What are my chances of getting it?**

A: The Guidance department will build as many sections of a course needed to satisfy student demand assuming that staffing is available. In the case that course sections need to be limited due to staff availability, seniors will have first priority followed by juniors, sophomores and freshmen.

## **Q: I am an incoming freshman. Do I need backups for my World Language selection?**

A: Yes. Incoming freshmen should assign a priority number to three languages (i.e. 1<sup>st</sup> choice-French, 2<sup>nd</sup> choice-Spanish, 3<sup>rd</sup> choice-Latin). Every effort will be made to accommodate your requests but please keep in mind that the school's master schedule will always have limitations due to staffing and the amount of class sections offered.

## **Q: Can I request a teacher?**

A: EHTHS does not accept teacher requests as the number of course requests we process (over 20,000) is extremely large and there would be no way to field requests in a fair and systematic way to all families.

## **Q: Do I need a recommendation for AP and Honors courses?**

A: Yes. You will need to be recommended by your current teacher in the content area in which you wish to take an AP or HN course next year. This is not meant to exclude any student from advanced courses; the intent is more to make sure that you do not become overwhelmed academically and require major changes to your schedule when you attempt to drop down a level. If you and your parents disagree with a recommendation, you have the right to make an appeal to the content area supervisor.

## **Q: Can I request two lab sciences during course registration?**

A: Yes. But realize that two lab sciences will take up 50% of your academic schedule and is likely to cause conflicts with your other course selections. If the two requested sciences do work in your schedule, one will have an additional lab period paired up with your PE class, the other will have an additional lab period paired up with a study hall.

## **Q: I am a student-athlete, is there anything I need to be concerned about during course registration?**

A: Yes. Student-athletes must be passing 30 credits at all times. Be realistic about your course selections as dropping down to 30 credits during the school year will leave you without a safety net if you experience difficulty in another class. Student-athletes considering NCAA Athletics must meet coursework criteria to be eligible. Student-athletes should review the Athletics and Activities section, as well as the NCAA Information section located on page 13.

**Q: What if I change my mind about a course after I meet with my counselor?**

A: The course registration process provides four opportunities for students to design their academic programs. The first is the initial course selection meeting with the counselor followed by three "DROP/ADD" weeks whereby students can alter their requests. Students will be able to confirm their course selections before the first DROP/ADD week to ensure that no clerical errors have taken place.

**Q: Can I request an elective course change after the last DROP/ADD week?**

A: Elective change requests after DROP/ADD in May will be considered on a space available basis only. The Guidance department will need sufficient time to plan class sections for 2,400 students who have made over 20,000 individual course requests. This cannot be done efficiently if selections change during the planning process. It is expected that students will think seriously about their selections and that four opportunities to visit their counselors with course requests will be sufficient.

**Q: But I'm in over my head with my English and Math class and now I can't change my schedule?**

A: You can. There will be times when you can adjust the level of a course even after the last DROP/ADD week has taken place. For example, if being in HN English turns out to be the wrong placement, your schedule can be altered to have Advanced English instead (though this may involve moving other classes in your schedule, so it is best to do an honest assessment of your abilities during initial course selection). This type of level change is allowed, until October 31<sup>st</sup> and after all academic interventions (tutoring etc.) have been exhausted.

**Q: Do I have to take a study hall?**

A: Study Hall is required for all freshmen students. The transition from middle school to high school is the most difficult process a student will encounter in his/her academic career. Study hall is the vehicle by which EHTHS makes the freshman transition a smooth one through orientation programs facilitated by our Senior Ambassadors and contact with the guidance counselors. Additional time, supervised by certified teaching staff, will be used by students to stay current with their coursework through self-study or visits to tutoring centers.

**Q: But I'm an upperclassman. May I request an eighth class instead of study hall?**

A: Yes. Upperclassmen will have the ability to request an eighth class during the registration process. Eighth course requests are not guaranteed but every effort will be made to accommodate students based on supply and demand.

**Q: What does being approved for the Senior-Option/Student Ambassador Programs mean in terms of my schedule?**

A: Good question. The master schedule allows you to take four courses in the morning rotation and four courses in the afternoon rotation. Senior Option students will take four courses in the morning rotation (English IV, P.E. IV and two electives) and then be dismissed from school. Senior Ambassadors attend school for a full day and will be scheduled for seven courses and a study hall which will be used to meet with freshmen students.

**Q: Can I request one of the Academy courses even though I did not apply to MSA, ALAB or COMM?**

A: Academy courses are scheduled as cohorts (groups of Academy students scheduled for the same sections). Once these cohorts are filled, the sections designed for them cannot take on additional non-Academy students. EHTHS also offers several *concentrations* that allow students to build a strong knowledge base in a wide variety of subject areas/topics.

**Q: I have a question that is not mentioned in this FAQ section. What should I do?**

A: Speak up! Stop by the Guidance office and talk to your counselor. We are here to help you!

## **Egg Harbor Township High School's Notification of Rights under FERPA**

The Family Educational Rights and Privacy Act (FERPA) affords parents and students over 18 years of age certain rights with respect to the student's education records. These rights are:

- (1) The right to inspect and review the student's education records within 45 days of the day the school receives a request for access. Parents or eligible students should submit to the High School Guidance office at 24 High School Drive, EHT, NJ 08234, a written request that identifies the record(s) they wish to inspect. The Guidance office will make arrangements for access and notify the parent or eligible student of the time and place where the records may be inspected.
- (2) The right to request the amendment of the student's education records that the parent or eligible student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. Parents or eligible students who wish to ask the school to amend a record should write the Supervisor of Guidance Services at the address listed above and clearly identify the part of the record they want changed, and specify why it should be changed. If the school decides not to amend the record as requested by the parent or eligible student, the school will notify the parent or eligible student of the decision and advise them of their right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the parent or eligible student when notified of the right to a hearing.
- (3) The right to privacy of personally identifiable information in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the school as an administrator, supervisor, instructor, or support staff member (including health or medical staff and law enforcement unit personnel); a person serving on the School Board; a person or company with whom the School has outsourced services or functions it would otherwise use its own employees to perform (such as an attorney, auditor, medical consultant, or therapist); a parent or student serving on an official committee, such as a disciplinary or grievance committee; or a parent, student, or other volunteer assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.
- (4) Upon request, Egg Harbor Township High School discloses education records without consent to officials of another school district in which a student seeks or intends to enroll, or is already enrolled if the disclosure is for purposes of the student's enrollment or transfer.
- (5) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the School to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC 20202-8520

# **COURSE OFFERINGS**

## **CAREER AND TECHNICAL EDUCATION**

### **BUSINESS AND COMPUTERS**

#### **BUSINESS ETHICS (CP)**

**Grades 10-11-12**

**2.5 Credits**

**Pre-requisite: None**

This semester course will provide a strong foundation in classic and contemporary theory of Business Ethics, using examples and analysis drawn from the workplace, ethical decision-making models, and a focus on self-reflection and moral reasoning. Students explore current American values and establish models as they apply to accounting, finance, marketing, human resource, and management dilemmas. Students will be using a balance of Business Ethics concepts including theory, role-plays, class discussion, and self-reflection activities that make studying ethics rewarding, interesting, and effective. Course topics are designed to focus on ethical issues with regards, but not limited, to: advertising, selling, finance, technology, human resources, personnel, and corporate responsibility.

#### **BUSINESS APPLICATIONS (CP)**

**Grades 10-11-12**

**2.5 Credits**

**Pre-requisite: None**

This semester course is designed to give the student an overview of the characteristics, organization, and the operations of a business. It covers the major phases of business activity that typically form the basis for the structure of the majority of business firms. Students will be able to build their business and leadership skills to develop an understanding of corporate business operations. Involvement in FBLA is encouraged. **This course satisfies the NJ State graduation requirement for Financial Literacy.**

#### **INTRODUCTION TO BUSINESS (HN)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Must have a B average in previous and current ELA and Math courses. If moving from CP to HN, A average is preferred.**

This course is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions. Introduction to Business is specifically designed for the college bound student. Students will explore the American free enterprise system, international/global business, banking and financial management, marketing, human resources, corporate social responsibility and various forms of business ownership. Students will complete a business plan which includes research, to prepare students for the rigors of college research and writing. Students will be able to build their business and leadership skills to develop an understanding of corporate business operations. Involvement in FBLA is encouraged. **This course satisfies the NJ State graduation requirement for Financial Literacy.**

#### **FINANCIAL ACCOUNTING I (HN)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: Must have a B average in previous and current Math courses. If moving from CP to HN, A average is preferred.**

This course is designed to teach students the basics in accounting principles corresponding with college courses in Accounting. The course examines the basic accounting cycle, primarily in the context of the sole proprietorship. This course is designed for the student who plans to major in Accounting, Business Administration, Business Management, Finance, Marketing, or Economics is interested in operating their own business. Computers are used to enhance learning and afford the students the knowledge to proceed with a second year in accounting. Involvement in FBLA is encouraged. This course is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions. Students will also be eligible to earn a certification with successful completion of this course.

#### **MANAGERIAL ACCOUNTING II (HN)**

**Grades 11-12**

**5 Credits**

**Pre-requisite: Financial Accounting I**

Continuing on principles introduced and practiced in Financial Accounting, this course explores in depth the various accounts associated with running a business such as inventory, receivables, liabilities, long-lived assets and analysis of company financial results. Students will also explore accounting for partnerships and limited liability companies and will be introduced to corporations, stock transactions and dividends. This course is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions.

## ***COMPUTER SCIENCE: Introduction to Programming (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: Algebra I recommended.**

This course is designed for the student who wishes to be introduced to text based programming languages. Students will first learn how to program in Python using a web based programming environment provided by Carnegie Mellon University. During the second half of the year students will transition to the Java programming language. This class proceeds the AP Computer Science A course which focuses solely on programming with Java. Upon completion of this course students will have a basic understanding of two programming languages (Python and Java).

## ***COMPUTER SCIENCE: Introduction to Programming (HN)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: Algebra I and teacher recommendation required.**

This course is designed for the student who wishes to be introduced to text based programming languages. The focus of the course will be programming in Java. Students will be introduced to the basics of Java including using variables, selection statements, and conditionals. They will be able to create stand-alone interactive programs. This class proceeds the AP Computer Science A course.

## ***COMPUTER SCIENCE: ADVANCED PROGRAMMING WITH JAVA (AP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: HN/CP Computer Science/Engineering and teacher recommendation or permission of the Department Supervisor. Preferred computer science sequence is HN Computer Science/Engineering, AP Java, AP Principles**

This is an advanced placement computer science course and is taught on a college level in preparation for the Advanced Placement Computer Science Exam. Emphasis will be placed on object oriented programming and basic data structures in the JAVA programming language. Students will develop programs that may be included in an electronic portfolio to demonstrate their programming skills. Upon completion of this course, students will have been exposed to all the concepts they would see in an introductory CS course at the University level. Note: additional out-of-class computer time will be required. **Students are required to take the AP exam.**

## ***COMPUTER SCIENCE PRINCIPLES (AP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: HN/CP Computer Science/Engineering Preferred computer science sequence is HN Computer Science/Engineering, AP Java, AP Principles**

This is an advanced placement computer science course for college bound students. Unlike a traditional programming class, this course is more analytical and focuses on the impact of computer science and technology in our everyday lives. The material covered in this course includes units on the internet, digital information, procedural based programming (Java Script), big data & privacy, and app development (Java Script with code.org's App Lab). Students will be challenged to understand the technologies of today's world, identifying how technology is making the world a better place but also identifying new concerns and challenges that technology is bringing forth. Researching, writing, and critical thinking are all key elements of the course. The class will use code.org's AP Computer Science Principles curriculum. At the university level, this course typically maps to an introductory technology course for the non-Computer Science majors.

## ***COMPUTER SCIENCE: WEB DESIGN AND DEVELOPMENT I & II (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

In the first semester, students will learn to design, create and maintain professional-looking Web pages using basic HTML and CSS. An initial introduction to lessons will provide students with a general understanding of computers, how the internet works, the web design process, how to acquire web hosting and publish to it, and other concepts that any web designer should be familiar with. Students will then be introduced to the basic concepts of graphic editing and how to prepare images for use on their web pages. Students will also learn how to create quality images from scratch using the concepts that are common in most graphic packages. In the second semester, students will continue learning to design, create and maintain professional-looking Web pages while further developing their skills using HTML5 and CSS3. Students will learn to construct websites that include multiple pages, images, and links. Students will also learn how to lay out content and page elements. During the course, students will create their own website using Adobe Dreamweaver software, on topics such as inspirational people, autobiography and more.

## ***COMPUTER SCIENCE: ADVANCED WEB DESIGN AND DEVELOPMENT (CP) (PENDING APPROVAL)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Any of the following: Web Design I/II, CP/HN/AP Comp Sci, Networking, Social Media for the Web**

This is an advanced web programming course to teach students to use advanced frameworks allowing them to create dynamic web applications using a combination of HTML, CSS, Javascript, PHP and MySQL to create custom business solutions that utilize databases for dynamic functionality. This course would give students useful real world skills and allow them to create real world solutions for businesses of any size. Through this course students would gain all of the skills necessary to create a web interface and backend for a working version of a social media platform and would have the ability to modify or scale their design to fit the custom needs of any business. Through their coursework students would create a clone of an online social media platform.

## **COMPUTER SCIENCE: SOCIAL MEDIA FOR THE WEB**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Students will learn how to customize a digital marketing plan for businesses based on three online solutions: Web Design, Digital Marketing, and Social Media. Using social media platforms students will create and interact with online posts to determine marketing analytics including views, trends, market, and audience. Utilizing traditional and trending marketing tools, students will create engaging marketing for platforms such as Facebook, Twitter, Instagram, and Tic Toc. Careers in social media marketing will be discussed and students will learn about the various career paths including influences, social media marketing, web design, and analytics.

## **INTRODUCTION TO EAGLE ENTERPRISES (Sp)**

**Grades 9-10**

**5 Credits**

**Pre-requisite: Teacher and YST recommendation**

This course is designed for students to become familiar with entry level job training and pre-vocational skills. In our **Eagle Boutique** or **Eagle Greenery Floriculture I**, programs, students will learn how to sort, recycle, inventory merchandise, and stock supplies. Students will learn how to perform assembly line tasks, the importance of teamwork, appropriate means of communication with others, and proper hygiene habits.

## **EAGLE ENTERPRISES II (Sp)**

**Grades 9-10-11-12**

**5 credits**

**Pre-requisite: Teacher and YST recommendation**

This school-to work transition class is designed to give job training experience in all 3 of our State and National Award winning programs. The Eagle's Nest School Store, Eagle Eatery, and the Eagle Greenery. Students will be engaged with "hands-on" real life business experiences as they develop generic job skills needed to obtain and maintain employment. **The Eagle's Nest School Store** will expose students to areas of retail sales, merchandising, inventory control, daily interaction with customers, and maintaining store appearance. **The Eagle Eatery** will cover customer service, food preparation, cash register operations, workplace safety, teamwork, and good hygiene in the workplace. **The Eagle Greenery Floriculture II**, class is designed to develop an understanding of the floriculture industry, establishment and operations of floral shops, and basic elements of floral design and skill.

## **EAGLE ENTERPRISES III (Sp)**

**Grade 11-12**

**5 credits**

**Pre-requisite: YST and Teacher recommendation**

The Advanced program is designed to give seniors a working/shadowing opportunity to understand behind the scenes management of offsite businesses in the retail and food industry. Each student, under the direction of the work-study coordinator, will have "shadowing position" in the community for part of the week. This course is designed with a financial literacy component and additional on-premises learning experiences. Students will also gain important leadership skills, marketing and business expertise, which can help to facilitate career options post-graduation.

## **EAGLE ENTERPRISES WORK STUDY (Sp)**

**Grade 12**

**5 credits**

**Pre-requisite: YST and Teacher recommendation**

This course is designed to provide a Community Based Instructional authentic opportunity for students to "Shadow" in predetermined establishments in the surrounding area. This program is available to seniors, once prerequisites are complete and teacher recommendations for the program have been approved. The students will apply life and job skill concepts developed in the Eagle Enterprise Programs in a variety of local establishments. In addition, this course will also include a school based component working in the school copy center. Students will attend career fairs, research the local job industry, complete a functional resume with cover letter and receive training in interview techniques and apply these skills to potential interviews.

## **ENTREPRENEURSHIP (CP)**

**Grade 10-11-12**

**5 credits**

**Pre-requisite: None**

This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership. Topics will include marketing strategies, staffing, and financial considerations. Digital marketing and trends in business ownership will be explored. Involvement in FBLA is encouraged.

## **FINANCIAL APPLICATIONS (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Students in this course will discover what it takes to survive in the real world. Purchasing a car, analyzing credit card offers, finding health insurance and making job decisions are just some of the current issues that will be presented to you. Based upon standards outlined by the Jump\$tart Coalition for Personal Financial Literacy and endorsed by the Federal Reserve Bank of New York, this course is designed to teach students the art of budgeting, banking, credit, investing and personal risk management. **This course satisfies the NJ State graduation requirement for Financial Literacy.**

**FINANCIAL LITERACY (CP)****2.5 Credits****Grades 10-11-12****Pre-requisite: None**

One of the most important skills students can learn as they prepare for college and/or career is successful money management. This course will explore the financial aspects of earning, spending, saving, investing, and protecting the money they acquire. As they learn to become critical consumers, students will gain the knowledge to distinguish between wants and needs and gain the confidence to be able to act responsibly to achieve their short term and long term goals. **This course satisfies the NJ State graduation requirement for Financial Literacy.**

**MARKETING (HN)****5 Credits****Grades 9-10-11-12****Pre-requisite: None. HN level requires C average in HN level ELA/Math courses or B average in CP/Adv level courses.**





This course is designed for students who wish to pursue a career in marketing, business, entrepreneurship or who simply wish to learn more about consumerism, product promotion, and advertising. In addition to providing fundamental knowledge of national and global marketing, this course will also equip students with entry level competencies in the areas of sports and entertainment marketing. Critical thinking, decision making, project based learning and technology will be used daily to solve problems faced in various business environments. Students will also be introduced to topics and skills in web design and social media as it relates to marketing. Involvement in FBLA is strongly encouraged. This course is eligible for dual credit with ACCC. College credits earned may be transferrable to other colleges and institutions.

# Academy of Law and Business

EHT High School Business and Social Studies Departments

## INCOMING FRESHMAN

Program Description: The Academy of Law and Business (ALAB) is designed to offer a unique and specialized program to open students' minds to a variety of global career opportunities in business, finance, and law. Students in the Academy will follow a structured sequence of Business and Law classes for all four years. During their senior year, students will have opportunities to engage in real world experiences through job shadowing/internships with local companies. Junior and senior year courses may be offered for college credit.

