

Ewing High School Program Of Studies 2026-2027



EWING HIGH SCHOOL
900 Parkway Avenue
Ewing, NJ 08618
609-538-9800

Program of Studies
2026 – 2027

EWING PUBLIC SCHOOLS ADMINISTRATION

Superintendent of Schools	<i>Dr. David Gentile</i>
Assistant Superintendent of Schools	<i>Dr. Trisha Bogusz</i>
Business Administrator/Board Secretary	<i>Mr. Dennis Nettleton</i>
Director of Elementary Education and Assessment	<i>Mrs. Kelly Kawalek</i>
Director of Special Services/Grant Management/Innovation	<i>Mrs. Maria Petos</i>

EWING HIGH SCHOOL ADMINISTRATION

Principal	<i>Ms. Lisa Sabo</i>
Assistant Principal	<i>Ms. Shalieka Jarrett</i>
Assistant Principal	<i>Mrs. Lisa Lenihan</i>
Dean of Students	<i>Mr. Greg Coward</i>
Dean of Students	<i>Mr. David Sheffel</i>

SUPERVISORS

Business, Family & Consumer Science 9-12	<i>Ms. Shalieka Jarrett</i>
English/Language Arts Literacy, & ESL K-12	<i>Ms. Sara Graja</i>
Health/Physical Education & Athletic Director K-12	<i>Ms. Christina Monaco Caldwell</i>
Mathematics and Science K-12	<i>Mr. Donald Wahlers</i>
Social Studies, World Language, Music & Art K-12	<i>Mr. Brock Mislán</i>
Special Education, 6-12 Programs	<i>Ms. Shanté Middleton</i>

EWING HIGH SCHOOL COUNSELORS

Ms. Iné Collins
Mr. Cooper Csillan
Ms. Trish Krajunus
Ms. Michelle Mattonelli
Mr. Nicholas Moran
Ms. Leena Fadel- SAC (Student Assistance Counselor)

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GENERAL CURRICULUM INFORMATION

Goals and Philosophy: Ewing High School is an institution dedicated to the proposition that all students will be provided an equal educational opportunity regardless of race, color, creed, religion, sex, national origin, or socioeconomic background. To the greatest degree possible, students will be challenged to achieve their maximum potential. Our school community is a microcosm of our nation in the sense that it reflects the diversity of cultures, religions, philosophies, and lifestyles found across the United States. Students will have the opportunity to appreciate the value of this diversity and become socially responsive in our democratic society. The goal of the Ewing High School faculty is to assist every student in becoming a valued member of society. Therefore, we will prepare students to be effective communicators, critical thinkers, and self-directed problem solvers. At the same time, students will have the opportunity to be prepared for success after high school in college and/or careers.

Our teachers are not only devoted to discovering and developing students' talents, skills, and abilities, they are also innovative in creating opportunities for students to take advantage of the intellectual and personal possibilities provided through the curricular and extracurricular programs offered at Ewing High School. Students may participate in school government, recreational or athletic teams, clubs, musicals and dramas, artistic performances, journalism publications, or service organizations.

Considering the increasing technological complexity of our world, Ewing High School includes computer labs, as well as mobile computer services for classrooms and a high-tech media center. The curriculum is revised to meet the demands of State and national content standards, and the teachers have been prepared to infuse technology into their instruction. The dedication of the faculty and the richness of the curricular offerings have resulted in graduates who are prepared for success at the country's most prestigious colleges and universities.

Message to Parents: Parents are encouraged to consult with members of the school staff regarding their children's progress. Please email or call to make an appointment during the school day with a teacher, counselor, department supervisor, or administrator. Every effort will be made to ensure that your questions and concerns are addressed in an appropriate and timely fashion.

EWING HIGH SCHOOL COUNSELING SERVICES

Important Points:

- A minimum of two academic subjects are required each semester. Students may not take more than four courses each semester. Study halls are not available.
- Seniors and juniors receive preference when a course is over-enrolled.
- Course selection for the entire year will take place in the 2nd semester of the preceding year.
- Students are expected to graduate in four years.
- Students must take courses in the grade for which they are designated, except in the case of previous failures. Course sequences will not be modified for students who fail.

Our school counselors provide assistance in college and career readiness, social emotional wellness, and academic advising. Each entering student is assigned a counselor, who will remain the same for four years. Counselors provide a wealth of knowledge regarding graduation, college requirements, NCAA eligibility, honor roll, class rank, college applications, and vocational opportunities. Each student is invited to meet as often as needed for conferences, scheduling concerns, academic or social emotional counseling. Students can make an appointment for counseling at any time by stopping at the secretary's desk in the Counseling Office and completing a form. Parents with concerns are encouraged to contact their child's counselor for a telephone conference or to make an appointment for an in-person meeting.

Counselor assignments are by student last name and may be subject to adjustments based on enrollment.

In addition to our traditional school counselor roles, one of our counselors also serves as a Student Assistance Counselor (SAC) and our counseling program works closely with our school-based Available School Youth Support Services Team (ASYSST) program. The SAC meets with students and/or their families to help them deal with drug or alcohol-related problems as well as other issues. The ASYSST program is available to assist students and families with a wide range of services. All information shared is strictly confidential. Both resources are free and available by calling the Counseling Office at 609-538-9800 x 2111.

College admissions representatives from different colleges and universities are invited to the high school to meet with interested students through the Counseling Office. Students may find the listing of upcoming visits through Naviance or at the EHS Counseling Department website ("College Visits, Fairs, Open Houses, & Tours"), EHS bulletin, and PA announcements. Students will need to sign up in Naviance or in person in the Counseling Office. These visits will take place throughout the school year and are on a first come first served basis as seating may be limited.

Daily Schedule: Ewing High School's academic year is on a two-semester basis. Students take four classes in each semester that meet daily for approximately 86 minutes. The instructional day is organized by the Intensive Block Schedule.

Subject Selection: The course selection process is a vitally important first step for students seeking academic success in high school. Students are scheduled for academic classes based on departmental placement criteria. In conjunction with these recommendations, students and parents should make a serious evaluation of academic potential, achievement, and career plans. New Jersey State law prescribes a number of subjects that all students must pass to earn a state-sanctioned high school diploma. Additionally, the Ewing Public Schools require additional credits beyond the state mandate. Appropriate selections of a program of study will solidify the high school experience into an interesting exploration of different content and an effective preparation for postsecondary endeavors. Education is a life-long journey. Students should make good decisions, plan wisely, and take responsibility for their actions at Ewing High School. These steps will prove beneficial to them in preparing for a fulfilling future. **The Student Academic Planner Worksheet** is found at the back of this course catalog and will be of great assistance in selecting courses and planning a four-year program.

PLEASE NOTE THAT COURSES WITH INSUFFICIENT ENROLLMENT MAY NOT BE OFFERED.

Academic Levels: Courses at Ewing High School are grouped as follows:

- **College and Career Prep (CCP):** College and career preparatory courses are intended to develop in students the skill sets and content knowledge needed to pursue a variety of college and career options beyond high school. Students are expected to engage in a rigorous sequence of learning at this level that will develop reasoning and communication skills while learning required content.
- **Honors:** Courses designated as Honors are intended for students who are well above grade level in their academic skills. The homework load, academic environment, and level of difficulty of tests and quizzes are consistent with an accelerated level of course work. Specific departmental placement criteria/prerequisite must be met.
- **Advanced Placement®:** Courses designated as Advanced Placement® * (AP®)/College coursework are intended for the most able and motivated members of the student body. Taught under guidelines established by The College Board, AP® courses are college-level offerings. Students enrolled in AP® courses will be challenged at the highest level of academic difficulty available in a high school setting.
- **College Coursework:** College courses are offered through the dual enrollment programs with Princeton University, The College of New Jersey, Rider University, and Mercer County Community College. Students enrolled in college courses must meet the criteria of the college/university and will be challenged at the highest level of academic difficulty available in a high school setting.

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Courses with Honors and Advanced Placement® designation will be titled as such. All other courses will be considered College and Career Prep courses.

AP Participation and Testing Contract 2026-2027

Taking an Advanced Placement (AP) class provides Ewing High School students an opportunity to experience the rigor of high-level classwork which can earn college credit when the accompanying AP exam is taken and passed. Advanced Placement classes offer students rigorous instruction at a national level while requiring students to meet a higher level of responsibility. Studies have shown that students who take AP classes in high school are far more likely to graduate college within four years precisely because they are better prepared for college level work.

Ewing High School offers the following AP courses to students in 10th, 11th and 12th grades:

AP Studio Art: Drawing Portfolio:	11 th -12 th grade
AP Biology:	11 th -12 th grade
AP Environmental Science:	11 th -12 th grade
AP Calculus AB:	11 th -12 th grade
AP Calculus BC:	11 th -12 th grade
AP Statistics:	11 th -12 th grade
AP Language:	11 th grade
AP Literature:	12 th grade
AP French:	12 th grade
AP Spanish:	12 th grade
AP US History:	11 th -12 th grade
AP World History:	11 th -12 th grade
AP Human Geography:	10 th , 11 th & 12 th grade
AP US Government & Politics:	10 th , 11 th , & 12 th grade
AP Computer Science Principles:	9 th , 10 th , 11 th , & 12 th grade

All Ewing High students who enroll in AP classes are required to read and sign the following contract to ensure they understand that:

- *AP classes require a semester-long commitment to the course; **schedule changes will not be considered after the first quarter***
- *All students will take the corresponding AP exam for each of their AP courses in May 2027*
- *If a final grade of 60 or higher is earned, students will earn a credit weighting of 1.5 toward their GPA*

Special Considerations in addition to those shown above for AP Studio Art: Drawing Portfolio

- Creation and submission of a combined physical and digital portfolio that will be submitted as part of the exam commitment.

Exam Ordering:

- The ordering deadline for AP exams is in the fall. **Therefore, there can be NO AP DROPS/ADDS after October 1, 2026.**
- At this time, AP exams are expected to cost \$98 per exam; Ewing High School is able to pay this fee for all students, HOWEVER, if changes to a student's exam order are required after the November 13 deadline, the student/their family will be responsible for paying the \$40 late fee.
- **Students who don't show up to take their exam(s) will be charged a \$40 unused exam fee.**
 - Late testing is available depending on the reason for missing the exam – you must contact your AP Teacher(s) and the AP Coordinator immediately if a conflict arises.

- Digital access: all students will need to be sure they can access their College Board account and must complete a simple online enrollment process that will provide access to classroom resources and information necessary for exam registration in addition to joining the Ewing AP Google Classroom.

AP Participation and Testing Contract 2026-2027 – Signature Page

I have read the AP course description or course syllabus and understand the commitment required of my student. I am willing to support my child as he/she pursues this rigorous course of study. I also understand that my AP student is expected to take the AP exam(s) they are registered for.

I understand that I am expected to work with my counselor and my AP teacher(s) to ensure my success in this/these class(es).

I understand that I can NOT drop my AP course(s) after October 1, 2026. I understand that there are no exceptions to this rule. **If there are extreme circumstances or a failure to show up for the AP exam that will incur College Board's \$40 late/unused exam fee, I understand that I/my family are responsible for paying it.**

Participating students will be required to sign and return a signature page to the Ewing Counseling Office.



CAREER & TECHNICAL EDUCATION (CTE)

NJ Department of Education CTE Program Information

The Carl D. Perkins Career and Technical Education Act: Perkins 135(b) 1-9 requires states to create sequences of academic and technical education coursework to help students attain a postsecondary degree or industry-recognized license or certificate. CTE programs must provide a curriculum for the approved CTE courses to ensure that it will meet appropriate industry-recognized and/or state or nationally recognized skill standards as well as the New Jersey Student Learning Standards.

CTE programs are designed to offer high school students the opportunity to learn valuable skills, gain job experience and support from participating mentors, and complete coursework to graduate with a high school diploma and the ability to pursue additional training after high school, enter an apprenticeship program or join the work force with the ability to become licensed or receive a certificate to work.

All students should consider taking CTE courses no matter their background and future plans after high school as they can benefit from an enriched educational experience through the CTE courses. The practical training and technical subject matter can further prepare students who are college bound or plan to work full time after high school. The CTE courses can even introduce new avenues and opportunities for students to explore different career paths. Students taking CTE courses are apt to develop employability skills, problem solving skills, project completion, communication skills, time management and critical thinking skills.

Career and Technical Education at Ewing High School

Currently, Ewing High School offers a CTE pathway program in the Family & Consumer Science Department.

[Family & Consumer Science](#)

Career Cluster: Hospitality & Tourism

Career Pathway: Culinary Arts

* Culinary Arts Career Pathway Sequence

- *Culinary Arts I*
- *Culinary Arts II*
- *Culinary Arts III*

EHS GRADING SYSTEM

Grading: Each semester is divided into four quarters, two quarters equaling a term. **Report cards are issued at the end of each semester and will be available online in Genesis within ten working days of the semester's end.** Grades are posted to Genesis, and the Genesis Parent Portal is available to view your child's grades and attendance throughout each semester. **The minimum passing grade is 60.** Students receive a numerical average in each course based on the following scale:

90	to	100	Excellent
80	to	89	Good
70	to	79	Fair
60	to	69	Poor but Passing
59	and below		Failure of the course, no credit

Since 2017-2018, Ewing High School adopted the following grading system:

- **Semester courses:** Term 1 (45%) + Term 2 (45%) + Final Exam (10%) = Final Grade (Semester 1)
Term 3 (45%) + Term 4 (45%) + Final Exam (10%) = Final Grade (Semester 2)
- **Full year courses:** Term 1 (22.5%) + Term 2 (22.5%) + Midterm Exam (5%) +
(meeting daily) Term 3 (22.5%) + Term 4 (22.5%) + Final Exam (5%) = Final Grade

Refusal to Work Policy: The following policy may be activated after the first quarter of each semester:

- The teacher discusses the reasons for refusal to work with the student.
- The parent is notified.
- The student's school counselor arranges for a parent conference with the student, a parent/guardian, the teacher, the school counselor, and possibly the principal or an assistant principal. An agreed-upon plan of action is implemented to enable the student to improve in the class. Refusal to work is defined as:
 - Incomplete homework/class work
 - Failure to make up work when absent from class
 - Lack of participation in-class activities
 - Incomplete tests

Policy for Schedule Changes: Students are expected to give careful consideration to the courses chosen during the course planning meeting. Withdrawing from a course is strongly discouraged, as it may adversely affect class sizes and course enrollment. A course drop/add request should only be pursued under extraordinary circumstances. A request may be rejected if the deadline for withdrawal passed, a section is filled, sections become significantly unbalanced, or the course is required for graduation.

Schedule Change Deadlines: No schedule changes will be made after the first 7 days of the semester.

Class Withdrawal: Students who change a class after one full quarter will have this reflected on their transcript as a WF (withdraw failure) or WP (withdraw pass) as their final grade. Credits may not be earned for a course that is not completed and full credit may not be awarded for courses that a student joins after the first 7 days of the semester.

Exams: All full year courses will give a midterm exam and all students must take a final exam in each course. Final exam grades constitute 10% (one tenth) of the final course average. Report cards for the end of each semester include the final exam grade and the final course grade. Any student who refuses to take a final exam will receive a zero (0) as a grade for the exam. For full year courses, the mid-term exam will count as 5% (one twentieth) and the final exam will count as 5% (one twentieth) of the final grade.

Make-Up Final Exams: If a student has a verifiable and administratively approved reason, he/she must miss a final exam, the student should notify his/her teacher(s) (who will then notify their respective supervisor), their school counselor, and their assistant principal. First semester make-up final exams for students on OSS, or absence with a doctor's note will be scheduled for a specific day and will be announced to all students.