-  Recommendation from two core academic 8th grade teachers and two other subject area teachers
-  Passed core 8th grade academic subjects with a B or better
-  Statewide assessment as well as school-based assessment scores will be considered
-  Formal Application Process Including Essay



### 9th Grade

**\*(HN)  
INTRODUCTION  
TO BUSINESS**  
(Full Year)

**(HN)  
INTRODUCTION  
TO LAW**  
(Semester)

\*Dual Credit Course

### 10th Grade

**\*(HN) MARKETING**  
(Full Year)

**(HN) CRIMINAL  
LAW**  
(Semester)

**\*\* (HN) BUSINESS  
LAW**  
(Semester)

\*Dual Credit Course

\*\* Pending Dual Credit Review

### 11th Grade

**\*(HN) FINANCIAL  
ACCOUNTING**  
(Semester)

**\*(HN)  
MANAGERIAL  
ACCOUNTING**  
(Semester)

**\*(AP) MICRO  
ECONOMICS**  
(Full Year)

\*Dual Credit Course

### 12th Grade

**\*(HN)  
ENTREPRENEURSHIP**  
(Semester)

**(HN) FINANCE**  
(Semester)

**(HN)  
CONSTITUTIONAL  
LAW**  
(Semester)

**\*\* (HN) SENIOR  
EXPERIENCE**  
(Semester)

\*Dual Credit Course

\*\* Pending Dual Credit Review

## **ALAB Course DESCRIPTIONS\***

### **INTRO TO BUSINESS\* (HN)**

**5 credits**

**Grade 9**

**Pre-requisite:** Acceptance into the Academy of Law and Business

This semester course is designed to give the student an overview of the characteristics, organization, and the operations of a business. It covers the major phases of business activity that typically form the basis for the structure of the majority of business firms. This course is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions.

### **INTRO TO LAW\* (HN)**

**Grade 9**

**2.5 credits**

**Pre-requisite:** Acceptance into the Academy of Law and Business

This semester course emphasizes the structure of the government and the court system. It will also introduce students to the American legal system and basic legal concepts. Students will be expected to think critically and logically and to discuss a variety of complex legal issues.

### **MARKETING\* (HN)**

**Grade 10**

**5 credits**

**Pre-requisite:** HN Introduction to Business and HN Introduction to Law

This course is designed for students who wish to pursue a career in marketing, business, entrepreneurship or who simply wish to learn more about consumerism, product promotion, and advertising. In addition to providing fundamental knowledge of national and global marketing, this course will also equip students with competencies in the areas of sports and entertainment marketing, consumer trends, and advertising techniques. Critical thinking, decision making, project based learning and technology will be used daily to solve problems faced in various business environments. Students will also be introduced to topics and skills in web design and social media as it relates to marketing. Involvement in FBLA is strongly encouraged. This course is eligible for dual credit with ACCC. College credits earned may be transferrable to other colleges and institutions.

### **CRIMINAL AND CIVIL LAW\* (HN)**

**Grade 10**

**2.5 credits**

**Pre-requisite:** HN Introduction to Business and HN Introduction to Law

This course covers the basic principles of American Civil and Criminal Law, the structure of the U.S. Court System and due process guidelines. Students will also analyze and debate current legal controversies.

### **BUSINESS LAW\* (HN)**

**Grade 10**

**2.5 credits**

**Pre-requisite:** HN Introduction to Business and HN Introduction to Law

This course is designed to provide an introduction to the legal aspects of business. Topics include ethics, business crimes, negligence, product liability, contracts, property, forms of business ownership, insurance, governmental regulations, agency, employment, and career development. Emphasis is placed on legal analysis and higher-order thinking skills. Students learn to solve legal problems using the issue-rule-analysis-conclusion (IRAC) approach. Simple mock trials are employed to accentuate key concepts from the course.

### **FINANCIAL ACCOUNTING\* (HN)**

**Grade 11**

**5 credits**

**Pre-requisite:** Successful Completion of Grade 10 ALAB Courses

This course is designed to teach college prep students the basics in accounting principles corresponding with college courses in Accounting. The course examines the basic accounting cycle, primarily in the context of the sole proprietorship. This course is designed for the student who plans to major in Accounting, Business Administration, Business Management, Finance, Marketing, or Economics or is interested in operating their own business. or any other business-based curricula. Computers are used to enhance learning and afford the students the knowledge basics to proceed with a second year in accounting. Involvement in FBLA is encouraged. This course is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions. Students will also be eligible to earn a certification with successful completion of this course.

## **MICROECONOMICS (AP)**

**Grade 11**

**5 credits**

### **Pre-requisite: Successful Completion of Grade 10 ALAB Courses**

Advanced Placement Microeconomics is a college-level course that gives students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The following topics will be covered: Basic Economic Concepts, The Nature and Functions of Product Markets, Factor Markets, and Market Failure & the Role of Government. Coverage of these concepts will provide students with the foundation for a thorough understanding of microeconomic policies and issues. **This course satisfies the NJ State graduation requirement for Financial Literacy.**

## **FINANCE\* (HN)**

**Grades 12**

**2.5 Credits**

### **Pre-requisite: Successful Completion of Grade 11 ALAB Courses**

One of the most important skills students can learn as they prepare for college and/or career is successful money management. This course will explore the financial aspects of earning, spending, saving, investing, and protecting the money they acquire. As they learn to become critical consumers, students will gain the knowledge to distinguish between wants and needs and gain the confidence to be able to act responsibly to achieve their short term and long term goals. **This course satisfies the NJ State graduation requirement for Financial Literacy.**

## **ENTREPRENEURSHIP AND EMERGING ENTERPRISES\* (HN)**

**Grade 12**

**2.5 credits**

### **Pre-requisite: Successful Completion of Grade 11 ALAB Courses**

This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership. Topics will include marketing strategies, staffing, and financial considerations. Involvement in FBLA is encouraged. This course is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions.

## **CONSTITUTIONAL LAW\* (HN)**

**Grade 12**

**2.5 credits**

### **Pre-requisite: Successful Completion of Grade 11 ALAB Courses**

This class is a survey of constitutional law emphasizing civil rights and individual liberties. The method of teaching will include reading and discussing U.S. Supreme Court decisions. It examines a wide range of contemporary issues subject to Constitutional interpretation, introducing students to the Constitution, the fundamental concepts of Constitutional law, the role of the courts, and the legal limitations on governmental policy making. Students discuss and analyze topics including separation of powers, federalism, freedom of speech, affirmative action, the death penalty, gun control, civil rights, and individual rights. They are exposed to current Constitutional challenges and are given the opportunity to explore the relationship between law and society. Students develop skills that enable them to read and interpret Supreme Court decisions, which serve as the basis for class discussion. Debates and Moot Courts call on students to develop persuasive arguments in defense of their positions, thereby sharpening reasoning and analytical skills.

## **SENIOR EXPERIENCE**

**Grade 12**

**2.5 credits**

### **Pre-requisite: Successful Completion of Grade 11 ALAB Courses**

During this course student will engage in real world experiences through internships. Students will complete weekly journals and culminating presentation to faculty and students of the Business/Law Academy. Coursework will also include resume writing, interviewing skills, college financial aid analysis, and other life skills. Pending approval from ACCC, this course is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions.

***\*Business/Law Academy courses are assigned a 10% weight to cumulative GPA. The 10% Academy Weighting is contingent upon continuous enrollment in the academy. See page 5 for details.***

## **CONSUMER SCIENCE**

### **CHILD DEVELOPMENT I (CP)**

**Grade 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course will study principles and theories of a child's development from conception to age four. Students will study the impact on the role of family and care-givers in the overall growth and development of a child. This introductory course will focus on the operation of a preschool learning environment. Planning lessons and activities for the three and four year olds will be part of the hands-on experience. Students will be introduced to NJ curricula, including the district adopted Creative Curriculum, and the NJ preschool standards.

### **CHILD DEVELOPMENT II (CP)**

**Grade 10-11-12**

**5 Credits**

**Pre-requisite: Child Development I**

This course will study principles and theories of a child's development from birth-middle school years. Teaching pre-K children will be part of the hands-on experience. This class will focus on the classroom environment, creative storytelling and parent communication. The high school student will be independently teaching the young children. Students will be introduced to NJ curricula and the NJ preschool standards. The course will include an introduction to Family, Careers and Community Leaders of America (FCCLA) Career and Technical Student Organization.

### **CHILD DEVELOPMENT III (HN)**

**Grade 11-12**

**10 Credits**

**Pre-requisite: Child Dev. I & II and teacher recommendation, must have a study hall for job shadow**

This course is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions. The students will utilize learned theories and principles in a variety of classroom settings. Students will be provided the opportunity and experience to observe children; relate theories and principles to observed behaviors; design and implement age-appropriate activities for children; and develop skill in-group management. Students may participate in field trips and other events with the students of the preschool program. Students also job shadow at other district schools. Students will be part of Family, Careers, and Community Leaders (FCCLA), a career and technical student organization.

### **CONSUMER AND LIFE SKILLS EDUCATION (SP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course will focus on critical life skills necessary to be functioning members of society. Instruction will target 21<sup>st</sup> century themes such as critical thinking, problem solving skills; media literacy, and life & career skills. This course will also focus on functional school to work transition skills such as communication, money management, dealing with conflict, assertiveness, self-advocacy, self-monitoring, team building, interviewing skills, resume writing, leadership & responsibility, financial, economic, business and entrepreneurial literacy.

### **CULINARY ARTS I**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: None**

This introductory Culinary Arts class provides the student with an opportunity to gain knowledge and skill in food preparation during cooking labs. Students will learn basic cooking techniques using recipes. Emphasis on following proper procedures for safety in the kitchen is made a priority. Cooking labs alternate in combination with weekly class work about various food units and nutrition. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Students successful in this course will be eligible for recommendation for Culinary Arts II.

### **CULINARY ARTS II**

**Grades 11-12**

**5 Credits**

**Pre-requisite: Culinary I and teacher recommendation**

This is a course for the student seriously interested in food preparation and/or pursuing the culinary arts in college or for a career. Students will refine skills and techniques during cooking labs and experiment with advanced food preparation techniques including sauces, pastries, and soups. Students will prepare dishes from different regions of the United States and from around the world. Cooking labs alternate in combination with weekly class work about various food units and nutrition. Family, Career and Community Leaders of America (FCCLA) is encouraged as competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Students successful in this course will be eligible for recommendation for Culinary Arts III.

**\*\*Students are eligible to earn the National Restaurant Association's ServSafe Food Handler course and certification.**

### ***CULINARY ARTS III***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Culinary Arts II and teacher recommendation

This class is for students who are interested in a career in the Culinary Industry or Family and Consumer Science education. The course will offer students an in-depth cooking experience. Students will examine standards, hazard analysis and critical control points in the foodservice industry. Components of the course include in-depth research projects, producing a product, portfolio or display, and delivering a presentation at state competition. Active participation in Family, Career and Community Leaders of America (FCCLA) is encouraged as competitive events, community service and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

### ***FASHION AND DESIGN TECHNOLOGY I (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

The Fashion and Design Technology I course is designed to expose students to hands on, clothing design and construction where students will use modern equipment and technology software to create clothing design ideas. The students will be exposed to the fashion industry and concepts of material, lines, and design techniques in clothing and accessories. The students will start with sketch drawings, advance to software design, and further expand their designs into textiles and clothing construction techniques, which will enable students to create personalized garments. The students will also gain an understanding of various careers in fashion.

### ***FASHION AND DESIGN TECHNOLOGY II (CP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Fashion and Design Technology I

Fashion and Design Technology II continues to explore the world of fashion. Current fashion trends, fads, silhouettes, theories, fashion designers and fashion history are analyzed to determine the demands of the rapidly changing fashion cycle. The business of fashion is introduced and students are exposed to the concepts of merchandising and marketing where they will create and design their own fashion line and logo with the use of modern software. Apparel construction will incorporate more advanced sewing techniques. Fashion illustration and design will take on more dimensions when studying and applying the elements and principles of design. Throughout the year, students will incorporate these illustrations in a digital portfolio. Students will continue to explore career paths that are available in the field of fashion and will develop life-long skills and gain knowledge to prepare them for further study or application.

### ***INTERIOR DESIGN (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

Interior Design is a comprehensive introduction to interior design elements and principles of line, space, form, texture, color, scale, proportion, balance and rhythm. Topics include floor plans, 3D room designing, lighting, color, fabrics, furniture, painting, flooring, window treatments and budgeting costs. Students in this course will be exposed to career opportunities and skills during the design process.

### ***INDEPENDENT LIVING (SP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** Teacher, CST recommendation

This course will allow students to learn skills valuable to living on their own. While learning to be wise consumers, students will explore the economy, grocery and clothing shopping, transportation choices, housing options, credit, finances and financial institutions, saving and insurance. Careers and entrepreneurship will be discussed and various community resources and guest speakers will enhance the program.

## **CULINARY ACADEMY**

### **CULINARY ARTS I**

**Grades 9**

**5 Credits**

**Pre-requisite: Culinary Program Application**

This introductory Culinary Arts course provides students an opportunity to gain knowledge and skills necessary in food preparation. Emphasis is placed on safety and sanitation in a laboratory setting. Areas of instruction include knife skills, basic baking, fruits and vegetables, egg cookery, and grains. Theory work in conjunction with hands-on practice will provide students with important culinary foundations. The new, 4-year high school culinary academy program will also include hospitality work skills for future employment.

### **INTRODUCTION TO HOSPITALITY AND TOURISM & EVENT MANAGEMENT**

**Grades 10**

**5 Credits**

**Pre-requisite: Culinary I (Academy)**

This is a course for the student seriously interested in food preparation and/or pursuing the culinary arts in college or for a career. This course provides exposure to all aspects of the hospitality industry including but not limited to: historical, tourism, hotels, casinos, food and beverages, restaurants and meetings and conventions. This course will introduce students into the Food and Beverage Industry. Students will study key concepts, current trends, strategies, and practical skills necessary for managing, owning, and operating a successful restaurant, or other food and beverage business. The course includes an overview of the hospitality and tourism industry in the United States specifically and within a global context. \*This course offers dual college credit through Stockton University pending approvals.

### **CULINARY ARTS II**

**Grades 11**

**5 Credits**

**Pre-requisite: Hospitality and Tourism & Event Management**

This is a course for the student seriously interested in food preparation and/or pursuing the culinary arts in college or for a career. Students will refine skills and techniques during cooking labs and experiment with advanced food preparation techniques including sauces, pastries, and soups. Students will prepare dishes from different regions of the United States and from around the world. Cooking labs alternate in combination with weekly class work about various food units and nutrition. Family, Career and Community Leaders of America (FCCLA) is encouraged as competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. \*\*Students are eligible to earn the National Restaurant Association's ServSafe Food Handler course and certification.

### **CULINARY ARTS III**

**Grades 12**

**5 Credits**

**Pre-requisite: Culinary II (Academy)**

This class is for students who are interested in a career in the Culinary Industry or Family and Consumer Science education. The course will offer students an in-depth cooking experience. Students will examine standards, hazard analysis and critical control points in the foodservice industry. Components of the course include in-depth research projects, producing a product, portfolio or display, and/or delivering a presentation at state competition. Students will be given an opportunity in the fourth year of programming to gain on-the-job training through field experiences and catering events.

## **TEACHER PREPARATION ACADEMY: Overview**

Beginning sophomore year, students who are interested in teaching (all grades) as a career have the opportunity to enhance their skills and prepare by participating in Teacher Preparation Academy (TPA) through EHTHS. Students who opt-in to the TPA have the opportunity to earn college credits. By participating in the academy, students develop the necessary college and career skills through hands-on, experiential learning. The students work directly with preschoolers in a district preschool classroom and with other elementary students. The program includes opportunities for students to engage with college faculty, events and programs, and other teacher candidates. Students are encouraged to participate in the co-curricular club, New Jersey Future Educators Association (NJFEA) to gain even more practical and leadership experience.

### **TEACHER PREPARATION ACADEMY: PATHWAYS to LEARNING / TOMORROW's TEACHERS**

**Grades 10, 11, 12**

**5 credits**

**Pre-requisite: None**

This course is designed to introduce the students to the field of education. Discussions and hands-on learning experiences will help the student become better acquainted with themselves as individuals, learners, and appreciate the diversity of others. They will also become acquainted with the personal and professional roles of teachers. The students will also explore the teaching profession by understanding the history of education, teacher leadership, and the various developmental stages and styles of learners. This course may be dual (college) credit course through Stockton University.

## ***INDUSTRIAL TECHNOLOGY/STEAM***

### ***AUTOMOTIVE TECHNOLOGY I***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: None**

The student will study the automotive industry with emphasis on employment possibilities and utilize the Internet for additional automotive technologies. Hands-on experiences with a focus on STEAM enhances the learning situation for the student in the trouble-shooting practice sections. These sessions are designed to prepare the student for practical application of the information learned in class. Students will be instructed how to properly maintain and repair their personal vehicles. A logical approach, patience, and safety are strongly stressed. To remain in this course, students are required to pass a written safety test and OSHA (Occupational Safety and Health Administration) certifications in Automotive Safety and Automotive Pollution Prevention by the middle of the 1<sup>st</sup> marking period.

### ***AUTOMOTIVE TECHNOLOGY II***

**Grades 11-12**

**5 Credits**

**Pre-requisite: Automotive Technology I. Can be taken concurrently with Automotive Technology III, with teacher recommendation.**

The student will continue with their study of the automotive industry with emphasis on employment possibilities and utilize the Internet for additional automotive technologies. Hands-on experiences utilizing STREAM and more advanced automotive diagnostic technologies will be the focus of troubleshooting practice sections. These sessions are designed to prepare the student for practical applications of the information learned in class. Students will be instructed on shop safety and how to properly maintain personal vehicle as well as those of the faculty staff and community members. A safe and logical approach is strongly stressed. To remain in this course, students are required to pass a written safety test and OSHA (Occupational Safety and Health Administration) certifications in Automotive Safety and Automotive Pollution Prevention by the middle of the 1<sup>st</sup> marking period.

### ***AUTOMOTIVE TECHNOLOGY III***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Automotive Technology I. Can be taken concurrently with Automotive Technology II, with teacher recommendation.

The class is designed for a student with a strong desire to enter the Transportation Industry after graduation. The course may be taken simultaneously with Automotive Technology II to allow for additional lab time. Students will further develop hands-on practical skills focusing on automotive diagnostics and STREAM in preparation for post-graduation opportunities and educational pursuits. Students will be instructed on shop safety and how to properly maintain personal vehicle as well as those of the faculty staff and community members. A safe and logical approach is strongly stressed. To remain in this course, students are required to pass a written safety test and OSHA (Occupational Safety and Health Administration) certifications in Automotive Safety and Automotive Pollution Prevention by the middle of the 1<sup>st</sup> marking period. Throughout the duration of this year-long course, students will have opportunities to earn Automotive Service Excellence (ASE) Entry Level Certification in a wide-variety of automotive systems and diagnostic skills, as well as national, industry-standard OSHA 10 certification.

### ***INTRODUCTION TO COMPUTERS (PENDING APPROVAL)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

This course introduces students to the essential concepts, components, and procedures involved in utilizing modern computer systems for daily productivity while giving them a firm grasp of how computers actually work at the hardware level. Students will learn the basics of a modern PC system including identifying categories of computers, basic functions of a computer, and identifying the major categories and components that make up a modern computer. Students will also learn how to use productivity software such as word processing, presentation software, spreadsheets, and basic website creation software.

### ***CONSTRUCTION I***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

In this course students will work hands-on in the field of construction. The students will interact with content involving various areas of construction including HVAC, plumbing, welding, and cabinetry. Throughout the course students will be exposed to the various areas of construction from understanding the safety involved, to working with industry recognized machines, to understanding how to utilize different tools and equipment to create and work on structures and fittings.

### ***ELECTRICAL TECHNOLOGY I (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

Electrical Technology will take your interest in electrical wiring to a level that allows you to design digital circuits by converting word problems into digital equations that can be simplified with Boolean Algebra into a simple equation where both equations (original and simple) receive data inputs that correlate numerically to sequences that are built, tested, and reduced as minterm/maxterm results. The permanent skill level will advance the interested student into an array of challenges using basic electronics, motor controls and the manual skills needed to install and maintain electrical wiring in homes and commercial buildings. Students develop skills in bending conduit, wiring circuit breaker panels, laying wire, operating motor controls, installing equipment and testing final installations. Students also learn to design and install electric heating systems, motor controls, and interior lighting systems that successfully pass rough and final inspections. Other topics covered include circuitry for fluorescent lighting systems, NEC code requirements to design and complete wiring circuits found in the home. State of the art Automation Technology is used to train students to design smart homes. Students are also trained on the theory and ladder logic programming of Programmable Logic Controllers with the vital role that contribute to our nation's STREAM core.

### ***ELECTRICAL TECHNOLOGY II (CP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Electrical Technology I

A fundamental working knowledge of electrical technology is required to enroll in Electrical Technology II. Electrical Technology II will teach you how to install electrical service devices that passes inspection by a local municipality. Electronic testing will also focus on advanced circuit design which could be useful for future employment. Students are encouraged to research and specialize in one area of the industry that presents a competitive approach to a learned and demonstrated design skill. Students are encouraged to participate in STEAM events that have longevity in science and engineering. In particular, anyone desiring a careers in telecommunications, electrical design, or electronic product development will enjoy this course. The Electrical programs will train you for gainful employment and the basic requirements eventually needed to obtain NJ State Certifications.

### ***ENGINEERING DESIGN with CAD I (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Engineering Design and Modeling I introduces students to the world of 3D drawings. They will use OnShape, a tool used by professionals and hobbyists alike, to design, animate, and 3D print objects to be used in the real world. Students will also use LEGO Mindstorm to create complex assemblies designed to achieve various tasks. The class focuses on the engineering design loop. This course would be beneficial for those who wish to pursue engineering in post-secondary education and/or professionally.

### ***ENGINEERING-DESIGN with CAD II (HN)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Engineering Design CAD I, B average in math recommended**

Engineering Design II builds upon the knowledge and skills acquired in Level I. Students will learn more advanced CAD techniques, such as drawing screw threads and lofted parts. They will be given more freedom in terms of their designs, and have the chance to see their creations brought into the real world. Level II will also include Mechanical Design, a field which focuses on creating working parts that can be manufactured and achieve various tasks. This course is eligible for dual credit with Stockton University.

### ***ENGINEERING DESIGN WITH CAD III (HN)***

**Grades 11-12**

**5 Credits**

**Pre-requisite: Engineering Design CAD I & II, B average in math recommended**

Engineering Design and Modeling Level III continues to pose new challenges to the students who have committed to learning the design loop. The class will focus heavily on design challenges, where students are given a problem and tasked with finding the best solution. They will take the problem from start to finish, starting with brainstorming possible solutions to testing their final product. These products will be judged by professionals, who have faced similar challenges in their own careers. This class will prepare students for post-secondary and professional engineering. \*Students are eligible to take the Solid Works certification test with completion of this course and pre-requisites.

### ***PHOTOGRAPHY/DIGITAL DESIGN I***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course will be introducing the applications and equipment that relate to the operation and digital photography. Students will learn the basics of DSLR photography and the application of Adobe Photoshop in digital photography processes. Students will explore elements of composition and principles of design to develop a photographic eye. Using Adobe Photoshop students will make adjustments to their photographs and produce imagery. The use of Photoshop and project-based learning activities will be used to relate concepts used in the communication industry to the classroom. Students will be exposed to career concepts regarding photography as well as develop a lifelong love of the pursuit.

### ***PHOTOGRAPHY/DIGITAL DESIGN II***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Photography/Digital Design I**

This course will be introducing the applications and equipment that relate to the operation and digital photography. Students will learn the basics of DSLR photography and the application of Adobe Photoshop in digital photography processes. Students will explore elements of composition and principles of design to develop a photographic eye. Using Adobe Photoshop students will make adjustments to their photographs and produce imagery. The use of Photoshop and project-based learning activities will be used to relate concepts used in the communication industry to the classroom. Students will be exposed to career concepts regarding photography as well as develop a lifelong love of the pursuit. \*Students are eligible to complete the Adobe Certified Associate Photoshop certification test upon successful completion of Digital Design III and prerequisites.

### ***PHOTOGRAPHY/DIGITAL DESIGN III (Pending Approval)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Photography/Digital Design I/II, Exploring Art & Design, Engineering or Teacher Recommendation**

This course will be introducing the applications and equipment that relate to the operation and digital photography. Students will learn the basics of DSLR photography and the application of Adobe Photoshop in digital photography processes. Students will explore elements of composition and principles of design to develop a photographic eye. Using Adobe Photoshop students will make adjustments to their photographs and produce imagery. The use of Photoshop and project-based learning activities will be used to relate concepts used in the communication industry to the classroom. Students will be exposed to career concepts regarding photography as well as develop a lifelong love of the pursuit. \*Students are eligible to complete the Adobe Certified Associate Photoshop certification test upon successful completion of Digital Design III and prerequisites.

## **NETWORKING I WITH PC SYSTEMS (CP)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** PC System Servicing, understanding of Windows operation, understanding of applications such as word processors and Internet browsers

This course introduces the student to the underlying concepts of data communications, telecommunications and networking. It provides a conceptual view of networking fundamentals & local area networks and will bring together the acronyms, protocols, and components used in today's networks. It is the fundamental portion of the Advanced Certificate in Computer Networking, designed specifically to provide the student with a practical and comprehensive working knowledge of networking. A hands-on approach, students will construct and maintain a classroom network. Note: Networking I with PC Systems are designed to prepare students to take an industry-recognized certification test.

## **PC SYSTEMS SERVICING**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** Basic computer operation skills and understanding of Windows operations

The PC Systems Servicing and Training course provides an introduction to PC technology. This course describes what a PC is, how it works and the operating system that controls it. Starting with the basics, students will learn about components that make up a PC, take basic measurements using a digital multimeter, develop a mastery of industry standard operating systems and learn basic system troubleshooting with hands-on exercises. Students will build a computer utilizing various hardware and software. Students will study advanced techniques for evaluating, isolating and identifying several malfunctions down to the board, module or configuration level. Students, using an interactive, windows-based program, will apply the skills and knowledge gained to prepare them for the A+ certification test.

## **PRE-APPRENTICESHIP PROGRAM**

**Grades 12**

**20 credits**

**Pre-requisite:** Application and acceptance in the program

This course is specifically designed for the senior students who want to get a jump start on careers. Students enrolled in this program will have an opportunity to engage in careers including manufacturing, wastewater management, medical assistant, information technology, and more. The students will participate in in-class online modules related to the respective field as well as engage in hands-on training by experienced professionals in the field. As part of the program, students enrolled in this program may spend three blocks or more participating in related training for the field either on school campus or at the training site. Students who participate in the manufacturing and healthcare program will gain an industry-recognized credential that will allow them to progress into the full-apprenticeship program upon graduation. Students who continue with the manufacturing and healthcare experience after graduation are matched with employers to gain related-technical experience and the credentials that are required to work in the field.

## **ROBOTICS ENGINEERING TECHNOLOGY (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

Robotics Engineering Technology is a course designed to let students engage and explore the real world of robotics engineering. This course will focus on students working in groups to design, build, and code robots to meet various specifications. The focus of this course is VEX robotics where students will learn the C++ coding language, which is standard programming language used in industry for robotics engineering. This course will also support students in the development of critical thinking, time management, collaboration, and engineering design skills. Students will also explore the development of robotics technology from the past to the present and explore careers in the field of robotics.

## **ROBOTICS ENGINEERING TECHNOLOGY II (CP) (Pending Approval)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Robotics I

The Robotics II course is an advanced level course designed to provide students with a comprehensive understanding of robotics principles and techniques. Building upon the fundamentals covered in Robotics I, this course delves deeper into advanced topics such as robotic perception, motion planning, control algorithms, and human-robot interaction. Students will have the opportunity to gain hands-on experience by designing, building, and programming more complex robotic systems. Through a combination of theoretical lectures, practical exercises, and project work, students will develop the skills necessary to tackle real-world challenges in the field of robotics, making them well-equipped for careers in research, development, and application of robotic technologies.

## ***INTRODUCTION TO VIDEO GAME DESIGN (PENDING APPROVAL)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Any of the following: CP/HN/AP Comp Sci, or Networking I

This course would expose students to the processes and procedures involved in working in the Video Game Development Industry. Throughout the course, students will learn how to use basic programming concepts, along with math, logic, and physics to create a series of video games all while developing valuable critical thinking and problem-solving skills. Students will use Unity3D and the C# programming language to create an array of games throughout the year including board games, puzzle games, mini-games, and several 2d action/arcade games. They will also get experience creating graphics files and working in 3d space to create a game program from the ground up.

## ***WOOD TECHNOLOGY I***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

This is an introductory course in which students will learn basic woodworking techniques, wood identification, safe use of various hand and power tools as well as fabrication techniques. Students will use multiple forms of woodworking plans such as sheet plans, custom plans and custom plans they design themselves with orthographic projection. Emphasis will be on safety procedures, use of tools, materials, and completion of required project assignments. Students will learn and use CNC equipment in an introductory matter. To remain in this course, students are required to pass a written safety test at the beginning of the 1<sup>st</sup> marking period.

## ***WOOD TECHNOLOGY II***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Wood Technology I

Wood II is an advanced woodworking course for students who are interested in refining their woodworking skills. Each student will design and create his/her own projects using the Internet, Computer Aided Drafting (CAD) and the Engineering Design Process. Advanced machine techniques such as (CNC) Computer Numerical Control Router/Engraving, wood lamination, wood sculpture and finishing procedures will be covered in this course. Emphasis will be placed on quality of work and originality of ideas and recognition of safety procedures. To remain in this course, students are required to pass a written safety test at the beginning of the 1<sup>st</sup> marking period.

## ***WOOD TECHNOLOGY III***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Wood Technology II and teacher recommendation

Wood III is an advanced woodworking course for the student who is interested in further advancing their woodworking skills. Each student will have to construct an introductory project using an inlay technique then they will design and create their projects using the Internet, Computer Aided Drafting (CAD), and the Engineering Design Process. Advanced machine techniques such as (CNC) Computer Numerical Control Router/Engraving machines, wood lamination, wood sculpture and finishing procedures will be covered in this course, as well as wood bending techniques. The course will also offer more advanced CNC techniques. Emphasis will be placed on project management, quality of work and originality. To remain in this course, students are required to pass a written safety test at the beginning of the 1<sup>st</sup> marking period.

## ***AVIATION Academy Track***

### ***ELECTRICAL ENGINEERING (HN) Aviation Track***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Acceptance into Aviation Academy

This course takes previously learned talents of a mathematically-inclined student and applies numerical skill to creative engineering. The student in this program is considering engineering as a "career skill" by employing academic components that develop analytical platforms which promulgate the talents of global markets. With unique levels of thought, students learn to convert highly-technical word problems into math equations that satisfy the conditions of an "original equation" which when simplified, using laws of Boolean algebra and DeMorganization, impose theoretical implications onto the reality of a design. The student designer is required to perform a hardware analysis to determine cost advantages of simplifications and outline the best approach to fabricate. Projects focus on many aviation-related topics and all designs are required to be tested with valid input in the appropriate number system that sustains credible results.

## **INTRO to FLIGHT: Aircraft Owners & Pilot Association (CP, HN)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** CP level – None, HN level – acceptance into Aviation Academy

In this Introduction to Flight Course, students will begin with an exploration into how to become a pilot. They will learn the types of aircraft in use today before going on to learn how aircraft are made and how they fly. Students will understand how aircraft are categorized, be able to identify their parts, and learn about aircraft construction techniques and materials. They will gain an in-depth understanding of the forces of flight—lift, weight, thrust, and drag—including how to make key calculations. They will then touch on aircraft design, looking at stability, aircraft controls, and maneuvering flight. The course will conclude with a focus on career skills related to these topics. Students will be introduced to co-curricular aviation events and organizations where junior flight opportunities and entry level certifications are offered. Honors level is for students in the Aviation Program Track.

## **AVIATION: THE FLYING ENVIRONMENT Aircraft Owners & Pilot Association (CP, HN)**

**Grade 10-11-12**

**2.5 credits**

**Pre-requisite:** Intro to Flight course or Aviation Academy

This course is foundational for both crewed and uncrewed aviation. It will prepare students to take either Federal Aviation Administration tests: the Private Pilot Knowledge Test or the Part 107 Remote Pilot Knowledge Test. Topics include preflight procedures, airspace, radio communications, aviation terminology, regulations, airport operations, aviation safety, weather, cockpit management, and emergency procedures.

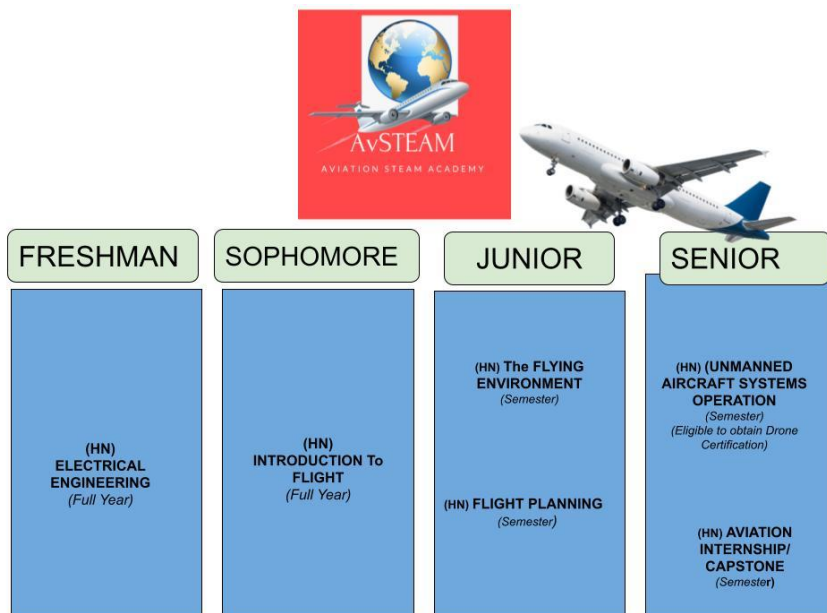
## **AVIATION: FLIGHT PLANNING Aircraft Owners & Pilot Association (CP, HN)**

**Grade 10-11-12**

**2.5 credits**

**Pre-requisite:** Intro to Flight course or Aviation Academy

The Flight Planning course will cover the remaining topics necessary for students to take the Federal Aviation Administration's Private Pilot Knowledge Test. Students will learn about pilot and aircraft qualifications, cross-country flight planning, weight and balance, performance and limitations, human factors, chart use, night operations, navigation systems, and aeronautical decision-making. Students will be provided the opportunity to participate in multiple practice examinations. At the end of this course, a school may choose to arrange for students to take the Federal Aviation Administration's Private Pilot written exam.



## **AIR FORCE JROTC**

Air Force JROTC consists of three components:

Aerospace Science (40%)

Leadership Education (40%)

Wellness/Physical Fitness (20%)

**Science of Flight:** A Gateway to New Horizons textbook chapters: One - How airplanes fly, Two – Working through flight conditions, Three - Flight and the human body, and Four – Flying from here to there. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students.

**Leadership Education:** Communication, Awareness, and Leadership, second edition (2016) chapters One - Learning and Communication, Two – Communicating Effectively, Three – Understanding your attitude, Four – Understanding your actions, Five – Developing vision and teams, Six – Solving conflicts and problems, Seven – A leadership model, Eight – Adapter leadership. Woven throughout is the underlying theme of developing personal integrity. Cadets gain an understanding of Air Force uniform wear, customs, and courtesies. Additional elements include military drill, and individual and group precision movements, procedures for saluting, ceremonies, and development of the command voice. Much of the work will be performance/activity/hands-on.

**Wellness/Physical Fitness:** incorporates the Cadet Health and Wellness Program. The program is focused upon individual baseline improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender. The goal is to motivate JROTC cadets to lead active, healthy lifestyles beyond school and into their adult lives. Cadets must dress out in the issued PT uniform during physical fitness training.

### **AIRFORCE JROTC Course 1**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None, Only Course 1 will be offered in the 23-24 School Year**

### **AS100 - A Journey to Aviation History**

The AFJROTC program is a leadership laboratory where students learn about citizenship through customs and courtesies, communication skills, study habits, time management, life skills, wellness and fitness, leadership and management, financial management, and careers.

An aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets.

### **LE 100 - Traditions, Wellness, and Foundations of Citizenship:**

This course provides an essential component of leadership education for today's high school students. It is designed to prepare students for success as cadets, students, and members of their communities during their high school years and beyond. The course provides standards-based curriculum with a clear alignment from the national standards and objectives, through the textbook, lesson plans, and assessments. Additionally, the AFJROTC program is accredited by the Southern Association of Colleges and Schools Council on Accreditation and School Improvement (SACS CASI) by the AdvancED Accreditation Commission.

### **AIRFORCE JROTC Course 2**

**Grades 10-11-12**

**Pre-requisite: AF JROTC Course 1**

**5 Credits**

#### **AS 200 - The Science of Flight: A Gateway to New Horizons:**

This is an introductory course and customized digital textbook that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students.

#### **LE 200 - Communication, Awareness, and Leadership:**

This course stresses communications skills and cadet corps activities. Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches complement the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects.

### **AIRFORCE JROTC Course 3**

**Grades 11-12**

**Pre-requisite: AF JROTC Course 2**

**5 Credits**

#### **LE 300 - Life Skills & Career Opportunities:**

This course provides an essential component of leadership education for today's high school students. The course is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century.

#### **AS 300 - Cultural Studies: An Introduction to Global Awareness:**

This is a customized course about the world's cultures. The course is specifically created for the US Army, Marine Corps, Navy, and Air Force Junior ROTC programs. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region.

### **AIRFORCE JROTC Course 4**

**Grades 12**

**Pre-requisite: AF JROTC Course 3**

**5 Credits**

#### **AS 400 - Management of the Cadet Corps:**

In this course the cadets manage the entire corps during their fourth year in the Air Force Junior ROTC program. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills. No textbook required.

#### **LE 400 - Principles of Management:**

This course provides exposure to the fundamentals of management. The text contains many leadership topics that will benefit students as well as provide them with some of the necessary skills needed to put into practice what they have learned during their time in AFJROTC. Throughout the text are many ethical dilemmas, case studies, and role play activities built into the lessons. These activities are based on real life experiences and will allow students the opportunity to practice what they learn by getting involved in discussions and expressing their opinions.