Senior Final Exam Exemption (per District Regulation 2624 – Grading System, High School Grading):

"All students will take a final exam in every course. Exceptions are seniors who maintain a 90 or higher in any 1st or 2nd semester course will not be required to take a final exam. Their final exam grade will be the average of the semester's four quarters."

GPA/Credit: GPA/credit is based on the course level in which the final exam was taken (i.e. a student has Quarter 1 and Quarter 2 in Honors level, but changes to the College and Career Prep (CCP) level of the same course, after Quarter 2. He/she finishes the course in a CCP level and takes the CCP level final exam.).

Summer School: Students may make up for credit deficiencies by enrolling in an **approved** summer school program, including virtual high school. All summer school program coursework must be approved in advance by the school counselor and Director of Counseling and Assessment in order to receive credit. Ewing High School does not accept credit for courses taught by a private tutor.

Early Graduation: Parents/Guardians of a student seeking early graduation may initiate a written request for special consideration. The written request by the student's parents/guardian must be filed in the Counseling Office before March 15 of the student's sophomore year for consideration for the following year. The request must include the reasons for the student's plan for fulfilling graduation requirements. A meeting with the student's school counselor must follow this request. The Director of Counseling and Assessment and the Principal will review and either approve or deny the request.

Class Rank: Class rank will be reported on transcripts by decile percentage (i.e. 10%, 20%, 30%, etc.) for students in grades nine through twelve. All subjects taken for credit are incorporated into the GPA calculation and impact where students are in the decile rank. There are three levels of courses currently used for ranking purposes: AP[®]/College Course, Honors, and College and Career Prep (CCP). The GPA calculation is determined on a standard GPA scale where each percentage grade is converted, point-by-point, to an equivalent conventional GPA. A 60 in a College and Career Prep course will be a 1.5 and a 100 in an Honors class a 5.00. Converted grade points are then multiplied by credits in each course for quality points. Earned points for each course are totaled and divided by the number of credits attempted. Individual (numerical order) class rank will still be calculated and used only to determine valedictorian, salutatorian, Top 10 students and be available for scholarships and other honors as needed. All students shall be ranked together. **The conversion chart to determine quality points is on Page 12.**

Valedictorian/Salutatorian: The Valedictorian is the highest ranking student in the graduating class and the Salutatorian is the second highest ranking student in the graduating class. Both must have been students at Ewing High School for a minimum of 2 years and must carry at least 40 credits per year. Rank is calculated based on seven semesters.

GRADUATION REQUIREMENTS

NEW JERSEY HIGH SCHOOL GRADUATION ASSESSMENT REQUIREMENTS

As of December 2025, the state assessment graduation requirements have not been released by NJDOE. Any updates will be made to the PDF copy on the EHS Counseling website.

The Classes of 2025 and 2026

The amended Consent Order establishes the following pathways for the Classes of 2025 and 2026 to meet the high school assessment graduation requirements in both English Language Arts/Literacy (ELA) and mathematics:

CLASSES of 2025 and 2026

NJDOE GRADUATION ASSESSMENT MINIMUM REQUIREMENTS IN ORDER TO RECEIVE A HIGH SCHOOL DIPLOMA

This document reflects the high school graduation assessment requirements for the Classes of 2025 and 2026 adopted by the New Jersey State Board of Education on September 8, 2021 for the classes of 2025-2026. Class of 2027 requirements will be updated online when NJDOE publishes these.

<u>PATHWAYS AVAILABLE</u>	<u>ENGLISH LANGUAGE ARTS/LITERACY (ELA)</u>	<u>MATHEMATICS</u>
<p>First Pathway: Demonstrate proficiency in grade 11 on the New Jersey Graduation Proficiency Assessment (NJGPA) which includes content aligned to the grade 10 NJSLS in ELA, and the NJSLS in Algebra 1 and Geometry</p>	<p>NJGPA – ELA Grade 11 ≥ 750</p>	<p>NJGPA – MATH Grade 11 ≥ 750</p>
<p>Second Pathway: Demonstrate proficiency in English language arts and/or mathematics by meeting the designated cut score on one of the alternative assessments. This pathway is only available to students who completed the NJGPA in grade 11.</p>	<p>SAT Evidenced-Based Reading and Writing Section ≥ 450, <i>or</i> SAT Reading Test ≥ 23, <i>or</i> ACT Reading or ACT PLAN Reading¹ ≥ 17, <i>or</i> Accuplacer WritePlacer² ≥ 5, <i>or</i> Accuplacer WritePlacer² ESL ≥ 4, <i>or</i> PSAT10 Reading or PSAT/NMSQT Reading ≥ 21, <i>or</i> ACT Aspire Reading¹ ≥ 422, <i>or</i></p>	<p>SAT Math Section ≥ 440, <i>or</i> SAT Math Test ≥ 22, <i>or</i> ACT ≥ 17, <i>or</i> Accuplacer Elementary Algebra² ≥ 76, <i>or</i> Next-Generation ACCUPLACER Quantitative, Reasoning, Algebra, and Statistics (QAS) (beginning January 2019)² ≥ 250, <i>or</i> PSAT10 Math or PSAT/NMSQT Math ≥ 21, <i>or</i> ACT Aspire Math¹ ≥ 422, <i>or</i></p>
<p>Third Pathway: Demonstrate proficiency in English language arts and/or mathematics through NJDOE Portfolio Appeals. This pathway is only available to students who completed the NJGPA in grade 11.</p>	<p>Meet the criteria of the NJDOE Portfolio Appeal for ELA</p>	<p>Meet the criteria of the NJDOE Portfolio Appeal for Math</p>

Note: Special Education students, whose Individualized Education Plans (IEPs) specify an alternative way to demonstrate proficiencies, are required to take the NJGPA will follow graduation assessment requirements set forth in their IEPs.

PLANNING A COURSE OF STUDY

The Ewing Board of Education requires completion of the following subjects/credits for high school graduation:

SUBJECT – AREA	CREDITS
English/Language Arts	20
Mathematics (Algebra I, Geometry and a 3rd year of math) *	15
Social Studies (World History, US History I, US History II)	15
Science	15
Health & Physical Education (5 credits during each year of enrollment)	20
Visual & Performing Arts	5
Career/Consumer Education, Family/Life Skills or Vo-Tech Education	5
Financial Literacy/Consumer Education	5
World Language	5

Note: * When a student successfully completes Algebra I in Grade 8, the student will take Geometry, Algebra II, and a third approved math course while at EHS in order to meet the 15 credit mathematics requirement.

Classification of Grade Level: Classification of grade level will be established annually, in September, based on the number of credits earned. The criteria are as follows:

Grade	Credits
9	0-34 credits
10	35-69 credits
11	70-99 credits
12	100+

Promotion/Retention for High School (9-12): A pupil will be promoted to the next grade when he or she has completed, in the current school year, the number of credits required for that grade as indicated above. The graduation requirement for the class of 2027 will be 140 credits and passing the NJGPA or a second pathway assessment.

Procedures for Remediation for Promotion for High School (9-12) – Summer/Virtual School or for additional Virtual School courses taken during the school year with approval by administration:

- Summer/Virtual School, or for additional courses taken during the school year (with approval by Administration), the grade earned in credit recovery will be added onto the student’s transcript under the school year that the course was taken and completed. The original grade or NCA (No Credit Attendance) will remain on the transcript in the school year where the original course was taken.
- An earned grade from an original credit, full virtual course will be accepted as reported and added onto the transcript in the school year that the course was taken.