\***pending approval**, if successfully completed, the AFJROTC course will meet a student's Health/PE requirement for that academic year

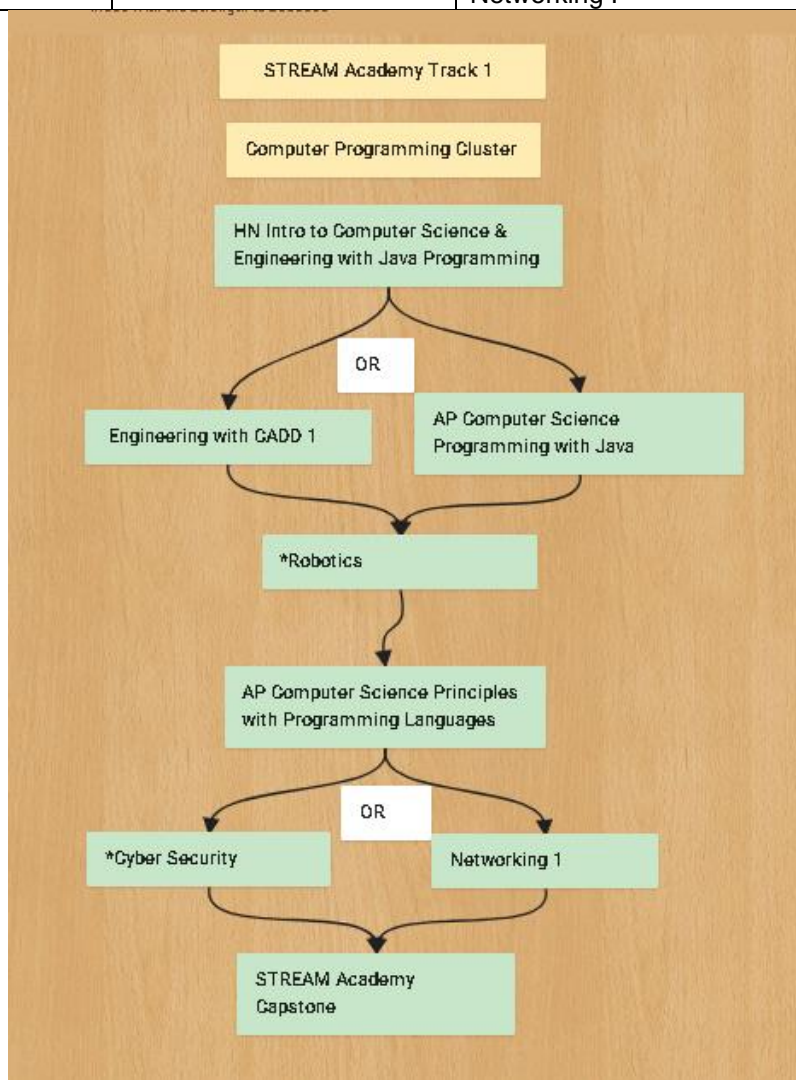
## **TECHNOLOGY STREAM TRACKS**

The STREAM tracks will give students an opportunity to explore three different concentrations of Science, Technology, Engineering, and Mathematics content, while incorporating Arts and Reading (STREAM) including, Networking and Telecommunications, and Computer Programming. The STREAM tracks will each culminate with a capstone activity. The capstone is not a required course for the students to take, but it is a recommended course that is designed to give students an extension of the content covered in the STREAM track while giving them an in-depth research opportunity in the STREAM track of interest. The Capstone course is an optional independent study course which will allow the student to work both independently of and collaboratively with a content area teacher.

### **Computer Programming – STREAM Track 1**

Recommended Course Sequence:

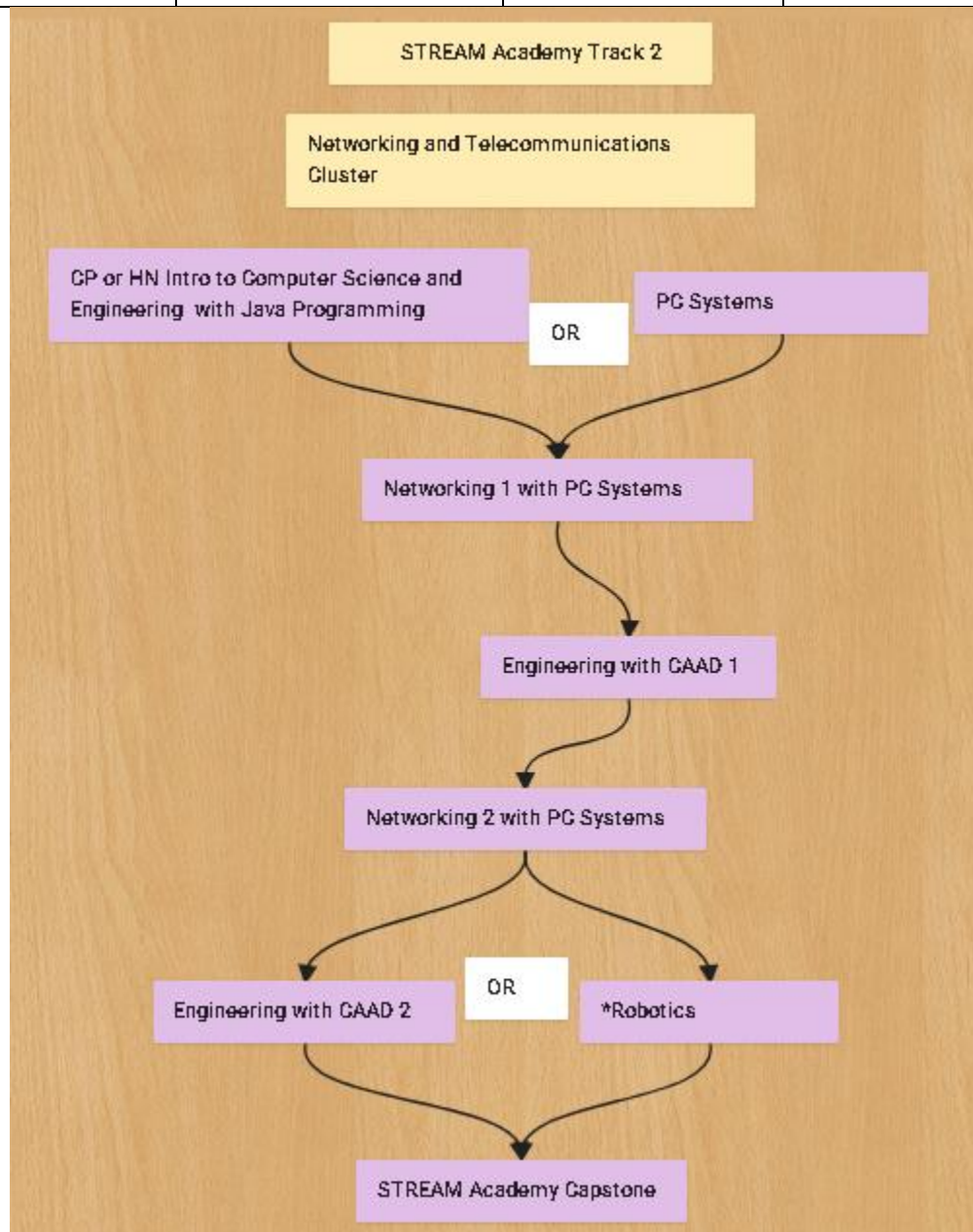
Grade 9	Grade 10	Grade 11	Grade 12
HN Intro to CS & Engineering with Programming	AP Computer Science Programming with Java <b>OR</b> Engineering with CADD 1	AP Computer Science Principles with Programming Languages	Computer Programming Capstone
	Robotics	Cybersecurity or Networking I	



## Networking and Telecommunications – STREAM Track 2

Recommended Course Sequence:

Grade 9	Grade 10	Grade 11	Grade 12
CP/ HN Intro to Computer Science & Engineering with Programming <u>OR</u> PC Systems	Networking 1 with PC Systems	Networking 2 with PC Systems	Networking and Telecommunications Capstone
	Engineering with CAAD 1	Engineering with CAAD 2 <u>OR</u> Robotics	



## ENGLISH

### **ENGLISH I (HN, ADV, CP)**

Grade 9

5 Credits

**Pre-requisites:** Summer Reading. HN level requires an A average and teacher recommendation. ADV level requires teacher recommendation.

All areas and skills of the language arts will be studied. Reading and writing for application and the processing of information with emphasis on content analysis and written expression and style will provide the student with a base for further challenging study. This course will explore world literature from early creation myths and stories through contemporary novels that depict different cultures. The course will focus on reading and writing strategies to extract pertinent information from literature and informational texts. Through various genres, students will focus on universal themes that promote ethics, choices and empathy. **Students in all levels of English I will be required to take the NJSLA ELA 09 assessment.**

### **ENGLISH I (SP)**

Grade 9

5 Credits

**Pre-requisites:** None

All areas and skills of the language arts will be studied. This course will emphasize the acquisition of skills needed in language, literature and communication. Reading for appreciation and information and the study of grammar, usage and mechanics for improved written expression will provide the student with the base for further challenging study. A vocabulary program, use of the library, speaking and listening skills and study habits will round out this curriculum. **Students will be required to take the NJSLA ELA 09 assessment.**

### **ENGLISH II (HN, ADV, CP)**

Grade 10

5 Credits

**Pre-requisites:** Summer Reading. HN level requires a teacher recommendation. Moving up a level requires an A average and teacher recommendation.

All areas and skills of the language arts will be studied. Greater emphasis will be applied to literary analysis and information process writing based upon a literary core. This course will focus on four thematic units: Race, Morality, Gender and Class. There will be a focus on the historical and social context to teach students to approach literature with a critical lens. The development of analytical writing will be a major focus as well as integrating primary resources and research. **Students in all levels of English II will be required to take the NJSLA ELA 10 assessment.**

### **ENGLISH II (SP)**

Grade 10

5 Credits

**Pre-requisite:** None

All areas and skills of the language arts will be studied. English II further develops the skills practiced in English I. Reading of more complex selections and differentiation of the types of literature in fiction and non-fiction will be stressed. Language study will continue on a higher level. A vocabulary program, use of the library, speaking and listening skills, and study habits will be further developed as well. Sample texts include, Hugh Pentecost's "A Kind of Murder," excerpts from Martin Luther King's speeches, and the novels *Tears of a Tiger* and *Breathing Underwater*. **Students enrolled in English II will be required to take the NJSLA ELA 10 assessment.**

### **ENGLISH III: LANGUAGE & COMPOSITION (AP)**

Grade 11

5 Credits

**Pre-requisites:** Summer Reading. A in Honors English in the previous year and teacher recommendation.

This course is geared to the conscientious student who wishes to be eligible for college credit in English. Students focus on nonfiction prose such as essays, sermons, and oratory of various chronological periods. Students will learn how to shape their language in a variety of rhetorical patterns so that diction serves its purpose and audience. Students will also learn how to explain how one's choice of language produces intended effects. Reading proficiency will include recognizing the conventions of different genres and periods of time as well as identifying assumptions authors have made about their audiences. **Students may be required to take the AP exam.**

### ***ENGLISH III (HN, ADV, CP)***

**Grade 11**

**5 Credits**

**Pre-requisites:** Summer Reading. HN level requires a teacher recommendation. Moving up a level requires an A average and teacher recommendation.

All areas and skills of the language arts will be studied. Language study will continue on a higher level. This course will take a thematic approach to American Literature and incorporate contemporary novels and writings. Thematic topics explored may include: The American Dream, Justice and Injustice, Conformity, Identity and Morality. Students will continue to focus on analytical and expository writing and speaking. Completion of an analytical research paper is a requirement for this course. **Students enrolled in all levels of English III will be required to take the NJGPA ELA 11 assessment.**

### ***ENGLISH III ( SP)***

**Grade 11**

**5 Credits**

**Pre-requisite:** None

All areas and skills of the language arts will be studied. English III further develops the skills practiced in English II including vocabulary study and composition procedures. This course places emphasis on a chronological survey of American Literature. Course content includes business letters, applications, forms and technical material. **Students enrolled in English III will be required to take the NJGPA ELA 11 assessment.**

### ***ENGLISH IV: LITERATURE AND COMPOSITION (AP)***

**Grade 12**

**5 Credits**

**Pre-requisite:** Summer Reading. A in Honors English in the previous year and teacher recommendation.

AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use figurative language, imaginary, symbolism and tone. Writing assessments include expository, analytical and argumentative essays that require students to analyze and interpret literary works. This is a writing intensive course. Writing proceeds through several stages of drafts with revision aided by teachers and peers. **Students may be required to take the AP exam.**

### ***ENGLISH IV (HN, ADV, CP)***

**Grade 12**

**5 Credits**

**Pre-requisite:** Summer Reading. HN level requires a teacher recommendation. If moving from CP to HN, must have an A average and teacher recommendation. ADV level requires teacher recommendation.

This course will focus on the necessary literary skills students will need in order to be successful in college. Reading of more complex selections and differentiation of the types of literature will be stressed. The focus of the course will be on Global Awareness and preparing students for life beyond high school. Students will be exposed to relevant and complex literature and informational texts to build reading, writing, speaking, and communication skills. Students will be offered choice in their research and reading lives. A majority of the work will focus on application of literacy skills to real world experiences and project based learning.

### ***ENGLISH IV ( SP)***

**Grade 12**

**5 Credits**

**Pre-requisite:** None

All areas and skills of the language arts will be studied. This course will emphasize writing skills and vocabulary skills to a greater depth. Poetry, short stories, and novels read in this course will focus on literature from around the world. Students will study works that include a variety of authors from both the Eastern and Western Hemispheres.

### ***ENGLISH LAB***

**Grade 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

English Lab is a supplemental course designed to improve basic reading and writing skills utilizing an instructional program known as READ 180. The program, designed by Scholastic Inc., provides interventions for students experiencing difficulty with Language Arts by employing a combination of multimedia applications, small group and individualized instruction. English I emphasizes the acquisition of skills needed in language, literature and communication. Skills in reading, process writing, grammar, usage and mechanics will be the focus of study. A vocabulary-building program will be followed with additional units in using the library, speaking, listening and studying. The results of individual scores on READ 180 assessments will determine students' focus in the course.

## **ORTON-GILLINGHAM READING**

**Grade 9-10-11-12**

**5 Credits**

**Pre-requisite: Teacher/CST recommendation**

This course teaches total word construction through an interactive, multi-sensory approach. Language is taught in a systematic, cumulative manner for both decoding and encoding words. The course also emphasizes strengthening sight vocabulary and reading fluency in order to improve comprehension, thus enabling our students to read more efficiently.

## **SUPPLEMENTAL STUDY**

**Grade 9-10-11-12**

**2.5 Credits**

**Pre-requisite: Teacher/CST recommendation**

This full year course will assist the classified student with their academic classes. Approval for this class is given on an individual basis by the recommendation of the Child Study Team. The student receives help in a variety of subjects. The course provides study skill development as well as the support required to become successful in general education classes. Students are graded on a pass/fail basis and must be prepared to complete assignments and improve work habits, organizational skills and time management skills.

## **WRITING & LITERACY LAB (B)**

**Grade 9-10-11**

**2.5 Credits**

**Pre-requisite: None**

This semester course is a targeted intervention to assist students in the skills tested on the NJSLA / NJGPA Assessments. Students will work in a setting that provides a low student/teacher ratio. The low student/teacher ratio is optimal for addressing specific areas of deficit in reading comprehension, as well as writing. Data on student skill deficits will be tracked throughout the semester. The online program, Study Island, will provide opportunities to identify, as well as address various issues relating to reading and writing skills. Overall, this course will increase students' propensity for success in future College and Career endeavors. **Placement into this course will be determined by results on previous NJSLA Assessments and/or other school-based assessments.**

## **ENGLISH ELECTIVES**

### **AFRICAN-AMERICAN STUDIES THROUGH FILM, LITERATURE AND ART (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course is designed for students who are interested in examining and exploring film, literature, and art on topics relevant to the African American cultural experience beginning with the onset of the African Diaspora and continuing through present day. Students will study the evolution of artistic expression from an African-American point of view, including the introduction of Africans to the Americas, enslavement, emancipation, and the social and political challenges and triumphs that followed and persist. Films and literature include: *12 Years a Slave*, *Malcolm X*, *Amistad*, *Do the Right Thing*, *The Butler*, *Rosewood*, *Black Panther*, *Get Out*, *The Color Purple*, *The Help*, *The Bluest Eye*, *Invisible Man*, and many more.

### **AN ANATOMY OF A MYSTERY (CP) (PENDING APPROVAL)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Mysteries and detective fiction have been popular since their inception, which is commonly attributed to Edgar Allan Poe. Readers are inherently drawn to the allure of the unknown, the suspense of the narrative, and the intellectual challenge of solving the puzzle. This course examines a number of mystery and detective narratives in an attempt to answer the following questions: What is the appeal of mysteries and detective fiction? How have they developed as a genre over the past 150+ years? Students learn the literary elements of mystery and detective fiction, examine the development of the detective as a literary figure, and discover the evolution of female characters from victims to detectives. Students, after analyzing a variety of mysteries, will also write their own mystery stories.

## **AP CAPSTONE DIPLOMA**

### **AP SEMINAR (Course 1 of series of 2 for completion of the AP CAPSTONE DIPLOMA) 5 Credits** **Grades 10-11**

#### **Prerequisite: Submission of application**

Students will develop their analytical skills by exploring appropriate themes and topics selected by the teachers and the students. Students will learn to synthesize information from multiple sources, develop their own perspectives in research-based essays, and design oral and visual representations. Students will be expected to complete an individual paper, presentation and end of course exam as well as a team research project. These benchmark assignments will be submitted to the College Board and contribute to the final AP score. Students are required to take the AP Exam.

### **AP RESEARCH**

#### **Grades 11-12 (Course 2 of 2 for completion of the AP CAPSTONE DIPLOMA) 5 Credits**

#### **Prerequisite: AP Seminar**

In AP Research, students explore various research methods and complete an independent research project. The project can build on a topic, problem, or issue covered in AP Seminar or on a brand new topic of students' choosing. At the end of the project, students submit an academic paper and present and defend their research findings. These components contribute to the overall AP Research score. There is no end-of-course exam. Students who score 3 or higher in AP Seminar and AP Research and score 3 or higher on 4 additional exams (throughout high school) will be eligible for the AP CAPSTONE diploma.

### **CREATIVE WRITING (CP)**

#### **Grades 9-10-11-12 5 Credits**

#### **Pre-requisite: None**

Creative Writing is designed to offer the student valuable experience in developing original works of literature, self-expression and creativity. By using student writings and professional models from poets such as Yusef Komunyakaa and Sylvia Plath and fiction writers such as Sandra Cisneros and Chinua Achebe, students will develop original works of creative writing, including short story writing, writing a novel, and experimenting with many forms of poetry. The student will also learn the steps in the writing process.

### **CREATIVE WRITING II (CP)**

#### **Grades 10-11-12 5 Credits**

#### **Pre-requisite: Creative Writing I**

This course is designed to take the student writer into a closer examination of the writing process through the development and radical revision of original works of poetry, fiction and playwriting. Students will read and write essays on craft and examine the different mediums to express original writing, including publication of their own work. Students will also run a call for submissions of original writings and artwork by their peers, edit, design and produce a virtual journal for the student body.

### **ETHICS THROUGH FILM AND LITERATURE (HN PENDING DUAL CREDIT)**

#### **Grades 10-11-12 5 Credits**

#### **Pre-requisite: None**

This is an introduction to the study of the meaning of human conduct with emphasis on the critical analysis of the principal ethical theories. Basic problems and applications of philosophical ethics and how they relate to the problems of the individual and community are examined through the study of multicultural and multidiscipline works of classical and modern thinkers/philosophers. Meets General Education requirement for Humanities. (2003)

### **GREAT FILMS/GREAT BOOKS (CP)**

#### **Grades 9-10-11-12 5 Credits**

#### **Pre-requisite: None**

This course should appeal to any and all students who love to watch movies. Students will learn to analyze filmic elements that compose a great film, and make comparisons with literary elements that occur in good story. In developing an ability to read the language of movies, students will improve their understanding of the ways texts create meaning. Through analysis of the technical, visual, and auditory components of film, students will become more adept at analyzing theme and film as well as literature and other media. Students will analyze filmic technique such as camera angles, framing, lighting, music, narration perspective, chronology, climax, foreshadowing, action, costumes, props, casting, and settings-basically everything that goes into movie making. Movies include: The Shawshank Redemption, Donnie Darko, Edward Scissorhands, The Godfather, The Dark Night, Million Dollar Baby, Rebel Without A Cause, The Shining, Wonder Woman and many more.

***MEDIA I (CP)*****Grades 9-10-11-12****5 Credits****Pre-requisite: None**

This college prep course is a foundational course that will deal with all aspects of video production and film appreciation. Students will gain hands on experience with video cameras and Apple based editing systems. Students will be responsible for supplementing video projects for Eagle News, our morning news show.

***MEDIA II (CP)*****Grades 10-11-12****5 Credits****Pre-requisite: An A average in Media I and Media Teacher recommendation**

Media II is an audio/video technical class that focuses on the production of Eagle News. Students are expected to perform all tasks needed for the production of a news-based television show that will broadcast each day to the student body. Students will write, shoot and edit "stand alone" news features included in our daily broadcast.

***PHILOSOPHY THROUGH FILM AND LITERATURE (HN)*****Grades 10-11-12****5 Credits****Pre-requisite: HN level requires English Teacher recommendation**

In this course, students will delve into their own truly sought-after questions in life, examine philosophical texts, as well as engage in interesting discussions and debates while determining the values that color their experience of the world. The issues students will examine through the lens of famous philosophers including Plato, Aristotle, Mill, Kant, Lao Tzu, Confucius, Nietzsche and Camus will be demonstrated through film and literature. Focal points of examination will include reality, death, the meaning of life, how one ought to live, and what stepping out of "the cave" of ignorance translates to in terms of social and political philosophy. The aim of this course is for students to develop a more fulfilling and inspired way of living life through the philosophies they construct. **This course is eligible for dual credit through ACCC.** College credits earned may be transferable to other colleges and institutions.

***SPORTS AND INFORMATION MEDIA (CP)*****Grades 10-11-12****5 Credits****Pre-requisite: None**

This course trains students to produce sports broadcasts and sports studio shows. Students work behind and in front of the camera, in production and on-air rolls. They do background research and conduct interviews to identify story lines. They prepare depth charts and memorize key information and statistics for on-air rolls. They write scripts and create run downs and graphics. They promote the broadcast on various social media platforms. They research, report, shoot and edit video profiles and enterprise stories. They also study the history of sports broadcasting and sports media partnerships and analyze industry trends.

***WORLD MYTHOLOGY (CP)*****Grades 9-10-11-12****5 Credits****Pre-requisite: None**

This course is an introduction to myths from around the world. Students will study the similarities and differences between various mythologies, analyze how past cultures have used mythology to explain the world and human nature, and explore why myths are relevant to humans today. Students will also learn about the Hero's Journey and other archetypes along with world mythology. This course requires frequent reading of assigned myths, regular writing assignments, essays, presentations, and projects. This course will include a cross-curricular focus by incorporating elements of history, sociology, philosophy, psychology, biology, and anthropology.

***YEARBOOK (CP)*****Grades 10-11-12****5 Credits****Pre-requisite: None**

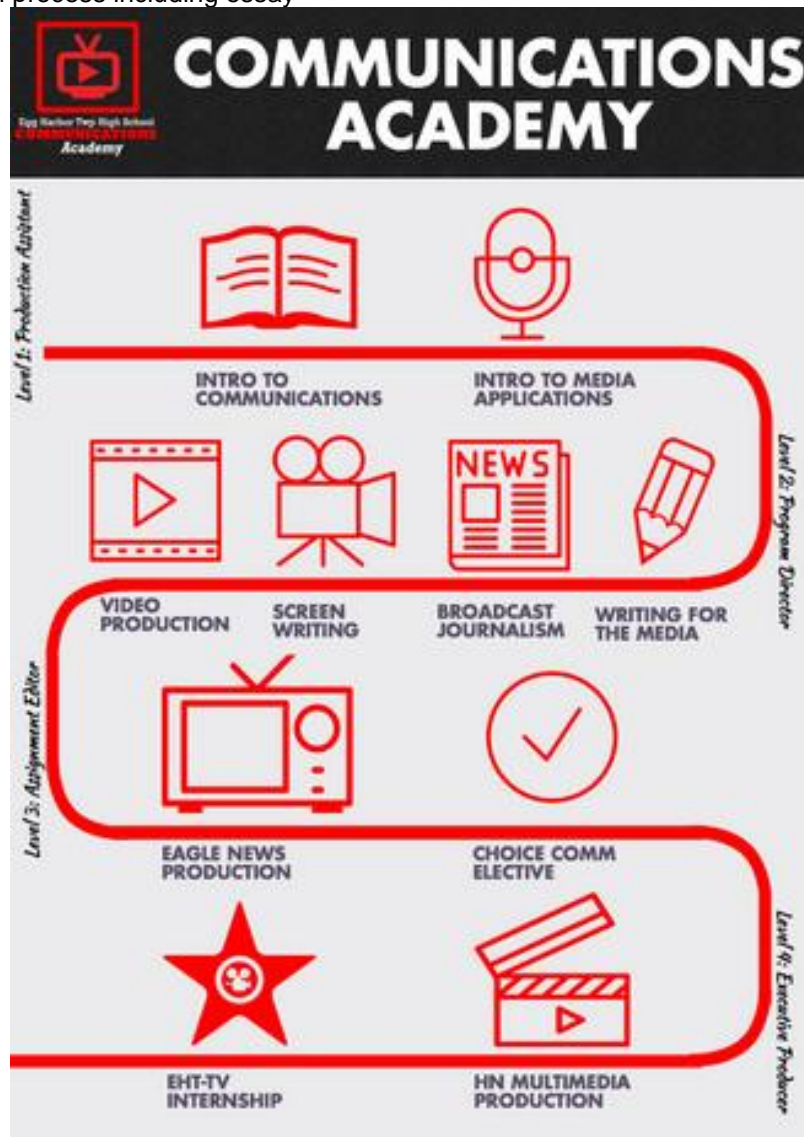
This course gives students experience in interviewing, writing, and electronic production as they produce the school yearbook. Students will develop thematic verbal and visual design and create a cover concept. Students will brainstorm story ideas, develop them through writing, and capture them through digital photography. The students will utilize design software to produce a memorable publication.

## **EHTHS COMMUNICATIONS ACADEMY: GOALS**

- Offer students a unique and specialized program that prepares them for 21st century college and careers.
- Help students develop an understanding of video production, broadcast journalism, and writing for mass media communications.
- Open students' minds to a variety of global career opportunities in communications.
- Develop productive members of society who understand communications in writing, broadcast, and video.
- Provide opportunities to apply what students learn in practical applications.
- Provide professional experience opportunities to students in mass media production
- Create a community of life-long learners that take initiative in their community and educational endeavors

## **EHTHS COMMUNICATIONS ACADEMY: ADMISSION CRITERIA**

- Must be an incoming freshman
- Recommendation from one core academic 8<sup>th</sup> grade teacher and one other special content area teacher
- Passed core 8<sup>th</sup> grade academic subjects with B or better
- State-wide assessment scores as well as school-based assessment scores will be considered
- Formal application process including essay



## **FOUR-YEAR COURSE SEQUENCE & COURSE DESCRIPTIONS**

### **INTRO TO COMMUNICATIONS (CP)**

**Grade 9**

**2.5 Credits**

**Pre-requisite:** Acceptance into the EHTHS Communications Academy

The purpose of this course is to introduce students to various dimensions of the media and the impact that media has on audiences. Specifically, students will analyze the impact of print media, radio, television and film throughout history, and students will examine the future directions media may take.

### **INTRO TO MEDIA APPLICATIONS (CP)**

**Grade 9**

**2.5 Credits**

**Pre-requisite:** Acceptance into the EHTHS Communications Academy

This course provides a technical foundation to video production. Technical issues such as lighting, camera techniques, audio concepts, and basic editing. This class offers students practical experience in producing digital video.

### **WRITING FOR THE MEDIA (HN)**

**Grade 10**

**2.5 Credits**

**Pre-requisite:** successful completion of 9<sup>th</sup> grade Communications Academy courses

This is an intensive writing course designed to introduce to students the various forms of writing for the mass media. The course covers a host of writing formats and styles all tailored to the specific medium and the target audience. The types of writing include news stories, feature stories, press releases, web writing and broadcast newscasts. The school newspaper will also be included as capstone project. This course will be offered as dual credit through Stockton University.

### **BROADCAST JOURNALISM (CP)**

**Grade 10**

**2.5 Credits**

**Pre-requisite:** successful completion of 9<sup>th</sup> grade Communications Academy courses

This course introduces students to the procedures and vocabulary used in the television industry. For example, students learn the techniques used by electronic journalists and practice these skills through field production exercises. Students are also introduced to the newer digital television technologies. Students will write segment commentary for the Eagle News Show.

### **SCREENWRITING (CP)**

**Grade 10**

**2.5 Credits**

**Pre-requisite:** successful completion of 9<sup>th</sup> grade Communications Academy courses

Introductory course in writing concentrating on the principles and techniques of writing for film and television. Students discover, explore and analyze all the elements that make a successful, professional screenplay, both narrative and dramatic, including form and function. Among these various elements are story, character dialogue, the nature and interaction of shot scene and sequence, structure and visualization.

### **VIDEO PRODUCTION (CP)**

**Grade 10**

**2.5 Credits**

**Pre-requisite:** successful completion of 9<sup>th</sup> grade Communications Academy courses

The course encompasses the basic elements of pre-planning and videography. Covered are all camera functions, depth of field, motion, lighting, color, narrative, structure and composition. This course examines the theoretical and practical application of the production process. Students will produce segments for Eagle News.

### **EAGLE NEWS PRODUCTION (CP)**

**Grade 11**

**5 Credits**

**Pre-requisite:** successful completion of 9<sup>th</sup> & 10<sup>th</sup> grade Communications Academy courses

Eagle News Production is an audio/video technical class that focuses on the production of Eagle News. Students are expected to perform all tasks needed for the production of a news based television show that will broadcast each day to the student body. Students will write, shoot and edit "stand alone" news features included in our daily broadcast.

### **\*ELECTIVE CHOICE (HN, CP)**

**Grade 11**

**5 Credits**

**Pre-requisite:** None

In the third year of the Communications Academy, students will choose at least one (1) of the following elective courses: Great Films/Great Books, Creative Writing, Electronic Journalism, Journalism/Newspaper, Philosophy through Film, Digital Art and Design, Sports and Information Media.

## ***PRINCIPLES OF MULTIMEDIA PRODUCTION (HN)***

**Grade 12**

**5 Credits**

**Pre-requisite: successful completion of 9<sup>th</sup>, 10<sup>th</sup> & 11<sup>th</sup> grade Communications Academy courses**

The essential objective is to develop the students' creative capacities and to introduce students to the practical concerns in the making of film style single camera productions. The goal of the course is to develop professional skills and knowledge in the areas of: scriptwriting, directing, filming, audio, lighting, and editing. Students gain hands-on experience in lighting, filming, audio recording and computer based editing and assume roles in the pre through post production processes. Students will create a final video project of their own design. Formal assessments will be based on the assigned text. **This course is eligible for dual credit through Stockton University.** College credits earned may be transferable to other colleges and institutions.

## ***EHT-TV INTERNSHIP (CP)***

**Grade 12**

**5 Credits**

**Pre-requisite: successful completion of 9<sup>th</sup>, 10<sup>th</sup> & 11<sup>th</sup> grade Communications Academy courses**

In this internship, students gain experience in television production from EHT-TV. Students record campus events and athletics, produce original content and engage in media management activities. Students will establish partnership with community media outlets.

# **HEALTH AND PHYSICAL EDUCATION\***

## **ADAPTIVE PHYSICAL EDUCATION**

**Grades 9-10-11-12, Pre-requisite: Youth Study Team approval**

**5 credits**

This course is designed for students with physical and/or emotional limitations. Individual programs are designed for each student, according to their abilities. Students are referred by the youth study team, and/or guidance counselor based on their IEP or 504 plan. Students explore and learn fundamental skills in health related concepts, team sports, recreational games, leisure activities, and physical conditioning.

## **HEALTH/PHYSICAL EDUCATION I**

**Grade 9, Pre-requisite: None**

**5 Credits**

This course is required for all 9<sup>th</sup> grade students. This program includes, but not limited to, units in team sports, physical conditioning, track and field, field hockey, team handball, Project Adventure, bicycle safety, lacrosse, flag football, soccer and swimming. Health topics include Family Life Education, social, physical and mental health.

## **HEALTH/PHYSICAL EDUCATION II**

**Grade 10, Pre-requisite: None**

**5 Credits**

This course is required for all 10<sup>th</sup> grade students. This program includes, but not limited to, units in team sports, physical conditioning, track and field, field hockey, team handball, Project Adventure, wrestling, bicycle safety, flag football, soccer and swimming. Health topics include driver education, decision making, and health careers.

## **HEALTH/PHYSICAL EDUCATION III**

**Grade 11, Pre-requisite: None**

**5 Credits**

This course is required for all 11<sup>th</sup> grade students. This program includes, but not limited to, units in softball, volleyball, aerobics, weight training, team handball, archery, tennis, basketball. Health topics include drug education, CPR/AED, and first aid/safety.

## **HEALTH/PHYSICAL EDUCATION IV**

**Grade 12, Pre-requisite: None**

**5 Credits**

This course is required for all 12<sup>th</sup> grade students. This program includes, but not limited to, units in tennis, volleyball, indoor/outdoor recreational games, floor hockey, physical conditioning, softball, golf, basketball. Health topics include drug education, nutrition, health relationships, conflict resolution, mental health, preventing violence/abuse and health careers.

## **HEALTH/WELLNESS/YOGA**

**Grade 9-10-11-12, Pre-requisite: None**

**5 Credits**

This full year class will provide students the opportunity to explore and engage in a variety of activities that promote lifelong wellness through different low-impact movements. Fitness/Wellness for Life includes, but is not limited to, the following activities: walking, body weight strength training, resistance bands, stretching, yoga, mindfulness, and dance. This class will help reduce the risk of injuries while participating in individual or organized sports, personal fitness goals, and assist in one's overall wellness and self-confidence. Students will be expected to be self-motivated, engaged, and cooperative with the instructor and classmates. This class will satisfy the grade-level requirement and students will take 1 marking period of Health Education which will focus on nutrition, self-care, mental and social health.

## **STRENGTH & CONDITIONING/SPEED & POWER DEVELOPMENT**

**Grades 11-12**

**5 credits**

**Pre-requisite: successful completion of PE I and PE II, current 11<sup>th</sup> graders in Strength will need a teacher recommendation to continue in Strength for grade 12.**

This full year class will give students an opportunity to increase sport specific endurance, strength, and flexibility thus providing a foundation for intensive training and maximal athletic efforts. Participation in this class will also reduce the risk of injuries by improving physical fitness and skill acquisition. Students are expected to exhibit a high level of motivation, cooperation and sportsmanship. Activities include strength training, speed development, mobility training and specific sport related drills, sports nutrition, supplements, dehydration and the abuse of steroids. **This course will satisfy the requirement for a student's grade-level physical education class. Students will take one marking period of Health Education as part of this course.**

\* Any parent/guardian who would like to review the *Family Life Education* curriculum should contact the Supervisor of Health & Physical Education at extension 1683.

## **MATHEMATICS**

### **ALGEBRA I (ADV, CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None. ADV level requires teacher recommendation.

This course for the college-bound student covers the major topics of elementary Algebra up to and including quadratics. Emphasis is placed upon basic manipulation of variables, solving equations and general competency in solving verbal problems. Students enrolled in any level of Algebra I will be required to take the NJSLA Algebra I assessment.

### **ALGEBRA II (HN, ADV, CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** Algebra I and Geometry. HN & ADV levels require a teacher recommendation. Summer assignment required for HN level.

(Course can be taken concurrently with Geometry with teacher recommendation)

This is a continuation of Algebra I concepts with emphasis on operations with real and complex numbers, linear and quadratic equations, polynomials, and functions. Students enrolled in any level of Algebra II will be required to take the NJSLA Algebra II assessment.

### **ALGEBRA CONCEPTS (SP)**

**Grade 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

This course covers the major topics of elementary Algebra. Emphasis is placed upon basic manipulation of variables, solving equations and general competency in solving verbal problems. Students enrolled in Algebra Concepts will be required to take the NJSLA Algebra I assessment.

### **CALCULUS AB (AP, HN)**

**Grade 11-12**

**5 Credits**

**Pre-requisite:** Pre-Calculus and teacher recommendation. Summer assignment required for HN & AP.

This course is intended to prepare students seeking a college education in a math-oriented field. The course is an in-depth treatment of extended mathematical concepts needed for the successful completion of a college Calculus course. Areas of discussion will include: limits, integration, volume and area applications, related rates, optimization problems and transcendental functions. AP Students may be required to take the AP exam. **This AP level is eligible for dual credit through Stockton University.** College credits earned may be transferable to other colleges and institutions.

### **CALCULUS BC (AP)**

**Grade 12**

**5 Credits**

**Pre-requisite:** Calculus AB and teacher recommendation. Summer assignment required.

This course is designed to extend the concepts covered in Calculus I. Students will prepare for the Calculus BC exam and also cover more advanced integration techniques and applications, infinite series, differential equations, arc length and surface of revolution and the shell method of computing volumes. Students may be required to take the AP exam.

### **CONCEPTUAL ALGEBRA II (CP)**

**Grade 12**

**5 Credits**

**Pre-requisite:** Algebra I and Geometry

This course is designed for students who wish to develop stronger understanding of algebraic thinking so they can succeed in higher level mathematics. Students will apply concepts from first year Algebra and Geometry to solve real-world problems. Students will visualize, represent, model and solve problems that people encounter every day in areas such as science, art, and business. The focus will be on the modeling of linear and quadratic functions. Technology will play a major role in developing student understanding of these concepts.

### **GEOMETRY (HN, ADV, CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** Algebra I. HN level requires a teacher recommendation.

This is a course designed for students who have successfully completed Algebra I. The course is designed to acquaint students with the proof of mathematical problems, relationships between points, lines, and planes and geometric shapes. Students enrolled in all levels of Geometry will be required to take the NJSLA Geometry assessment.

### **GEOMETRY CONCEPTS (SP)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Algebra Concepts or Algebra 1**

This is a course designed for students who have successfully completed Algebra. The course is designed to acquaint students with relationships between points, lines, and planes and geometric shapes. Students enrolled in Geometry Concepts will be required to take the NJSLA Geometry assessment.

### **MATH LAB: Alg I, Geometry, Alg II (B)**

**Grades 9-10-11-12**

**2.5 Credits**

**Pre-requisite: None**

This course is a targeted intervention to assist students in the skills tested on the PARCC (College and Career Readiness) Assessments. The online program, Edmentum, will provide opportunities to identify and address strengths and weaknesses in various mathematical topics. Data on student skill deficits will be tracked throughout the semester. Placement into this course will be determined by results on previous NJSLA Assessments and/or other school-based assessments.

### **MATHEMATICS FOUNDATIONS (SP)**

**Grades 12**

**5 Credits**

**Pre-requisite: Algebra 1, Geometry, Algebra 2 and CST recommendation**

This course provides a preparation for more advanced study in mathematics, including Pre-Calculus, for students who seek to improve their algebra skills. This course will build on concepts from Algebra & Geometry including linear, quadratic, exponential, rational, polynomial and radical expressions, inequalities, equations, functions and their graphs. Students will also have the opportunity to strengthen mathematical skills necessary for state testing, ASVAB and college entrance examinations.