QUALITY GRADE POINTS – CONVERSION CHART

GRADE	CCP	HONORS	AP®/COLLEGE
100	4.5	5	5.5
99	4.425	4.925	5.425
98	4.35	4.85	5.35
97	4.275	4.775	5.275
96	4.2	4.7	5.2
95	4.125	4.625	5.125
94	4.05	4.55	5.05
93	3.975	4.475	4.975
92	3.9	4.4	4.9
91	3.825	4.325	4.825
90	3.75	4.25	4.75
89	3.675	4.175	4.675
88	3.6	4.1	4.6
87	3.525	4.025	4.525
86	3.45	3.95	4.45
85	3.375	3.875	4.375
84	3.3	3.8	4.3
83	3.225	3.725	4.225
82	3.15	3.65	4.15
81	3.075	3.575	4.075
80	3	3.5	4
79	2.925	3.425	3.925
78	2.85	3.35	3.85
77	2.775	3.275	3.775
76	2.7	3.2	3.7
75	2.625	3.125	3.625
74	2.55	3.05	3.55
73	2.475	2.975	3.475
72	2.4	2.9	3.4
71	2.325	2.825	3.325
70	2.25	2.75	3.25
69	2.175	2.675	3.175
68	2.1	2.6	3.1
67	2.025	2.525	3.025
66	1.95	2.45	2.95
65	1.875	2.375	2.875
64	1.8	2.3	2.8
63	1.725	2.225	2.725
62	1.65	2.15	2.65
61	1.575	2.075	2.575
60	1.5	2	2.5
0-59	0	0	0

BUSINESS EDUCATION DEPARTMENT

All courses listed are considered College and Career Preparatory unless otherwise noted.

Whether choosing courses for career preparation or personal fulfillment, students taking courses in the Business Education Department are provided extensive opportunities for realistic learning. After studying business, students are well prepared for the demands of a rigorous college curriculum and/or the increasingly competitive workplace. Business courses are instructed with a focus on college and career readiness.

Courses indicated with an ^ meet the minimum graduation requirement of 5 credits for Career Education.

BU123 Business of Sports and Entertainment ^
5 credits Grades: 9-12
Prerequisite: None

This course introduces students to the principles of business and management within the sports and entertainment industry. Students will explore how sports and entertainment organizations operate, including management roles, organizational structures, and key business functions. The course emphasizes real-world applications, helping students understand how to manage teams, events, and sports-related/entertainment-related businesses. Students will also examine technology in sports and entertainment, diversity in the workplace, international competition, and the connection between sports and entertainment organizations and society. In addition, this course provides a foundation for those interested in pursuing careers in sports management, event planning, entertainment management, or owning a sports/entertainment-related business.

BU111 Principles of Marketing ^
5 credits Grades: 9-12
Prerequisite: None

Principles of Marketing introduces students to the foundations and functions needed to successfully market goods, services and ideas to consumers. While students study business foundations, economics, selling, human relations, communications, logistics, promotion, product planning, and pricing, they will also see marketing as a career choice from a "big picture" perspective. In addition to the development of a marketing plan, students will plan, create and produce advertising campaigns which will include all major media; including television, print and digital/social channels. Sports and entertainment marketing will also be examined over the course of the year.

BU221 Entrepreneurship I: Foundations of Business Operations ^
5 Credits Grades: 10-12
Prerequisite: Minimum grade of 75 in Business of Sports and Entertainment, Principles of Marketing, Accounting I, Computer Applications for Work and Career

Students explore the world of business by running their own virtual company. In the process, they assume key roles in marketing, finance, human resources, and management, designing business plans, developing products, and creating marketing campaigns. Through hands-on projects and competitions to showcase their ideas and strategies, students build teamwork, communication, problem-solving, and leadership skills while gaining real-world experience in entrepreneurship and business decision-making.

BU311 Entrepreneurship II: Business Operations ^
5 Credits Grades: 10-12
Prerequisites: Minimum grade of 75 in Entrepreneurship I: Foundations of Business Operations

Building on Entrepreneurship I, students delve deeper into advanced business operations, financial management, and career readiness. They refine marketing strategies, manage budgets, and develop professional skills like resumes, job applications, and effective workplace communication. Entrepreneurship II culminates in a field trip to the Virtual Enterprise International (VEI) Trade Show, where students present their virtual companies and compete to demonstrate their strategies and innovation alongside fellow student entrepreneurs.

BU211 **Accounting I ^**
5 credits Grades: 10-12
Prerequisite:

Designed to provide the student with a clear understanding of how to analyze, evaluate, and interpret the effects of business transactions for a proprietorship, partnership and corporation, Accounting I provides students with the opportunity to complete the accounting cycle for a service and merchandising business. Used to communicate financial information, accounting is known as the language of business. This course is an invaluable aid in developing a sound business foundation. Knowledge of accounting can also contribute to an ability to earn a living, understand business activities, and gain competency in managing personal finances.

BU310 **Accounting II Honors ^**
5 credits Grades: 11-12
Prerequisite: Minimum grade of 85 in Accounting I

This in-depth, advanced course expands on topics learned in Accounting I while adding new topics about "payroll accounting, uncollectible accounts, inventory, and financial statement analysis. Spreadsheet software will be used. In addition, students will complete the accounting cycle for a corporation with an end of course simulation. Students planning to further their study of business will find this course invaluable. The study of a second year of accounting will provide an excellent background and preparation for college business and accounting courses.

BU242 **Financial Literacy/Consumer Education**
2.5 Credits Grades: 10-12
Prerequisite: None

Financial Literacy/Consumer Education is designed to assist students acquire the educational understanding of various financial areas related to effectively managing one's personal finances. Students will assume the role of consumers and engage in a wide array of experiences to make appropriate decisions about personal finances such as income and employee benefits, establishing a budget, checking and savings accounts, investing, paying for college, the pitfalls related to credit, and tax planning. This course meets New Jersey's State Financial Literacy requirement of 2.5 credits for graduation.

BU410 **Computer Applications for Work and Careers**
5 credits Grades 9-12
Prerequisite: None

This course introduces students to essential technology applications used in the workplace and for career preparation. Students will gain hands-on experience with Google Docs, Sheets, Slides, web development tools, and digital marketing software to create professional materials and complete real-world projects.

Through practical projects, students will develop skills in technology, research, communication, problem-solving, and critical thinking while exploring a variety of careers. Culminating simulation projects allow students to apply their knowledge in realistic work scenarios. The skills learned in this course provide a strong foundation for success in high school, college, and future careers.

ENGLISH DEPARTMENT

The English Department seeks to create lifelong readers and writers. To accomplish these goals, a variety of courses are offered that stresses reading and writing. Various genres are used as springboards for students to utilize their critical and creative thinking skills. A wide range of electives is offered to supplement the required courses.

To graduate from Ewing High School, students must pass four required English courses and demonstrate proficiency on a high school English assessment as required by the New Jersey Department of Education.

Course levels in English include College and Career Prep (CCP), Honors, and Advanced Placement. Regardless of the level of study of the course, homework and high academic standards will be encountered. For students needing additional assistance with the state assessment (i.e., NJSLA, End-of-Course exams), the department offers Real World Writing as well as Foundations of English. Honors and Advanced Placement study are reserved for the most able and motivated members of the student body. These courses are marked by daily and substantial reading assignments, as well as rigorous and challenging written work. To remain in good standing, students must maintain a minimum grade of 80 in Honors/AP work.

Students are encouraged to read often and widely. This will equip students with what may arguably be the most important skill needed to compete for the best jobs and the best colleges. Reading will also foster a life-long hobby that will be a constant source of amusement and education.

- *Courses indicated with an * count toward the minimum graduation requirement of 20 English credits.*
- *Courses indicated with an ^ meet the minimum graduation requirement of 5 credits for Career Education*

EN101 English I CCP (Introduction to Literature and Composition) *

5 credits

Grade: 9

Prerequisite: Successful completion of 8th grade English Language Arts

English I College and Career Prep is an introduction to literature and places emphasis on reading comprehension as well as composition, mechanics, spelling, and vocabulary. The study of literature concentrates on reading novels as well as short stories, epics, works of nonfiction, drama, and poetry. Other activities include informational reading, research writing, creative writing, developing vocabulary skills, and public speaking. Students must participate in the 9th Grade ELA state assessment.

EN100 English I Honors (Introduction to Literature and Composition) *

5 credits

Grade: 9

Prerequisite: Minimum grade of 75 in Humanities or 85 in 8th grade English Language Arts

This course is designed to challenge students to critically analyze and discuss literature; the course also focuses on developing many types of written expression. Emphasis is placed on developing research skills; a review of composition, grammar, and reading skills will also be conducted. Reading assignments, homework requirements, and essay and test expectations are all at an accelerated level and pace. Students must participate in the 9th Grade ELA state assessment

EN201 English II CCP (Themes in Literature and Composition) *

5 credits

Grade: 10

Prerequisite: Successful completion of English I

English II concentrates on continued development of reading and writing skills. Included in this is a thematic approach to literature, a variety of writing tasks, a number of speaking opportunities, and further development of research skills, grammar, and vocabulary. Works included in literary analysis are those written by Shakespeare and George Orwell, among others. Students must participate in the 10th Grade ELA state assessment.

EN200 English II Honors (Themes in Literature and Composition) *

5 credits

Grade: 10

Prerequisite: Minimum grade of 75 in English I Honors or 85 in English I CCP

The Honors sequence of courses is designed to challenge students who possess excellent English Language Arts skills. Literature will feature the critical analysis of a variety of contemporary multicultural and classical works, including Shakespeare and Orwell. In addition, this course will

stress expository and creative writing, as well as research. Writing, grammar and vocabulary skills will be emphasized. Students must participate in the 10th Grade ELA state assessment.

EN301 English III CCP* (American Literature and Composition)

5 credits

Grade: 11

Prerequisite: Successful completion of English II

English III includes a study of American literature from the Colonial Period to the 1950s and traces the evolution of the unique ideas and forces that influence American life today. Also included are vocabulary study, grammar instruction, oral presentation, and written composition. This course includes the study of prominent essayists, poets, playwrights, novelists, and short story writers ranging from Ernest Hemingway to Maya Angelou. Students must participate in the 11th Grade ELA state assessment.

EN300 English III Honors * (American Literature and Composition)

5 credits

Grade: 11

Prerequisite: Minimum grade of 75 in English II Honors or 85 in English II CCP

English III Honors will survey a very challenging selection of American literature ranging from the Colonial period to the 1950s. Emphasis will be placed on literary criticism by both scholars and students from a variety of literary eras. Students will study creative parodies, skits, and various prose and verse forms and will practice oral and written expression in this class. Students must participate in the 11th Grade ELA state assessment.

EN404 English Language and Composition AP® *

5 credits

Grade: 11

Prerequisite: Minimum grade of 80 in English II Honors or 90 in English II CCP (and/or recommendation from The College Board as having "potential to succeed in this AP® course and corresponding AP® exam" based upon PSAT results) (Semester 1 only)

AP® English is reserved for the most able and motivated members of the junior class. AP® Language and Composition aligns to the introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages and drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in nonfiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students must participate in the 11th Grade ELA state assessment. **Additionally, taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test**

EN401 English IV CCP*

5 credits

Grade: 12

Prerequisite: Successful completion of English III

This course is designed to introduce students to social justice issues and assist them in discovering their ability to create positive change in their own world. Students will critically analyze various social movements related to race, ethnicity, gender, sexual orientation, and class. Students will also explore and discuss how these concepts influence human understanding, relationships, and behavior for centuries. Students will understand how individuals operate within community contexts created through interactions and relationships structured by sociability, belonging, and responsibility. This course will encourage students to think critically and expansively about the social world and the conditions of humanity. By exploring social justice issues and remedies, students will thereby develop the necessary analytical tools and information to identify inequality and injustice while addressing historical and contemporary issues relevant to students' present day lives.

EN400 English IV Honors*

5 credits

Grade: 12

Prerequisite: Minimum grade of 75 in English III Honors or 85 in English III CCP

This course is designed to introduce students to social justice issues and assist them in discovering their ability to create positive change in their own world. Students will critically analyze various social

movements related to race, ethnicity, gender, sexual orientation, and class. Students will also explore and discuss how these concepts influence human understanding, relationships, and behavior for centuries. Students will understand how individuals operate within community contexts created through interactions and relationships structured by sociability, belonging, and responsibility. This course will encourage students to think critically and expansively about the social world and the conditions of humanity. By exploring social justice issues and remedies, students will thereby develop the necessary analytical tools and information to identify inequality and injustice while addressing historical and contemporary issues relevant to students' present day lives. Honors differentiation will include in depth analysis of texts, literary criticism by both scholars and students, research and writing for different purposes.

EN404

5 credits

Prerequisite:

English Literature and Composition AP® *

Grade: 12

Minimum grade of 80 in English III Honors or a minimum grade of 80 in AP® English Language Composition (Semester 1 only)

AP® English is reserved for the most able and motivated members of the senior class. Taught according to guidelines established by the College Board, it is a college-level course; the workload is collegiate. The course engages students in the close reading and critical analysis of 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 of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

Taking the end of course AP Test is a requirement for enrollment in an AP course. There will be no cost to students to take the AP test.

EN111

5 credits

Prerequisite:

Drama through Literature

Grades: 9-12

None

Anyone with a flair for acting and related performing arts will enjoy this course. In addition to studying the history of theater plus reading and interpreting significant modern plays, students will learn and practice the basic elements of acting and stage production. Participation (either performing or helping "backstage") in a classroom workshop setting will be required. Also included will be opportunities for creative writing, pantomime, and improvisation.

EN121

5 credits

Prerequisite:

Journalism and Digital Media ^

Grades: 9-12

None

Throughout this course of study, students will learn and practice major elements of responsible journalism. Skills will include interviewing, writing articles, developing headlines, and creating editorials, plus explaining the concepts of page design, layout, editing, and cartooning. Everyone will experience the variety of skills needed to create an impressive newspaper, and students will work together to create the Ewing High School student newspaper which is distributed to the entire student body.

EN131

5 credits

Prerequisite:

African American Experience in Literature ^

Grades: 9-12

None

The rich literary heritage of African American literature will be the focus of study in this course. Materials from the distant past to those of the present will explore the life experiences of African American artists. All literary genres, from poetry and essays to short stories and novels will be explored. Literature from early American history up through the Harlem Renaissance, and onward past the impact of the Civil Rights Movements of the 1960s and into the present day will be read and dissected. Writers such as Harriet Jacobs, Countee Cullen, Langston Hughes, Zora Neale Hurston, Toni Morrison, Booker T. Washington, Frederick Douglass, Nella Larsen, and educator Nicole Bailey-Williams are a small sampling of the authors studied. The course covers topics such as; slave narratives, slave resistance, the rise of the black middle class, the Harlem Renaissance, blacks in business, and contemporary literature. Students should expect to read widely and write regularly, and discuss knowledgeably what they read.

EN141 Creative Writing^

5 credits

Grades: 9-12

Prerequisite: None

A good story always captures the attention of audiences of all ages. Creative Writing is designed to build on that love of a good story by giving students the opportunity to use their creative thinking abilities to write short stories, narratives, plays, poems, songs, and much more. Taught in a writing lab format, the course will encourage each student to acquire the skills and habits needed to be a self-directed writer. This course builds creative writing skills; it is not intended to provide remedial help in essay writing.

EN151 From Zeus to Superman: Introduction to Mythology^

5 credits

Grades: 9-12

Prerequisite: None

Through the study of classical and world mythology, students will come to appreciate the timeless pertinence of this fascinating genre. The course will concentrate on the enduring patterns and motifs of mythology and how these are reflected in literature. It will enable students to deepen their appreciation for the continuity and tradition of our literary heritage and will offer a useful critical approach to the study of literature. Critical thinking, research, small group discussions, and oral presentations will be emphasized. Students who seek an intellectual challenge are encouraged to select this course.