### **PRE-CALCULUS (AP, HN, ADV)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Geometry and Algebra II. AP & HN level requires a teacher recommendation. Summer assignment required for AP & HN level.**

This course is intended to prepare students seeking a college education in a math-oriented field such as engineering or the sciences. The course is designed to assist the student in acquiring a basic knowledge of Calculus principles. Areas of discussion will include: functional notation, graphing, logarithms, trigonometry and matrices. **The Honors level is eligible for dual credit through Stockton University.** College credits earned may be transferable to other colleges and institutions.

### **STATISTICS (AP, HN, CP)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Geometry and Algebra II. AP level requires a minimum current math grade of 90 in CP/Adv or 80 in Honors, as well as teacher recommendation. Summer assignment required for AP level.**

The objectives of this course are to familiarize students with statistical terminology and tools for describing data sets. Students will also obtain knowledge of the concepts in data description, hypothesis testing, statistical inference and obtain a firm basis for further statistical study. Students will be exposed to the importance of the basic assumptions underlying all statistical calculations. AP students may be required to take the AP exam. **The Honor level course will be eligible for dual credit through Atlantic Cape Community College.** College credits earned may be transferable to other colleges and institutions.

### **SURVEY OF MATHEMATICS (CP)**

**Grade 12**

**5 Credits**

**Pre-requisite: Algebra II and teacher recommendation**

This course is intended to build upon the skills learned in Algebra II. The knowledge and skills gained will prepare students for math courses at both 2-year and 4-year institutions. Topics include linear, rational, radical, polynomial, exponential and quadratic expressions, inequalities, linear systems, functions and their graphs. Select topics from conic section graphs and theory of equations will be explored. Placement into this course will be determined by performance in previous math courses and teacher recommendation.

## SCIENCE

### **ESSENTIALS of ANATOMY & PHYSIOLOGY (HN)**

Grade 11-12

5 Credits

**Pre-requisite:** B in College Prep Chemistry and teacher recommendation.

This is an introductory course in human anatomy and physiology. The ability to develop and recall a large technical vocabulary and retain a large volume of detailed information is essential for success in this course. Anatomy and Physiology will cover cell structure and functions, tissues, homeostasis, and several body systems (integumentary, skeletal, muscular, nervous, senses, endocrine, cardiovascular, lymphatic, respiratory, digestive, and urinary). This course fulfills the pre-requisite for AP Biology.

### **BIOLOGY (AP)**

Grades 11-12

5 Credits

**Pre-requisite:** B in previous HN level science courses, teacher recommendation from current science teacher. Summer Work.

The advanced placement biology course is for students who have successfully completed biology and chemistry and want a college level science course. The course is designed to follow the College Board AP Biology program. Successful students are encouraged to take the SAT Subject Test in Biology. This course may be offered as a dual credit course with Stockton University. **Students are required to complete three independent studies: One over the summer prior to classes beginning in September, one over the Winter Break and one over Spring Break. Students may be required to take the AP exam.**

### **BIOLOGY (HN)**

Grades 9-10-11-12

5 Credits

**Pre-requisite:** (Incoming Freshman) A or B in 7<sup>th</sup> and 8<sup>th</sup> grade science class, with recommendation of current science teacher at the Middle School.

For the college-bound student, this course consists of an in-depth study of life and the processes necessary to sustain it. Students must be highly motivated to learn and able to complete assignments independently as well as within assigned learning groups. Topics and experimentation include: biochemistry, cellular structure & function, metabolism, genetics, heredity, evolution and ecology. Separate independent projects will also be required.

### **BIOLOGY (ADV, CP)**

Grades 9-10-11-12

5 Credits

**Pre-requisite:** Advanced level requires minimum B average in 8<sup>th</sup> grade science.

This course is designed for the college-bound student. This course consists of an in-depth study of life. Topics of discussion and experimentation include: biomolecules, cellular structure & function, genetics, evolution, natural selection, botany (plant science), and ecology.

### **BIOLOGY-GENERAL (SP)**

Grades 9-10-11-12

5 Credits

**Pre-requisite:** None

This course that introduces the student to the study of life. Major topics covered in the course include cell structure, function, animals and plants, classification of living things, how organisms carry on life processes, heredity, the human body, diseases and the environment. Laboratory work is an integral part of the course as well as films, guest speakers, classroom discussion and microscope work.

### **CHEMISTRY (AP)**

Grades 11-12

5 Credits

**Pre-requisite:** minimum B in Algebra 1, Alg. II, HN Biology and HN Chemistry. HN Chemistry teacher recommendation. **Students must complete a summer project prior to September.**

This advanced placement college prep course is designed to be equivalent to a first year college course in chemistry. Students can obtain college credit for this course by scoring well on the Chemistry AP Exam in the spring. In light of this, the AP Chemistry is a rigorous academic course that includes the following topics: inorganic nomenclature, solutions, gas laws, thermo chemistry, atomic structure, chemical bonding, chemical equilibrium, acid-base chemistry, kinetics, thermodynamics, electrochemistry, nuclear chemistry, and quantum chemistry. **Students may be required to take the AP exam.**

## **CHEMISTRY (HN)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** 70 average in HN Biology or 80 average in Adv Biology, teacher recommendation. It is recommended that students take Adv Alg. II concurrently. If not enrolled in Alg. II, must have earned a 90 in Adv Algebra I. Students must complete a summer project prior to September.

This honors level course requires students to master the basic skills of problem solving which necessitates the use of the scientific method and mathematics. Emphasis will be placed upon the application of knowledge in the synthesis of connections between concepts. Information regarding the use of techniques in industry and in the student's home environment will be provided to give a sense of relevance and importance. Topics covered will give students an appreciation of the many areas of chemistry and a firm foundation to further build upon.

## **CHEMISTRY (ADV, CP)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:**

**Advanced level:** recommended C in Adv Biology/Adv Algebra or B in CP Biology/CP Algebra I.

**CP level:** recommended C in Algebra IA/Algebra I, completion of CP Biology or CP Core Sci.

This course involves the study of interactions and changes of materials that make up the universe. Students will learn how to use algebra and arithmetic to solve word problems and conduct quantitative investigations of matter. Topics include atomic structure, the periodic table, chemical bonds, chemical reactions, acid/base chemistry and nuclear chemistry. The advanced level will focus on the principles of the chemical nature of matter, the history of chemistry, organizations of chemistry, formulas, and equations, chemical reactions and the states of matter. The advanced level includes an emphasis on mathematical applications.

## **CORE SCIENCE (CP)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** General Biology with Teacher Recommendation or CP Biology/Lab

This is a college prep science course that deals with the core science standards in earth science and biology. Topics covered include anatomy, earth science, space science, meteorology, and human history.

## **CORE SCIENCE (SP)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** General Biology (Sp)

This is a science course that deals with core science standards in physical science and biology. Topics include: physical science (chemistry, physics), universe, earth science, meteorology, paleontology, oceanography and anatomy.

## **ENVIRONMENTAL SCIENCE (AP)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Current Teacher recommendation or minimum C average in HN Chemistry or B average in Adv Chemistry.

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and preventing them. **Students may be required to take the AP exam.**

## **ENVIRONMENTAL SCIENCE (ADV)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Minimum C average in previous CP level science course

Environmental Science is the study of man's interaction with nature to provide knowledge to maintain a healthy and sustainable environment. Major topics in this course include; environmental problems and scientific principles, ecological principles, human population & resources, environmental quality & pollution, land use, biodiversity, and conservation. Learn what you can do to protect the planet.

## **OCEANOGRAPHY (HN)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** C in HN Chemistry or B average in Adv Chemistry, teacher recommendation.

An introduction to the chemistry, geology, physical and biological processes of the world's oceans, marginal seas, and coastal zones. The multidisciplinary character of oceanography is stressed with advanced applications in technology and real-world data. The goal of this course is an integrated understanding of how the ocean works. Students will build underwater ROVs through the SeaPerch program. **This course is eligible for dual credit through Stockton University.** College credits earned may be transferable to other colleges and institutions.

### ***OCEANOGRAPHY (ADV)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Minimum C average in previous CP level science course

For the college-bound student, this course describes the geological, physical, chemical, and biological characteristics of the oceans. The multidisciplinary character of oceanography is stressed. Fundamental principles in all disciplines are introduced. The goal of this course is an integrated understanding of how the ocean works.

### ***OCEANOGRAPHY (SP)***

**Grades 12**

**5 Credits**

**Pre-requisite:** General Biology, Core Science or General Chemistry, Physical Sci and CST recommendation

This course describes the physical, chemical, and biological characteristics of the oceans. Special detail will be paid to the Atlantic Ocean and tidal marshes that provide the ocean with much of its animal life. Fieldwork will be an integral part of this course.

### ***PHYSICAL SCIENCE (SP)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** General Biology and General Core Science

This physical science course deals with the basic components of the universe - matter, energy, space and time.

### ***PHYSICS C (AP)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Minimum 85 average in HN/AP Physics I or AP Chemistry and minimum 85 in HN Pre-Calculus. In addition, the student must be taking Calculus concurrently with AP Physics C. Students must complete a summer project prior to September.

This course is designed to be equivalent to a first year college course in Physics. Students can obtain college credit for this course by scoring well on the Physics AP Exam in May. AP Physics is a rigorous academic course that includes the following topics: kinematics, Newton's Laws of Motion, work, energy, power, systems of particles, linear momentum, circular motion and rotation, oscillations and gravitation, electrostatics, conductors, capacitors, dielectrics, electric circuits, magnetic fields, and electromagnetism. **Students may be required to take the AP exam.**

### ***PHYSICS I (AP)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Concurrently taking HN Pre-Calculus, 85 or higher in HN Chemistry (95 or higher in CP Chemistry) and teacher recommendation. Students must complete a summer project prior to September.

This course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics including rotational dynamics and angular momentum, work, energy, power, waves and sound. It also introduces electric circuits. **Students may be required to take the AP exam.**

### ***PHYSICS II (AP)***

**Grades 12**

**5 Credits**

**Pre-requisite:** Concurrently taking HN Pre-Calculus and Min 75 or higher in AP Physics I. Students must complete a summer project prior to September.

This course is equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity, magnetism, optics and atomic and nuclear Physics. **Students may be required to take the AP exam.**

### ***PHYSICS I (HN)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Minimum 75 in HN Chemistry (90 in CP Chemistry) and teacher recommendation. It is recommended to take Pre-Calculus concurrently. If not in Pre-Calc, students must be concurrently enrolled in HN Alg II.

This honors course is geared to the high achievers in math and science who are planning a career in engineering or similar pursuit. Topics include: measurement and problems solving velocity and acceleration using kinematics in one and two dimensions, universal gravitation, Newton's Laws of Motion and forces, work, energy, power, systems of particles including waves and sound, linear momentum, circular motion, rotation, oscillations, gravitation, electrostatics, conductors, capacitors, dielectrics, electric circuits, potential difference.

## ***PHYSICS II (HN)***

**Grades 12**

**5 Credits**

**Pre-requisite:** Concurrently taking Pre-Calculus, one year of high school Physics and teacher recommendation.

This Honors course examines the physical nature of the universe. Special detail will be paid to the application of knowledge learned. Every unit will require students to design, redesign and build a project applying the new skills learned in the unit. Topics of emphasis include trigonometry, graphical analysis of data, energy and its conservation, heat, kinetic theory, gas laws, static, current electricity, light waves, sound, reflection, refraction, atomic structure and radiation, nuclear fission and fusion and the electromagnetic spectrum.

## ***PHYSICS (ADV, CP)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Advanced level requires B in CP Chemistry and concurrently taking Adv Algebra II. CP level requires completion of CP Biology, CP/Gen Core Science or CP Chemistry and Algebra I (recommended C average or better).

This college prep course examines the physical nature of the universe. Special detail will be paid to the application of knowledge learned. Every unit will require students to design, redesign and build a project applying the new skills learned in the unit. Topics of emphasis include trigonometry, graphical analysis of data, motion in straight lines (kinematics), graphical analysis of motion, vectors, forces that do not cause motion (statics), forces that cause motion (dynamics), friction, momentum and its conservation, projectile motion, universal gravitation, work and power, energy and its conservation, waves, fluids.

# Medical Science Academy

## E.H.T.H.S. Science Department

### Incoming Freshmen

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### **Program Description**

The Medical Science Academy is designed for the extremely self-motivated student who has a strong interest in the Medical field. In addition to taking traditional science courses (Biology, Chemistry, Physics, etc.), students will take an additional, specialized, academy course during each of their first three years. During their senior year, students will take 2 full year academy science courses, and will complete a semester of Clinical Research and Observation.



## Acceptance Criteria:

- ☐ Must be an incoming Freshman
- ☐ Recommendation from Middle School Science and Math Teachers
- ☐ Passed 8<sup>th</sup> grade Algebra I and Advanced Science with a minimum of an 84% final average. Consideration will be given to students with A averages in Regular Math and Science.
- ☐ State-wide assessment scores as well as school-based assessment scores will be considered.
- ☐ Formal Application Process Including Essay

9<sup>th</sup>

Honors  
Biology

MSA Science  
2.0 S.T.E.M.

10<sup>th</sup>

Honors  
Chemistry

MSA Genetics  
&  
Neuroscience

11<sup>th</sup>

HN/AP  
Physics,  
Biology, or  
Chemistry

MSA  
Fundamentals  
Anatomy &  
Physiology

12<sup>th</sup>

HN/AP  
Physics,  
Biology, or  
Chemistry

MSA Forensic  
Science

MSA Sports  
Medicine

MSA Clinical  
Research and  
Observation

## ***MEDICAL SCIENCE ACADEMY COURSE DESCRIPTIONS\****

### **SCIENCE 2.0\* (MSA)**

**Grade 9**

**5 credits**

**Pre-requisite:** Acceptance into the Medical Sciences Academy

**Co-requisite:** HN Biology. If HN biology is dropped this course must also be dropped.

This STREAM (Science, Technology, Reading/Writing, Engineering, Arts and Math) based course will use technology to explore concepts in various areas of science. This includes examining biological topics such as the molecules of life, circulation, respiration, plant physiology, genetically modified organisms, biotechnology, scientific research, laboratory techniques, renewable resources and the history of medicine. The course will also explore the use of the PASCO spark probe sensors, 3D design and printing, robot programing, reverse engineering, and electronic circuits. This course will also help students develop life skills such as problem solving, studying skills, resume building, and digital citizenship.

### **GENETICS & NEUROSCIENCE\* (MSA)**

**Grade 10**

**5 credits**

**Pre-requisite:** Science 2.0

**Co-requisite:** HN Chemistry. If HN Chemistry is dropped this course must also be dropped.

This course is designed for the college bound student planning to embark on a career in a medical or allied health field. This course takes an in depth look at genetics by covering topics which will include genetic engineering, cellular basis of inheritance, the human genome, and genetic disorders. The second semester will focus on Neuroscience. This course will provide students with a foundation for understanding behavior and how the nervous system functions in humans. Focal points for the course will include neuroanatomy and pathways, neurophysiology, sensory, response and motor systems in addition to contemporary ideas regarding higher cognitive functions. Additionally, this course will also explore human pathology by examining the body's defense and response against infectious diseases caused by viruses and bacteria as well as autoimmune diseases.

### **FUNDAMENTALS of ANATOMY & PHYSIOLOGY\* (MSA)**

**Grade 11**

**5 Credits**

**Pre-requisite:** Genetics & Neuroscience

**Co-requisite:** HN/AP Level Science. If HN level science is dropped this course must also be dropped.

This course is designed for the college bound student planning to embark on a career in a medical or allied health field. Topics of study include the structure and function of cells, chemical level of organization, histology, feedback loops, and body systems including integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. An introduction to common human disease processes (human pathology) is incorporated in this course. Laboratory component includes anatomical studies using microscopy and dissection and the study of physiological concepts via experimentation. Additionally, this course will utilize a hybrid learning environment extending beyond the classroom and requiring an online component.

### **FORENSIC SCIENCE\* (MSA)**

**Grade 12**

**5 Credits**

**Pre-requisite:** Fundamentals of Anatomy & Physiology

This course provides students the opportunity to apply the principals of biological, chemical, and physical science and technological practices through inquiry based settings. Major themes of study in this course are pathology, anthropology, deontology, ballistics, trace evidence, biological fluids, DNA, fingerprints, and impression evidence.

### **SPORTS MEDICINE & ATHLETIC INJURY\* (MSA)**

**Grade 12**

**5 Credits**

**Pre-requisite:** Honors Anatomy & Physiology

This course offers an engaging, student-friendly approach to learning the fundamentals of careers in health care as well as covering aspects of athletic injury treatment and recovery. Beginning with health care education students will develop their personal and professional skills exploring various careers in health care. Students will gain an understanding of today's health care system, health care economics, professional skills (communication, personal and professional attributes) workplace skills (computers, documentation, medical math), and career profiles. Students will also gain an understanding regarding athletic injury which will include topic such as anatomy and physiology, emergency preparedness, vital signs, basic life support, treatment and prevention of injuries, therapeutic modalities, and physical rehabilitation

## **CLINICAL RESEARCH & OBSERVATION (MSA)**

**Grade 12**

**2.5 Credits**

### **Pre-requisite: Fundamentals of Anatomy & Physiology**

During this course, students will engage in real world experiences by shadowing medical professionals. Students will complete weekly journals, a personal fieldwork portfolio, learn about clinical research strategies, have guest speakers, collaborate in group projects and give a final culminating presentation highlighting their personal fieldwork experiences and a final research project to students in the Medical Science Academy.

*\*Medical Science Academy courses are assigned a 20% weight to cumulative GPA. The 20% Academy Weighting is contingent upon continuous enrollment in the academy. See page 5 for details.*

# **SOCIAL STUDIES**

## **REQUIRED COURSES**

### **WORLD CULTURES (HN, ADV, CP, SP)**

**Grade 9**

**5 Credits**

**Pre-requisites:** HN & ADV levels require a teacher recommendation.

World Cultures is the study of the interrelationships of individuals, societies and cultures which helps students understand their world. Geographic, political, economic and religious aspects of varied cultures, past and present, will be analyzed, enhancing the student's understanding of World History and the student's appreciation for cultural differences and similarities that influence global affairs.

### **U.S. HISTORY I (HN, ADV, CP, SP)**

**Grade 10**

**5 Credits**

**Pre-requisite:** HN & ADV levels require a teacher recommendation.

U.S. History I provides the student with an overview of American history from the development of the U.S. government in the post-Revolutionary period to World War I. Social, economic, political and religious factors and their impact on American development are examined. Additionally, students will be acquainted with the principles, organization and functions of the American Government. **Honors level is eligible for dual credit through ACCC. College credits earned may be transferable to other colleges and institutions.**

### **U.S. HISTORY II (HN, ADV, CP, SP)**

**Grade 11**

**5 Credits**

**Pre-requisite:** U.S. History I; HN & ADV levels require a teacher recommendation.

United States History II is a required social studies course for all students in the eleventh grade at Egg Harbor Township High School. The primary focus is to provide instruction leading to student acquisition of knowledge and understanding of the American experience. Of equal importance is the development of skills inherent in the social studies disciplines. United States History II focuses on content areas that support and sequentially follow the United States History I course of study. The student will examine historic events and American life conditions for the time span beginning with the effects of World War I until the present day. In this process, the student will have the opportunity to focus on current issues that are related to each unit of study. In addition, the student will have the opportunity to critically analyze and evaluate major events in American History.