EN250 The Power of Voice: How to Become an Effective Speaker

2.5 Credits

Grades: 10-12

Prerequisites: None

This elective provides students in grades 10-12 with a comprehensive foundation in the art of effective communication through a blend of historical analysis and hands-on practice. By examining legendary orators and mastering diverse platforms—including formal speeches, podcasts, and digital presentations—students will learn to craft and deliver compelling messages for any audience. The curriculum emphasizes collaborative problem-solving and academic debate, fostering the confidence needed to engage in high-level discourse and impromptu speaking. Ultimately, students will emerge as versatile communicators capable of leveraging various mediums to convey ideas with clarity, authority, and impact. Specifically, students will learn how to use oral skills in formal and informal situations. Students will develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and talent, and effective presentation of one's voice and body. Students in this class should be prepared to:

- analyze effective historical speeches
- study the rhetoric strong public speakers utilize to accomplish their goals
- prepare and present impromptu speeches and longer speeches with specific goals in mind
- prepare and present utilizing different mediums to accomplish a goal
- collaborate with others to create and present effective group presentations

EN310 Tomorrow's Teachers Honors

5 credits

Grades: 11-12

Prerequisite: Cumulative GPA of 3.0

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

EN410 The Life, Death, and Impact of Malcolm X

5 Credits Grades: 11-12

Prerequisite: None

The Autobiography of Malcolm X and his iconic oratory as primary literary texts. Students will analyze his "literature of transformation" by tracing his evolution through three distinct identities—Malcolm Little, Malcolm X, and El-Hajj Malik El-Shabazz—while examining the shifting religious ideologies of the Nation of Islam, Pan-Africanism, and traditional Sunni Islam. The curriculum expands into the broader African American literary and political tradition, specifically connecting Malcolm's foundations of Black Nationalism and self-defense to the Black Panther Party's 10-Point Platform and socialist principles. By engaging with historical recordings and contemporary social justice movements, students will develop advanced rhetorical analysis skills to evaluate how Malcolm's mastery of language redefined Black identity in America. Ultimately, the course bridges the gap between the Civil Rights Era and modern discourse, challenging students to see how his pursuit of self-empowerment continues to shape the fight for equity today.

EN420 Film As Literature: The Art of Visual Storytelling

5 Credits Grades 11-12

Prerequisite: None

This elective invites juniors and seniors to analyze cinema as a sophisticated form of modern literature, where the camera serves as the narrator's pen. Students will examine how foundational literary elements—including complex character arcs, symbolism, and thematic depth—are constructed through visual techniques, cinematography, and sound design. By treating films as primary texts, the course explores a diverse range of global narratives to see how stories representing various cultures, genders, and historical contexts are "read" on the screen. Students will sharpen their rhetorical and analytical skills through critical viewing, academic discussion, and creative projects that mirror the artistic labor of filmmaking. Ultimately, this course challenges students to broaden their definition of literacy, refining their ability to interpret and critique the powerful visual language that shapes our contemporary world.

***Note: A guardian waiver will be required for students to participate in the course.**

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL is a developmental program of instruction mandated by the State Department of Education for students who have been identified through testing to have limited proficiency in the English language. The program provides instruction in the English language and the American culture for English Language Learners in Grades 9-12. The ESL curriculum is an integrated curriculum designed to prepare English Language Learners to meet the following standards: TESOL (Teachers of English to Speakers of Other Languages), WIDA (World-Class Instructional Design and Assessment) Standards, and the New Jersey New Jersey Student Learning Standards for English Language Arts. Student placement in ESL courses is based upon his or her English Language Proficiency as well as his or performance in coursework.

EL101 ESL – Newcomer 10 credits **(5 credits per semester)**

Proficiency Level:

The Newcomer course is designed for students who are new to the country and are entering a US school for the first time.

Prerequisite: Placement by administration and counseling services

ESL – Newcomer is a complete English course taken over the full school year. It is designed for students who are enrolled in English Language Arts for the first time. This ESL – English course will help students in their development of English in the four language domains: listening, speaking, reading and writing. Students will engage in activities appropriate to their level of English proficiency while learning the vocabulary and cultural shifts necessary to become successful in the mainstream content area classroom. Lessons will align to the WIDA English Language Proficiency Standards as well as the New Jersey Student Learning Standards for English Language Arts. Students must participate in the 9th Grade ELA state assessment and the annual ACCESS for ELs 2.0 assessment.

EL201 ESL – Beginner 10 credits **(5 credits per semester)**

Proficiency Level:

1.5-2.0 composite score on the previous year's ACCESS 2.0 for ELLS

Prerequisite: Placement by administration and counseling services

ESL – Beginner is a complete English course taken over the full school year. The course concentrates on the continued development of speaking, listening, reading and writing. Included in this is a thematic approach to literature, a variety of writing tasks, a number of speaking opportunities, further development of informational reading and research skills, grammar development, and vocabulary acquisition and use. Lessons will align to the WIDA English Language Proficiency Standards as well as the New Jersey Student Learning Standards for English Language Arts. Students must participate in the 10th Grade ELA state assessment and the ACCESS for ELs 2.0 assessment.

EL301 ESL – Intermediate 10 credits **(5 credits per semester)**

Proficiency Level:

2.1-3.0 composite score on the previous year's ACCESS 2.0 for ELLS

Prerequisite: Placement by administration and counseling services

ESL – Intermediate is a complete English course taken over the full school year. ESL Intermediate continues the development of the four domains of English, listening, speaking, reading and writing, and includes a study of both literature and nonfiction. Also included are vocabulary study, grammar instruction, oral presentation, and written composition. Lessons will align to the WIDA English Language Proficiency Standards as well as the New Jersey Student Learning Standards for English Language Arts.

EL102 ESL – Advanced Intermediate 10 credits **(5 credits per semester)**

Proficiency Level:

3.1-3.8 composite score on the previous year's ACCESS 2.0 for ELLS

Prerequisite: Placement by administration and counseling services

ESL – Advanced Intermediate is a complete English course taken over the full school year. ESL – Advanced Intermediate continues the development of the four domains of English, listening, speaking, reading and writing, and includes a study of both literature and nonfiction. Also included are vocabulary study, grammar instruction, oral presentation, and written composition. Lessons will align

to the WIDA English Language Proficiency Standards as well as the New Jersey Student Learning Standards for English Language Arts.

EL401 **ESL- Advanced**
10 credits **(5 credits per semester)**

Proficiency Level:

3.9-4.5 composite score on the previous year's ACCESS 2.0 for ELLS

Prerequisite: Placement by administration and counseling services

ESL – Advanced is a complete English course taken over the full school year. ESL – Advanced is for the ESL student who is about to exit the program. In this course, students will demonstrate more sophistication in the English language. The focus will be on strengthening skills in the four domains of English, listening, speaking, reading and writing, and includes a study of both literature and nonfiction. Also included are vocabulary study, grammar instruction, oral presentation, and written composition. Lessons will align to the WIDA English Language Proficiency Standards as well as the New Jersey Student Learning Standards for English Language Arts.

FAMILY AND CONSUMER SCIENCE

All courses listed are considered College and Career Preparatory unless otherwise noted.

The Family & Consumer Science program focuses on culinary education through a three-course sequence of Culinary Arts studies. As part of Career & Technical Education (CTE), this offering teaches both the concepts behind cooking and hands-on techniques to prepare students for real-world experiences. In each course, students participate in hands-on learning experiences that develop skills in cooking techniques, nutrition, kitchen management, menu design, and food safety. This sequence prepares students for informed food-related decisions at home while building practical and technical skills for potential careers in the culinary and hospitality fields.

Courses indicated with an ^ meet the minimum graduation requirement of 5 credits for Career Education.

CAREER & TECHNICAL EDUCATION (CTE)

Designed to give purpose to learning by emphasizing real-world skills and practical knowledge, Career and technical Education (CTE) programs consist of a series of courses that prepares learners for high-wage, high-skill, and in-demand careers that are aligned with workforce needs. In addition, students who enroll in CTE programs develop critical workforce skills employers need most including teamwork, critical-thinking, decision-making, initiative and enterprise, and interpersonal communication.

The Culinary Arts CTE Program at EHS prepares students to apply technical knowledge and skills for food production and service occupations including chef, pastry chef/baker, caterer, kitchen manager, menu planner, food/beverage director, restaurant owner, or culinary consultant.