### **U.S. HISTORY (AP)**

**Grade 11**

**5 Credits**

**Pre-requisite:** Honors U.S. History I and teacher recommendation and HN/AP level English

**This course fulfills the U.S. History II requirement** and will examine our country's history in depth from 1880 to the present. It is highly recommended that the student has completed Honors U.S. History I as a background. A variety of texts, primary and secondary source materials and other learning tools will be used. The use of Internet resources will also be employed. There will be a large amount of both reading and writing in preparation for the AP exam. After sitting for the AP exams in May, students will engage in various activities and will complete a major research project that will help prepare students for the rigors of college research and writing. **Students may be required to take the AP exam.**

## **SOCIAL STUDIES ELECTIVES**

### **AFRICAN AMERICAN STUDIES (AP) (PENDING APPROVAL)**

**Grade 11-12**

**5 Credits**

**Pre-requisite:** Social Studies or English teacher recommendation required.

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African Kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

## ***AFRICAN AMERICAN STUDIES (HN)***

**Grade 10-11-12**

**5 Credits**

**Pre-requisite:** Recommended for Advanced/Honors level students, Social Studies or English teacher recommendation required.

Students will study the struggles and triumphs of people of West African descent in the Americas. You will consider their efforts to forge an identity within the American mainstream. In particular, you will study the contributions of African-Americans to American civilization in the fields of science, the arts and the humanities. Within historical context, you will analyze and discuss historical and literary sources. Students will engage in debates, lead and participate in class discussions as well as other performance assessments. This course is eligible for dual credit through Stockton University. College credits earned may be transferrable to other colleges and institutions.

## ***ART HISTORY (AP)***

**Grade 10-11-12**

**5 Credits**

**Pre-requisite:** minimum B Average in World Cultures, U.S. History I or II (Adv level or higher) and teacher recommendation.

This full year elective course begins with Prehistoric cave paintings and ends with contemporary pop art. Through PowerPoint presentations and virtual museum tours, students will study hundreds of art masterpieces and their masters in a chronological sequence. Students will learn about various art techniques, examine art from cultures around the world, and be able to see how and why the works of art function then and now. Although fun and interesting, the major focus of this course is intense preparation for the national AP Art History exam. **Students may be required to take the AP exam.**

## ***CONTEMPORARY ISSUES (CP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** None

Contemporary Issues is a lively, ever-changing look at our world, our community, and our nation. Student-driven and discussion based, topics include social and environmental issues, politics, and all other concerns challenging the 21st century student. Utilizing films, documentaries and a variety of internet and news sources, students are encouraged to form and express their opinions in an open-minded atmosphere.

## ***CRIMINAL & CIVIL LAW-INTRODUCTION (CP)***

**Grades 10-11-12**

**2.5 Credits**

**Pre-requisite:** None

This course covers the basic principles of American Civil and Criminal Law, the structure of the U.S. Court System and due process guidelines. Students will also analyze and debate current legal controversies, participate in mock trials and other role play simulations.

## ***ECONOMICS (CP)***

**Grades 10-11-12**

**2.5 Credits**

**Pre-requisite:** None

The national economy of the United States is a complex free market system and the world's wealthiest country where the persistence of scarcity is evident in all classes. This course untangles some of the economy's complexities by examining the laws that govern the U.S. economy and other economies around the world. At the same time, this course will focus on the specific mechanisms, finance, strengths and failures of the American free enterprise system. A balance of both microeconomic and macroeconomic topics will be covered in this course as well as personal financial planning. **This course satisfies the NJ State graduation requirement for Financial Literacy.**

## ***EUROPEAN HISTORY (AP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** B in an HN social studies course or A in a CP social studies course and teacher recommendation.

AP European History is an academic year-long course covering European History from the Middle Ages to the present, that is meant to be the equivalent of a freshman college course and can earn the student college credit. The course covers the history of Europe from the end of the Middle Ages to the present day. Students are expected to do a considerable amount of reading in both the major text and the supplementary sources. Evidence of this reading is shown in class discussions, questions asked by the teacher, and answers to the teacher's questions, as well as in unit tests, which consist of objective and essay type questions. Students should possess strong reading and writing skills and be willing to devote substantial time to study and completion of class assignments. The course is intended to dovetail the AP European History exam administered by the College Board. **Students may be required to take the AP exam.**

## **HOLOCAUST, GENOCIDE AND CRIMES AGAINST HUMANITY (HN)**

**Grade 12**

**5 Credits**

**Pre-requisite:** Seniors only who have completed US II – Dual Credit Course with Stockton University

Students will explore various aspects of genocide, human behavior, and crimes against humanity.

The Holocaust will be the focus of about half of the course with the remainder devoted to contemporary genocidal issues as well as human rights. Current events will also be explored. A variety of learning and teaching techniques will be employed which include interpretation of primary and secondary source materials/accounts, projects, historical film and literature, and personal experiences of survivors. Guest speakers will be available as will outside events and other alternative means of assessment. This unique experiential class will also be devoted to preparing the student for the college experience. Students will develop the 21st century skills of critical thinking, communication, collaboration and creativity. **This course is eligible for dual credit through Stockton University.** College credits earned may be transferable to other colleges and institutions.

## **LATIN AMERICAN HISTORY (HN) (PENDING APPROVAL)**

**Grade 10-11-12**

**5 Credits**

**Pre-requisite:** Social Studies or English teacher recommendation required.

This goal of the course is to teach an introductory survey into Latin America and the Caribbean from its foundations and Natives to the current nations in the region today. The course will cover the histories of the Indigenous peoples of the Americas, as well as the historical and cultural impact of European immigrants to the region, Africans and people of African descent, and the unique mixes of people that make up the region. Students taking this course will cover cultures, ethics, politics, economics, histories, and religious beliefs from the pre-colonial, colonial, and modern era. It also covers exchanges, interactions, and influences between Latin America, the US, and Western Europe.

## **MACROECONOMICS (AP)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Current History Teacher's Recommendation

Advanced Placement Macroeconomics is a college-level course that introduces fundamental economic concepts such as scarcity and opportunity costs. Other primary components of the course will include basic economic concepts, measurement of economic performance, national income & price determination, the financial sector, inflation, unemployment and stabilization policies. Economic growth and the role to productivity will be examined as well as international trade & finance. Coverage of these concepts will provide students with the foundation for a thorough understanding of macroeconomic policies and issues. **Students may be required to take the AP exam. This course satisfies the NJ State graduation requirement for Financial Literacy.**

## **MICROECONOMICS (AP)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Current History Teacher's Recommendation

Advanced Placement Microeconomics is a college-level course that gives students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The following topics will be covered: Basic Economic Concepts, The Nature and Functions of Product Markets, Factor Markets, and Market Failure & the Role of Government. Coverage of these concepts will provide students with the foundation for a thorough understanding of microeconomic policies and issues. **Students may be required to take the AP exam. This course satisfies the NJ State graduation requirement for Financial Literacy.**

## **PSYCHOLOGY (AP)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Current History Teacher's Recommendation and HN or AP English

This course is intended to provide the student with a learning experience equivalent to that obtained in most college introductory psychology courses in preparation for the Advanced Placement Examination in Psychology. Topics emphasized include the following: methods, approaches and history of psychology, biological bases of behavior, sensation and perception, motivation and emotion, developmental psychology, abnormal psychology, treatment of psychological disorders, and social psychology. **Students may be required to take the AP exam.**

## ***PSYCHOLOGY (HN)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Recommended for Advanced/Honors students, teacher recommendation required, Dual Credit with ACCC (see page 11)

This course presents a more detailed examination of the concepts of modern psychology and major psychological theory. Students practice the methods used by psychologists in real experiments and report their results using the format of the American Psychological Association. Topics include the psychological bases of behavior, learning, memory, abnormal behavior, and the treatment of the psychological disorders. This course is intended to prepare the student for the rigors of Advanced Placement Psychology.

## ***PSYCHOLOGY (CP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Recommended for College Prep students

This course is a basic study of the major areas and approaches in psychology. This course examines such topics as: historical approaches to psychology; brain and nervous system functions; life span development; learning, remembering, and thinking; interactions with the world and each other; why we are motivated to act as we do; factors that make each of us distinct individuals; stress; psychological disorders and treatment; careers in psychology. The course emphasizes scientific methodologies within the discipline.

## ***U.S. GOVERNMENT AND POLITICS (AP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** minimum B Average in World Cultures, U.S. History I or II (Adv level or higher) and teacher recommendation.

Advanced Placement U.S. Government and Politics is equivalent to a college-level U.S. Government course covering the "nuts and bolts" of the American political system. The course covers the structure and operations of the U.S. Government and the behavior of the electorate and politicians. Students learn how to gather and analyze data about political behavior and form theories about how our political system acts as it does. Students should gain an analytic perspective, enabling them to critically evaluate political information, hypotheses, concepts, opinions and processes. The course will be valuable to students interested in politics, the social sciences, and law and is designed to prepare students for the AP Exam in U.S. Government and Politics. **Students may be required to take the AP exam.**

## ***VISUAL AND PERFORMING ARTS***

### ***ART***

#### ***CALLIGRAPHY/2D (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Calligraphy is the fine art of lettering. Students will learn how to make effective use of the design elements and principles to create works of art which incorporate text. Students will develop the process of making art with letters by using various pens, inks, brushes, and varied media. Mastery of several lettering styles will be achieved through repetition and the development of good work habits. Students must have the ability to work independently and to complete work in a timely manner. They will be expected to apply previous knowledge of concepts and techniques to new assignments. Students will be required to generate original ideas and demonstrate problem solving skills through the various stages of an assignment, resulting in highly creative works of art.

#### ***CERAMICS (CP)***

**Grades 11-12**

**5 Credits**

**Pre-requisite: None**

Introduction to Ceramics is a specialized course for the student interested in the clay forming processes, including the hand building forms of pinch, coil and slab, and wheel thrown pottery. Students will study both functional and sculptural aspects of clay forms.

#### ***ADVANCED CERAMICS (HN)***

**Grades 12**

**5 Credits**

**Pre-requisite: HN level requires a minimum average of 90 in Ceramics and teacher recommendation.**

Advanced Ceramics is a course for students who wish to further develop the skills they've learned in Introduction to Ceramics. Studio work in hand building ceramic construction techniques will be further developed as well as potter's wheel techniques. Glaze applications, kilns, and various pieces of ceramics equipment will be studied. Students will be expected to exhibit their work at school/community art shows.

#### ***DRAWING AND PAINTING (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Students will be introduced to studio art through an exploration of the elements and principles of design. This course is designed to initiate creative thinking and problem solving in the process of creating original art. Emphasis will be placed on two-dimensional art, such as drawing and painting, and the utilization of art history as a guideline for practice and theory. Students will be expected to exhibit their work at school/community art shows.

#### ***ADVANCED DRAWING AND PAINTING (HN)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: HN level requires a minimum average of 90 in Drawing and Painting or Exploring Art & Design and teacher recommendation.**

This advanced course is for the serious art student who wishes to pursue a more in depth study of drawing, painting and design, as well as significant movements in art history. Problem solving and creative thinking, as well as the elements and principles of design, are explored more thoroughly and individually. Students will develop a greater sense of perceptual awareness through a series of artistic challenges that will result in self-expression through the use of various media and techniques. Students will be expected to exhibit their work at school/community art shows and keep a sketchbook.

#### ***EXPLORING DIGITAL ART AND DESIGN (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Students learn basic animation theory and mechanics, develop observational and drawing skills and study the fundamental principles of character design, layout and storyboarding in this class. Students will work with two-dimensional and three-dimensional concepts through the exploration of the elements and principles of design. Assisted by the use of Adobe programs and Microsoft surface tablets, students will develop a greater understanding of how science, technology, engineering and math are integrating themselves into the art world today through the use of various technological components and digital art techniques. Units of study may include: digital art, photography, typography, book arts, STREAM inspired art, and digital printmaking. Students will be expected to exhibit their artwork at school/community art shows.

## ***ADVANCED DIGITAL ART AND DESIGN II (HN)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Minimum average of 80 in Exploring Digital Art & Design and teacher recommendation

Advanced Digital Art and Design is for the serious art student who wishes to pursue a more in depth study of digital art and animation. Problem solving and creative thinking, as well as the elements and principles of design, are explored more thoroughly and individually. Assisted by the use of Adobe Creative Cloud and Microsoft Surface Tablets students will be challenged to create various pieces of digital art, storyboards, animations, etc. Units of study may include: digital art, animation, typography, graphic design and STREAM inspired art. Students will be expected to keep a digital sketchbook, as well as, exhibit their artwork at school/community art shows.

## ***PORTFOLIO PREPARATION (HN)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** HN level requires a minimum average of 90 average in any advanced art class and/or teacher recommendation

This course is designed for student to further their abilities to develop a suitable body of work for portfolio review. Each student will develop an exhibition of work and a portfolio suitable for career or college placement. An art gallery experience or museum visit may be part of this course. Student art work will be exhibited in both the Teen Arts and District-Wide Youth Art Month Festivals. Participation in the Honors Art Exhibition is required for this course.

## ***STUDIO ART (AP)***

**Grades 11-12**

**5 Credits**

**Pre-requisite:** AP level requires a minimum average of 90 average in any advanced art class, portfolio review, teacher recommendation and completion of summer work.

Studio art is designed for the highly motivated and serious student. Studio work will be stressed as well as discussion of art theory and analysis. Classical and contemporary approaches to drawing will be stressed with an emphasis on concept, composition, technique, and study of color/design/painting in a variety of media. Students will each choose from one of the three portfolio choices to focus on; 2D, Drawing, or 3D. Students will work to develop breadth, quality, and concentration pieces reflecting the chosen portfolio. Each student will devise an independent project organized around a theme or interest of their choosing and keep a sketchbook as a tool and record of development. Each student will develop an exhibition of work and a portfolio suitable for career or college placement. An art gallery experience or museum visit will be part of this course. Student art work will be exhibited in both the Teen Arts and District-Wide Youth Art Month Festivals. Participation in the Honors Art Exhibition is required for this course.

**Students are required to take the AP exam.**

# ***MUSIC***

## **GENERAL MUSIC COURSES**

### ***BEGINNING MUSIC THEORY (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

This class will include the fundamentals of: ear training, dictation, sight singing, interval & chord recognition, aural skills, keyboard harmony & composition. This course is the pre-requisite to AP Music Theory and is essential for instrumental & choral student musicians who plan to continue their music education after graduation.

### ***MUSIC THEORY (AP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Beginning Music Theory and/or teacher recommendation

This course is for the student who has demonstrated musicianship and performance skills as well as a working understanding of the fundamentals of music. Emphasis will be given to the development of aural, composition, performance, and analytical skills. Performance using students' primary media is part of the learning process. Students may be required to take the AP exam.

### ***DIGITAL PIANO LAB (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

The program is designed for students at all levels of piano instruction. No previous music experience is necessary. Students will learn to read music and to play simple through advanced selections in several keys. Skills will be developed through study of keyboard geography, basic terminology, musical notation, scales, rhythms, chords, simple transposition, harmonization, and improvisation. Students will be evaluated regularly through individual performance. Materials will stress basic musicianship, along with solo and ensemble repertoire. Students will receive a subscription to PLAYGROUND SESSIONS ® to assist in their instruction as well as for performance opportunities.

### ***DIGITAL RECORDING (CP) INTRO AND ADVANCED LEVELS***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: No experience necessary for Intro level. Recommendation required for Advanced**

Students in this class will learn about and apply basic functions of digital recording and producing, using state-of-the-art DAW (Digital Audio Workstation). Students will also learn the basic functions of recording and will complete projects that will enable them to navigate the interface with a focus on audio editing, plug-ins and automation. Students must have previous experience singing, playing an instrument or recording music.

## **ENSEMBLE MUSIC COURSES**

### ***CONCERT CHOIR (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course is offered to students interested in mastering basic choral elements of vocal music. Emphasis will also be on Developing the skills necessary to sing repertoire with confidence and expression Students will be required to prepare and perform in several school and community concerts. Occasional after-school and weekend rehearsals are also required. Students are required to perform in all school and community concerts. Grading will result from performance-based teacher assessment. This course is open to all students and may be repeated.

### ***CONCERT CHOIR/GOSPEL SECTION (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Concert Choir (Gospel Section)Choir will offer an introductory experience in the dynamics of performing choral literature from the Gospel Music tradition and is offered to students interested in singing a varied repertoire of music. The emphasis of this course will be on developing an understanding and skill in complex rhythm structure, phrasing and vocal production and intonation needed for singing Gospel Music Occasional after-school and weekend rehearsals are also required. Students are required to perform in all school and community concerts. Grading will result from performance-based teacher assessment. This course is open to all students and may be repeated.

### ***VOCAL ENSEMBLE (CP)***

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: By audition only.**

Vocal Ensemble is the premier singing group at EHTHS. Emphasis will be placed on individual musical achievement and growth as well as ensemble rehearsal & performance participation. Students will be expected to sing with good vocal technique; a varied repertoire of choral literature; and perform in all concerts Ensemble size is limited by sectional balance and restricted to the highest scores in each section. Choir and/or a background in piano or instrumental music, or vocal study is strongly recommended. Occasional after-school and weekend rehearsals are also required. Grading will result from performance-based teacher assessment. This course is by audition only and may be repeated.

### ***STRING ORCHESTRA (CP)***

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: Previous musical experience. Teacher recommendation or audition required.**

The String Orchestra performs intermediate and advanced literature and is dedicated to developing and enhancing the skills of all string students. Students will develop technical proficiency on their instrument through daily classroom rehearsal activities. Individual practice and preparation outside of the classroom will be expected. Attendance and participation at all orchestra functions will be required, including rehearsals and concerts. Special activities may include eligibility to participate in region and state activities, and travel to regional, national and international festivals.

## **STRING ORCHESTRA (HN)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: By Audition Only.**

The Honors Orchestra is the most advanced strings class at EHTHS and designed to provide experienced musicians the opportunity to perform a wide variety of advanced repertoire from different cultures and historical periods. Orchestra members are required to perform a minimum of two evening concerts throughout the year. Special activities may include and not be limited to regional and state activities, as well as district, national and international festivals. Students in Orchestra are encouraged to audition for All South Jersey Orchestra and will be asked to prepare the NJMEA- scales and solo requirements throughout the year. Students may also be called upon to serve as the string section of Symphony and Chamber Orchestras as well.

## **SYMPHONIC BAND (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course will teach students individual and ensemble performance techniques on their chosen instrument at a beginning to intermediate level. Emphasis is placed on technique, the elements of music, and the performance of a variety of band music. The Symphonic Band members are required to perform at least two evening concerts throughout the year. Marching Band membership is preferred but not mandatory for this class.

## **SYMPHONIC BAND (CP) – JAZZ EMPHASIS**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: Concurrent enrollment in Symphonic Band or Wind Ensemble**

This course will teach students individual and ensemble performance techniques on their chosen instrument at a beginning to intermediate level. Emphasis is placed on technique, the elements of jazz music, and the performance of a variety of band music with the emphasis on the jazz genre. The Symphonic Band members are required to perform at least two evening concerts throughout the year. Marching Band membership is preferred but not mandatory for this class.

## **WIND ENSEMBLE (HN)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: By audition only**

The Wind Ensemble is the most advanced band class at EHTHS and designed to provide experienced musicians the opportunity to perform a wide variety of advanced repertoire from different cultures and historical periods. Wind Ensemble members are required to perform a minimum of two evening concerts throughout the year. Special activities may include and not be limited to regional and state activities, as well as national and international festivals. Students in Wind Ensemble are encouraged to audition for All South Jersey Band and will be asked to prepare the NJMEA- scales and solo requirements throughout the year. Marching Band membership is preferred but not mandatory for this class. Students may also be called upon to serve as the Wind/Brass/Percussion section of the Orchestra.

## **DANCE/THEATER**

### **INTRODUCTION TO DANCE (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course is designed to inspire and instruct students in the fundamentals of dance. Jazz, Tap, Ballet, Modern, Musical Theater Dance for Stage and Film, Choreography and Dance for Music Videos, Hip Hop and Street will be explored. The history of dance and famous choreographers will also be a focus of this course. Students will be featured in a dance performance concert at the completion of their studies.

### **INTRODUCTION TO DANCE – MODERN COLORGUARD FOCUS (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course is designed to inspire and instruct students in the fundamentals of dance styles ballet, modern dance, jazz and hip hop. There will be an additional emphasis on flag, spinning, baton and other aspects of modern outdoor and indoor colorguard artistry. Prior experience is encouraged but not required.

***ADVANCED DANCE (CP)*****Grades 10-11-12****5 Credits****Pre-requisite: Intro to Dance and by audition**

The audition consists of a ballet combination, double pirouetted, a jazz combination and tap combination (time steps). Skill technique and choreography are the focus of this course. Jazz, tap ballet, modern, musical theater dances for stage and film, the history of dance and famous choreographers will also be a focus of this course. Students will be featured in a dance performance concert at the completion of their studies.

***INTRODUCTION TO THEATER (CP)*****Grades 9-10-11-12****5 Credits****Pre-requisite: None**

This course introduces the high school student to the world of theater production. Students will study the history of the theater, body language/movement, voice projection and articulation on the stage, the role of emotions in acting, character studies, stage movement/blocking, set use, props and costumes, and give short one-act performances.

***ADVANCED THEATER (CP)*****Grades 10-11-12****5 Credits****Pre-requisite: Introduction to Theater and by audition**

This course is designed to inspire enthusiasm for the drama and to provide practical instruction in some of the techniques of the theater: stage production, voice projection, pantomime, make-up, and performance.

## **WORLD LANGUAGE**

### **CHINESE I (VIRTUAL) (PENDING APPROVAL)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** Fulfillment of WL graduation credit

This course is designed for students who have already met their WL requirement and are interested in broadening their WL Proficiency. This course will be completed entirely online. Students will work independently to learn basic communication skills in Mandarin Chinese. Novice level of reading and writing skills will be included.

### **AMERICAN SIGN LANGUAGE I (PENDING APPROVAL)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

This introductory course is designed for students who have little or no previous study of American Sign Language. The focus of the class will be on expressive and receptive American Sign Language, fingerspelling, and the culture of the Deaf community. Students will practice visual comprehension and signing. This course requires active participation. **Students needing multiple years of the same world language class (for college) should take French, German, Latin, Spanish or Hispanohablantes.**

## **FRENCH**

### **FRENCH BASICS (B)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

This course is designed for students who would have difficulty succeeding in the CP French I course. Students who experience difficulty in reading comprehension or in writing should take this course. It will expose students to authentic French language and culture. The main emphasis will be on developing students' oral proficiency at the Novice-Mid level.

### **FRENCH I (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

Students will study French through 4 thematic units: Welcome Back to School; My Life After School; My House My World; and All Around the Town. They will begin to develop their ability to understand spoken and written French when viewing videos and listening to the spoken language as well as through reading the language. They will develop interpersonal skills by writing and speaking with their peers and with the teacher. Finally, they will present, orally and/or in writing, information, concepts and ideas to their classmates and teacher. Although it is not a pre-requisite, students who take Fundamentals of French in Middle School should take this course.

### **FRENCH II (HN, CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** French I. HN level requires teacher recommendation.

Students in this course will continue their study of French through 4 thematic units. Students in the Honors course will study units on shopping, travel, entertainment and history. Students in the CP course will study similar units on shopping, travel, and entertainment as well as units on the environment and conservation. The honors course will develop students' proficiency from the Intermediate-Low level to the Intermediate-Mid level. The class is conducted in French and students are expected to use the language orally in class. Students wishing to move from CPI to HNII must have a teacher recommendation.

### **FRENCH III (HN, CP)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** French II. HN level requires teacher recommendation

In this accelerated course, instruction is in French and students are expected to use the language daily. The goal of the honors course is to develop students' proficiency within the Intermediate-Mid level. Proficiency development in the CP course is at the Intermediate-Low level. Students in the honors level will begin to read novels in French this year with guidance, including *Petit Nicolas*. Students will study units on daily routines, health and nutrition, art and music. They will learn about Francophone culture and compare Francophone and American perspectives. Students who complete CP III may take HN III with a teacher recommendation and demonstrated proficiency at or beyond the Intermediate-Low level. **The honors level will be offered as Dual Credit through ACCC.** College credits earned may be transferable to other colleges and institutions.

## **FRENCH IV (HN)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** HN French III, teacher recommendation

This is a communicative course for students wishing to develop their proficiency in French at the Intermediate-Mid/High level. The three modes of communication (Interpretive, Interpersonal, Presentational) and the study of the products, practices and perspectives of French-speaking people are integral parts of the course. Students analyze, reflect on, and discuss contemporary issues such as personal and public identity, the influence of media, concepts of justice, human rights, 21<sup>st</sup> century technology, and the fine arts. Students will write emails and essays and will learn about Francophone culture and perspectives through a variety of authentic articles and news sources. Students will also read the French novel, *Le Petit Prince*. The class is conducted entirely in French and students must express themselves in French. This course is mandatory for junior students planning to take the AP French class during their senior year. **This course will be offered as Dual Credit through ACCC.** College credits earned may be transferable to other colleges and institutions. Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the AAPPL at the Intermediate-Mid or better level. ▮

## **FRENCH V (AP)**

**Grade 12**

**5 Credits**

**Pre-requisite:** French IV, teacher recommendation and summer work completion.

The AP French Language and Culture course is designed to promote proficiency in French and to enable students to explore culture in contemporary and historical contexts. The course focuses on interpersonal, interpretive and presentational communication with the goal of developing proficiency at the Intermediate-High or Advanced Low proficiency level. Students will develop their reading, writing, listening and speaking skills while expanding their awareness of the cultural products, practices, and perspectives of the Francophone world. The AP French Language and Culture exam will focus on the following themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. These themes will be heavily integrated into the class to thoroughly prepare students for the exam. In addition to textbooks, materials include websites, podcasts, films, newspapers, magazines, and literature. Students should recognize that successful completion of this course requires significant outside work and diligent class preparation. **Students may be required to take the AP exam.** Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the AAPPL at the Intermediate-Mid or better level.

## **GERMAN**

### **GERMAN I (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

Students in this course will begin their study of German through 4 thematic units: Welcome Back to School; My Life After School; My House & My World and All Around the Town. Students will develop the ability to understand spoken and written German through multimedia materials such as listening and reading activities, speaking and writing prompts, projects and presentations. They will develop Novice-level interpersonal skills by writing and speaking with their peers and with the teacher. Students will study holidays, cultural events and everyday culture of German teenagers. Students are guided to make cultural comparisons between Germany and the United States. Students are required to keep their notebooks and binders for the duration of the course as their primary reference materials. Students will take the AATG National German Exams

### **GERMAN II (HN)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** German I and teacher recommendation

This course refines the skills the students learned in German I and takes the student into the world of a German teenager in four units: Let's Go Shopping, Let's Take a Trip; Entertain Me, and A Slice of History. The goal of this course is to develop students' proficiency at the Novice High level. Spoken German will be used in the classroom. Students will read and listen to various authentic stories, make presentations to the class to develop and demonstrate an understanding and appreciation for culture in Germany, and write journal entries and creative stories in German to expand communication and literacy skills. Culture will include the study of major holidays in Germany, foods, fashion, media, film, music and literature. Multimedia material will be used to generate discussions of cultural comparisons. These will be collected in their binders for use in the next two years. Students will take the AATG National German Exams

### **GERMAN III (HN)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** HN German II, teacher recommendation

The goal of this course is to develop students' proficiency from the Novice High level to the Intermediate Low level. This is done through four units: Childhood Memories, Health and Nutrition, Art and Culture, and A Novel and a Movie. Students' interpretive, interpersonal, and presentational skills will be expanded through daily use of the language and print/online sources. Students will be expected to use German in class. Students are required to do German work at home in preparation for the class. Students will explore German cultural history and a contemporary novel. Students will keep journals in German and create a project to show their language and literacy skills. Students will begin to prepare for the AP Level course. Students are encouraged to participate in the AATG, German Language Day, and various cultural events in the surrounding area.

### **GERMAN IV (AP)**

**Grade 12**

**5 Credits**

**Pre-requisite:** HN German III, teacher recommendation.

This course is designed as a cooperative group-seminar and as preparation for the AP Exam for students who successfully completed HN German III or who demonstrate Intermediate proficiency in oral and written German. The three modes of communication (Interpretive, Interpersonal, Presentational) and the study of the products, practices and perspectives of German-speaking people are integral parts of the course. Students will use the AP Classroom from the College Board as their main source of AP Preparations. Students will read a contemporary novel and discuss the AP Themes presented in the novel. Authentic culturally appropriate films will enhance the learning in class. Students are encouraged to participate in the AATG, German Language Day and attend various cultural events in the surrounding area. Students *may* be required to take the AP exam. Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the AAPPL at the Intermediate-Mid or better level. See page 12 for additional details.

## **LATIN**

### **LATIN I (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite:** None

The study of Latin helps students to think logically and is helpful in career choices such as medicine and law. In this course, students will be introduced to the basic pronunciation, grammar and vocabulary of the Latin language. The conjugation of verbs and the declension of nouns will be studied in contextual situations. In order to make use of the language, some emphasis will be placed on speaking Latin. One of the most useful aspects of the course is the development of English vocabulary from Latin root words. The contributions to and influence of Roman civilization on our modern society and western languages will also be highlighted.

### **LATIN II (HN)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** Latin I

This course will begin with an intensive review of vocabulary and grammar learned in Latin 1, including the six tenses, active and passive. It will cover the four tenses of the subjunctive as well as more complex sentences, such as indirect statement, indirect question, result, relative, and purpose clauses. This course will continue to present Latin mottos, cultural life and mythical and historical personages but in more depth. Students will examine a wide selection of passages from both ancient and medieval authors. This will prepare students for reading ancient authors such as Caesar, Cicero, and Ovid in the third year.

### **LATIN III (HN)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** HN Latin II and teacher recommendation

This course will review all grammatical structures covered in Latin II, with an emphasis on more complex sentence structures, the use of the subjunctive in subordinate clauses, and an introduction to meter. Students will be introduced to some original texts, principally Caesar, but will include other Classical authors such as Cicero or Ovid. The course will cover mythological and historical figures as in Latin I and II, as well as mottos.

## **LATIN IV (AP)**

**Grade: 12**

**5 credits**

**Pre-requisite: HN Latin III and teacher recommendation**

In the fourth year of Latin, students will use the texts Virgil's *Aeneid* and Caesar's *De Bello Gallico* to prepare for the AP Latin exam. Students will study language, culture and history as well as the literature of the *Aeneid* and *De Bello Gallico*. English, as well as Latin writing skills, will be reinforced through an analysis of the historical perspectives, imagery, stylistic devices and meter used in Roman poetry. Listening and speaking skills will continue to be developed. Students are expected to participate in the National Latin Exam, the Medusa Mythology Exam and Certamen, a statewide Latin academic competition. **Students may be required to take the AP exam.** Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the ALIRA at the Intermediate-Mid or better level.

## **SPANISH**

### **SPANISH I (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

Students will study Spanish through 4 thematic units: Welcome Back to School; My Life After School; My House & My World and All Around the Town. They will develop their ability to understand spoken and written Spanish when viewing videos and listening to the spoken language as well as through reading the language. They will develop interpersonal skills by writing and speaking with their peers and with the teacher. Finally, they will present, orally and/or in writing, information, concepts and ideas to their classmates and teacher. Although it is not a pre-requisite, students who take Fundamentals of Spanish in Middle School should take this course.

### **SPANISH BASICS (B)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None**

This course is designed for students who would have difficulty succeeding in the CP Spanish I course. Students who experience difficulty in reading comprehension or in writing should take this course. It will expose students to basic elements of the Spanish language and culture with a main emphasis on developing students' oral proficiency. This course is not intended for Spanish speakers.

### **SPANISH II (HN)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: Completion of HN Spanish I in 8th grade and/or teacher recommendation**

Students in this course will continue their study of Spanish through 4 thematic units: shopping, travel, entertainment and history. The goal is to develop students' proficiency at the Intermediate-Mid level. Additionally, this course incorporates a unit on history taught in Spanish. The class is conducted in Spanish and students are expected to use the language orally in class. Students wishing to move from CP I to HN II must have a teacher recommendation and must be at the Intermediate-Low proficiency level.

### **SPANISH II (CP)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: CP Spanish I**

In this course students will continue developing their skills in Spanish through new thematic units: Let's Go Shopping, Entertainment, Let's Take a Trip, and Ecotourism and Conservation. Students will continue developing their ability to understand spoken and written Spanish as they explore new topics in Spanish. They will write to and speak with their peers and the teacher in Spanish and they will give oral presentations in Spanish. The goal of the course is to help students reach the Intermediate-low proficiency level.

### **SPANISH III (HN)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** HN Spanish II, teacher recommendation.

The goal of this honors course is to develop students' proficiency within the Intermediate-Mid level. In this accelerated course instruction is in Spanish and students are expected to utilize the language daily. Students will begin to read short stories and novels in Spanish this year with guidance. Students will study units on Spanish art, music, health and nutrition. They will begin to learn to critique in Spanish, analyze literary and artistic genres, write creatively, and compare a novel with a film. Students wishing to move from CP II to HN III must have a teacher recommendation, must complete summer work, and must demonstrate proficiency at the Intermediate-Low level. **This course will be offered as Dual Credit through ACCC.** College credits earned may be transferable to other colleges and institutions.

### **SPANISH III (CP)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite:** CP Spanish II

This Spanish course will focus on developing students' proficiency through four thematic units: Daily Routines, When We Were Little, and Once Upon a Time. The main objective of the course is to develop students' proficiency within the Intermediate-Low level. Students' interpretive, interpersonal, and presentational skills will be expanded through daily use of the language and multi-media components. Students are expected to use the Spanish language in class.

### **SPANISH IV (HN)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** HN Spanish III, teacher recommendation.

This is a communicative course for students wishing to develop their proficiency in Spanish at the Intermediate mid/high level. The three modes of communication (Interpretive, Interpersonal, Presentational) and the study of the cultures of Spanish-speaking people are integral parts of the course. Students will learn to interpret key information from authentic conversations and informational texts. They will develop their ability to exchange information and ideas and to present information in Spanish. Instruction is in Spanish and students are expected to utilize the language daily. This course is mandatory for junior students planning to take the AP Spanish Language class during their senior year. **This course will be offered as Dual Credit through ACCC.** College credits earned may be transferable to other colleges and institutions. Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the AAPPL at the Intermediate-Mid or better level.

### **SPANISH IV (CP)**

**Grades 11-12**

**5 Credits**

**Pre-requisite:** CP Spanish III

The main objective is to develop students' proficiency toward the Intermediate-Mid level. Students' interpretive, interpersonal, and presentational skills will be further expanded through daily use of the language and multi-media components. Students will study four thematic units: Art, Nutrition, Future Goals and Professions, and Music and will have many opportunities to develop their language skills through conversation and writing. Students are expected to use the Spanish language in class. Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the AAPPL at the Intermediate-Mid or better level.

### **SPANISH V (AP)**

**Grade 12**

**5 Credits**

**Pre-requisite:** HN Spanish IV, and teacher recommendation

This course is intended to prepare students for the AP Spanish Language exam through practice and guidance. The course focuses on speaking and writing at an advanced level. It is designed to equip the student with advanced proficiency in listening to, reading, writing, and speaking the Spanish language. Using authentic sources in Spanish and texts to review grammar and vocabulary, the students develop a command of Spanish linguistic skills, including accuracy and fluency, which support communicative ability. They will learn to summarize, and synthesize the main points of spoken and written authentic sources. Students will present in spoken or written form their analyses, reactions, and/or opinions with respect to those main points. The AP Spanish Language exam will focus on the following themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students may be required to take the AP exam. Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the AAPPL at the Intermediate-Mid or better level.

## **SPANISH FOR SPANISH SPEAKERS**

### **ESPAÑOL PARA HISPANOHABLANTES I (CP, HN)**

**Grades 9-10-11-12**

**5 Credits**

**Pre-requisite: None. HN level requires teacher recommendation**

This course is designed for Spanish speaking students. Students will develop their literacy skills through thematic units, such as: Identity, Literary Resources, and History. Students will also study a unit on Financial Literacy in which they will have an opportunity to create a budget. Students will read poetry and both literary/informational texts in Spanish and will develop writing skills at the Intermediate-low/mid proficiency level. Spanish speaking students are encouraged to take this course instead of the traditional course. It is recommended that students have the ability to read some in Spanish.

### **ESPAÑOL PARA HISPANOHABLANTES II (CP, HN)**

**Grades 10-11-12**

**5 Credits**

**Pre-requisite: Hispanohablantes I and teacher recommendation for HN**

This course is designed for Spanish speaking students who have successfully completed Level I. In this second year students will develop their proficiency at the Intermediate-Mid level. Students will learn about modern issues facing Hispanic families in the USA, they will examine various professional life goals and will set goals for themselves, students will develop their literary proficiency through reading Hispanic legends and build on their knowledge of literary genres. More attention is paid to students' written Spanish in this course as students learn to refine their writing skills.

### **ESPAÑOL PARA HISPANOHABLANTES III (CP, HN)**

**Grades: 11-12**

**5 Credits**

**Pre-requisite: Hispanohablantes II and teacher recommendation for HN**

This course will survey literary works in Spanish from Latin America, the Caribbean, and Spain, as well as films from all three regions. In this course students will learn to make literary analyses of the novels and short stories read in class, make cultural analyses of the films watched, and find thematic connections between such literature and cinema. Furthermore, the course will discuss the Hispanic/Latino culture, its relevant issues, and its impact on North American culture. Students will develop their critical thinking skills and writing in Spanish. Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the AAPPL at the Intermediate-Mid or better level. The HN course will be offered as Dual Credit through Stockton University

### **AP SPANISH LITERATURE (AP)**

**Grade 12**

**5 Credits**

**Pre-requisite: HN Hispanohablantes III and teacher recommendation**

This course is designed for students who successfully completed Hispanohablantes III or AP Spanish Language. The course is designed to prepare students for the AP Spanish Literature test. The course provides students with a learning experience equivalent to that of a third-year college course in Peninsular and Latin American literature. The reading list includes works from the Medieval and Golden Age as well as the 19<sup>th</sup> and 20<sup>th</sup> Centuries. The readings introduce students to the diverse literature written in Spanish and help them reflect on the many voices and cultures they will learn about. The course will expose students to a wide variety of genres and types of discourse and will enable students to trace the history of Spanish prose from Don Juan Manuel to modern times through some of its most brilliant practitioners. **Students may be required to take the AP exam.** Seniors are eligible to graduate with the Seal of Biliteracy upon successful completion of the AAPPL at the Intermediate-Mid or better level.

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