FC121 Culinary Arts I (CTE Program Course)

5 credits
Grades: 9-12
Prerequisite: None

Culinary Arts I will introduce students to fundamental food preparation terms, concepts, and methods where laboratory practice will parallel class work. Essential techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures. This course also provides an overview of the professionalism in the culinary industry and career opportunities leading into a career pathway in Culinary Arts. In addition, Culinary Arts I will explore culinary careers outside of the kitchen including recipe developers and formulators, restaurant publicists, culinary consultants, culinary educator, food writer, and research and developer. So even if you don't want to be a chef, this is a great time to learn about the food world and become equipped with culinary skills and food cultural knowledge.

Culinary Arts I is the 1st Pathway course in the Culinary Arts CTE Program.

FC221 Culinary Arts II (CTE Program Course)

5 credits
Grades: 10-12
Prerequisite: Minimum grade of 75 in Culinary Arts I

Culinary Arts II presents a comprehensive study of advanced food preparation; students will identify geography, climates, customs, traditions, and cultural factors of a country through individualized research and class preparations. Specific foods, ingredients and methods of preparation unique to a variety of cultures will be studied. Students will also investigate menus through a number of theme-based projects, including their own international restaurant. Careers and entrepreneurship in the fields of food service and culinary arts will be explored. As part of the course, students will be prepared for **and will be administered** the ServSafe® Food Handler certification exam.

Culinary Arts II is the 2nd Pathway course in the Culinary Arts CTE Program.

FC311 Culinary Arts III (CTE Program Course)

5 credits
Grades: 11-12
Prerequisite: Minimum grade of 75 in Culinary Arts II **and** successful completion or Passing score on the ServSafe Food Handler Certification Exam.

Culinary Arts III focuses on the baking of sweet and savory pastries and foods. Students will discover and explore baking and pastry equipment, ingredient functionality, and exact measuring/ingredient proportions. Advance creations of pastries, pies, cookies, and cakes will be explored via artistic design

and preparation techniques. Students will also be presented with opportunities to cater events within the school district. Additionally, students will be able to learn organizational and entrepreneurial skills, increase mathematical skills, as well as essential food safety practices creating a lifelong culture of food safety. As part of the course, students will be prepared for **and will be administered** the ServSafe® Food Handler certification exam.

Culinary Arts III is the 3rd pathway course in the Culinary Arts CTE Program.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

PHYSICAL EDUCATION

The primary objective of the physical education program is to develop individuals who are physically, mentally, socially, and emotionally fit. To promote these objectives, students are exposed to individual, team sport, and cooperative activities. Our goal is to educate students by participation in a wide variety of physical activities that can carry over into their adult lives.

The high school program is co-educational and classes are grouped heterogeneously. Fitness exercises and activities are a part of each grade level curriculum. Activities designed to increase overall strength and aerobic capabilities form the core of these activities. Other activities are offered that stress competitive athletics in both individual and team sports. The curriculum for each activity is based on sequential skill development, with rules and strategies for game play taught where applicable. All activities emphasize teamwork and sportsmanship. Students are evaluated on skill development at the completion of each unit. Some of the high school offerings include step aerobics, badminton, flag football, fitness, soccer, ultimate Frisbee, volleyball, team handball, golf, floor hockey, basketball, lacrosse, softball, weight training, Adventure Games, field hockey, yoga, and pickle ball. Students are taught the skills during each semester course and an opportunity for a program evaluation.

Under the block schedule format, students take a combined course of approximately 15 weeks of physical education and 5 weeks of health education for one semester of the school year.

As with all Ewing High School courses, students must have a minimum average of 60 to receive credit for physical education.

- *All courses with a * in the Health & Physical Education Department meet the graduation requirement of four courses (20 credits) in Health and Physical Education.*

PE101, PE102, PE103, PE104

5 credits

Prerequisite:

Physical Education/Health I,II,III,IV*

Grades: 9-12

Successful completion of the preceding level of physical education.

PE301-U, PE401-U

5 credits

Prerequisite:

Unified PE

Grades: 11-12

None

Submission of application for Unified PE. Approval of application by Health and Physical Education and Special Education Departments. Class sections and class sizes will be determined based upon matching the needs of students.

Unified PE focuses on the physical, intellectual and social growth for all students. Students of all ability levels come together through ongoing fitness, sports, leadership, and wellness activities. Students will learn skills, techniques and strategies needed to engage in physical activities and sports alongside peers of differing abilities.

HEALTH

Freshman Health:

Focus in this course is on the immediate needs of students as well as the contemporary health issues that students face in adult life. Emphasis is placed on the improvement of health knowledge and the development of positive attitudes and desirable health practices. Course topics include mental health, human sexuality, responsible behavioral development, AIDS awareness, and drug education.

Sophomore Health:

Focus in this course is devoted to Driver Education. In this course, students study the theories related to sound driving habits. Course objectives are achieved through textbooks, videos, and visual aids. A comprehensive 10-hour Drugs, Alcohol and AIDS awareness unit is also included in the course. The goal of Driver Education classroom instruction is a mature understanding of the

responsibilities of the road for each student. A minimum of 30 classroom hours instructions are required to receive state certification. The New Jersey Division of Motor Vehicles' written exam is administered at the conclusion of the course.

Junior Health:

Family Living is the focus in junior year. Topics covered in the curriculum include: anatomy and physiology of the male and female reproductive systems, sexuality, pregnancy, childbirth, birth defects, social and psychological aspects of sexuality, premarital sex, birth control methods, decisions of unwed parents, other sexual identities, dating, types of love, relationships, and decision making. Embedded in the class are projects which teach parenting skills and responsibilities of taking care of a family. Ten hours of drug/alcohol education and AIDS awareness are also included.

Senior Health:

Focus in this course is on the American Red Cross Community First Aid and Safety Course. It includes discussions, lectures, and cooperative learning experiences, videos, demonstrations, and practical hands-on application of first aid procedures for common medical emergencies. Emphasis is placed on prevention and treatment of injuries and sudden illnesses. Ten hours of Drug and Alcohol education and AIDS awareness are also included in the Program.

PE520 Lifelong Fitness and Weight Room

5 Credits Grades: 10–12

Prerequisite: PE 101

Lifelong Fitness and Weight Room is a focused physical education course emphasizing functional fitness and the safe, effective use of resistance training and equipment. Students learn to design, implement, and manage a Personalized Fitness Program (PFP) based on the five components of fitness and F.I.T.T. principles. Practical activities center on mastering proper lifting form, spotting, and diverse conditioning techniques (free weights, machines, cardio). Academic components cover exercise safety, program design, lifelong functional fitness, and the role of nutrition and wellness. The course promotes self-direction and empowers students with the enduring knowledge and skills needed to maintain fitness independently throughout life.

MATHEMATICS DEPARTMENT

In survey after survey, people identify mathematics as the most “important and practical” course they took in high school. No wonder! An understanding of math helps people of all walks of life on the job and in their personal lives. Mathematics teaches an orderly and logical method of thinking that is vitally important to effective problem-solving. The Mathematics Department at Ewing High School offers a variety of courses that will provide students with these important and practical skills. In order to graduate from Ewing High School, all students must pass three courses of mathematics: Algebra I, Geometry, and a third math course. (If Algebra I was passed in 8th grade, the high school graduation requirements require an additional third math course).

- Courses indicated with * are offered as semester courses and meet the minimum graduation requirement within Mathematics (Algebra I, Geometry).
- Courses indicated with ** are offered as full year courses and meet the minimum graduation requirement within Mathematics (Algebra I, Geometry).

EHS: Recommended Mathematics Pathways

Pathway	9th	10th	11th	12th
1	Algebra 1 CCP	Geometry (CCP/Hon)	Data Analysis	Optional Electives
2 College Bound Non-STEM Majors	Algebra 1 CCP	Geometry (CCP/Hon)	Data Analysis	Optional Electives
3 College STEM Bound (Did not take Algebra 1 in 8th grade CCP Level)	Algebra CCP	Geometry CCP	Algebra 2 CCP	Data Analysis CCP
4 College STEM Bound wanting more traditional math route (Did not take Algebra 1 in 8th grade - moving to Honors Level)	Algebra Honors	Geometry Honors	Algebra 2 Honors AND Pre-Calculus Honors	Calculus Honors OR AP Calculus AB
5 College STEM Bound (Did take Algebra 1 in 8th grade)	Geometry Honors	Algebra 2 Honors OR Algebra 2 Honors AND Pre-Calculus Honors	Pre-Calculus Honors Or AP Calculus AB (and possibly BC) IF they doubled up on Algebra 2 and Pre-Calc in 10th grade	AP Calculus AB And AP Calculus BC Also consider AP Statistics

MA101 Algebra I CCP **
10 credits (This is a year long course that runs both Semester 1 and Semester 2)
 Prerequisite: Successful completion of 8th Grade Math

Algebra I is a comprehensive college preparatory course that will provide the foundations needed for the further study of mathematics and meets the standards and rigor of the New Jersey Student Learning Standards. Units of study include properties of real numbers, linear and quadratic equations and functions, linear and quadratic inequalities, polynomials and factoring, rational expressions and equations, systems of equations, graphing functions, radicals, and connections to geometry. Students

will use mathematical reasoning and modeling in problem-solving. Students will participate in the end of course Algebra I state assessment.

MA100 Algebra I Honors *

5 credits

Prerequisite: Minimum final grade of 85 in 8th Grade Math

Algebra I Honors is an accelerated college preparatory Algebra I course that will provide the foundation for further study of advanced mathematics and meets the standards and rigor of the New Jersey Student Learning Standards. Students should have a strong working knowledge of algebraic concepts from eighth grade and a demonstrated ability to use reasoning and modeling in problem-solving. Students will further their exploration and mastery in algebra through the study of real numbers, linear and quadratic equations and functions, linear and quadratic inequalities, polynomials and factoring, rational expressions and equations, systems of equations, graphing functions, radicals, and connections to geometry. Students will participate in the end of course Algebra I state assessment.

MA111 Geometry CCP **

10 credits

(This is a yearlong course that runs both Semester 1 and Semester 2)

Prerequisite: Successful completion of Algebra I

This complete college and career preparatory Geometry course is aligned to the standards and rigor of the New Jersey Student Learning Standards. Geometry includes solid or spatial geometry, the development of logical and critical thinking skills, and the use of modeling and reasoning. Units of study include deductive and inductive reasoning, parallel lines and planes, polygons, circles, measurements of angles and arcs, area and volume, proportions, congruency, similarity, spatial relations, and coordinate geometry.

MA110 Geometry Honors *

5 credits

Prerequisite: Minimum grade of 75 in Honors Algebra I or an 85 in Algebra I CCP

Geometry Honors is a rigorous course that will provide the foundation for further study of advanced mathematics and meets the standards and rigor of the New Jersey Student Learning Standards. The course assumes that the student has a strong working knowledge of concepts from Algebra I and geometric concepts from eighth grade, as well as a demonstrated ability to use reasoning and modeling in problem-solving. Geometry includes solid or spatial geometry, the development of logical and critical thinking skills, and the use of modeling and reasoning. Units of study include deductive and inductive reasoning, parallel lines and planes, polygons, circles, measurements of angles and arcs, area and volume, proportions, congruency, similarity, spatial relations, and coordinate geometry.

MA250 Data Analysis CCP *

5 credits

Prerequisite: Successful completion of Geometry

This is a comprehensive, college and career preparatory Data Analysis course that meets the standards and rigor of the New Jersey Student Learning Standards. Completion of this course prepares students for all majors in college. Students will use mathematical reasoning and modeling in problem-solving. In today's world, we are often told what to believe. Participants will delve into analyzing, interpreting, and drawing conclusions from data sets applicable through all walks of life. Students will learn how to look at data and make their own informed decisions.

MA251 Data Analysis Honors

5 credits

Prerequisite: Minimum grade of 75 in Geometry Honors or an 85 in Geometry CCP

This is a comprehensive, college and career preparatory Data Analysis course that meets the standards and rigor of the New Jersey Student Learning Standards. Completion of this course prepares students for all majors in college. Students will use mathematical reasoning and modeling in problem-solving. In today's world, we are often told what to believe. Participants will delve into analyzing, interpreting, and drawing conclusions from data sets applicable through all walks of life. Students will learn how to look at data and make their own informed decisions.

MA201 Algebra II CCP
10 credits
Prerequisite: **(This is a yearlong course that runs both Semester 1 and Semester 2)**
Successful completion of Geometry

This is a comprehensive, college and career preparatory Algebra II course that meets the standards and rigor of the New Jersey Student Learning Standards. Completion of Algebra II Level 1 with satisfactory grades prepares students to pursue further study in advanced math courses such as Pre-Calculus, Calculus and Probability and Statistics. Units of study in Algebra II will concentrate on linear and quadratic equations, inequalities, and functions, polynomials and factoring, exponential and logarithmic functions, and imaginary and complex numbers. Students will use mathematical reasoning and modeling in problem-solving.

MA211 Algebra II CCP
5 credits
Prerequisite: Successful completion of Geometry and approval by administration

Algebra II is a comprehensive, college preparatory Algebra II course that meets the standards and rigor of the New Jersey Student Learning Standards. Completion of Algebra II Level 1 with satisfactory grades prepares students to pursue further study in advanced math courses such as Pre-Calculus, Calculus and Probability and Statistics. Units of study in Algebra II will concentrate on linear and quadratic equations, inequalities, and functions, polynomials and factoring, exponential and logarithmic functions, and imaginary and complex numbers. Students will use mathematical reasoning and modeling in problem-solving.

MA200 Algebra II Honors
5 Credits
Prerequisite: Minimum grade of 75 in Geometry Honors or an 85 in Geometry CCP

Algebra II Honors is a rigorous Algebra II course that meets the standards and rigor of the New Jersey Student Learning Standards. Completion of Algebra II Honors with satisfactory grades prepares students to pursue further study in advanced math courses such as Pre-Calculus, Calculus and Probability and Statistics at the Honors or AP Level. Units of study in Algebra II will concentrate on linear and quadratic equations, inequalities, and functions, polynomials and factoring, exponential and logarithmic functions, and imaginary and complex numbers. Students will use mathematical reasoning and modeling in problem-solving.

MA301 Pre-Calculus CCP
5 credits
Prerequisite: Minimum grade of 70 in Algebra II CCP

This course prepares students who plan to take Calculus in 12th Grade. Pre-Calculus provides the background for concepts, problems and techniques that will be studied in calculus. Units of study include polynomial functions and inequalities, inverse functions, logarithms, circular functions, and trigonometry.

MA300 Pre-Calculus Honors
5 credits
Prerequisite: Minimum grade of 75 in Algebra II Honors or a minimum of 85 in Algebra II CCP

Honors Pre-Calculus is a rigorous course for students who plan to take Calculus at the Honors or AP level, and who have demonstrated mastery in algebraic and geometric concepts in previous coursework. Pre-Calculus provides the background for concepts, problems and techniques that will be studied in calculus. Units of study include polynomial functions and inequalities, inverse functions, logarithms, circular functions, and trigonometry.

MA401 Calculus CCP
5 credits
Prerequisite: Minimum grade of 70 in Pre-Calculus CCP

This is a differential calculus course. Its curriculum parallels the course of study found in a first-year college calculus program. Topics will include differentiation and applications of calculus. Units of study include curve sketching, related rates, extreme problems, and velocity and acceleration.

MA404 Calculus AB AP®

5 credits

Prerequisite: Minimum grade of 80 in Pre-Calculus Honors or minimum grade of 90 in Pre-Calculus CCP (Semester 1 only)

This course is eligible for dual enrollment; students who opt in before the deadline, pay the \$150 fee, and maintain at least a 70 in the course will earn college credits at

TCNJ.Advanced Placement® (AP®) Calculus is an extremely rigorous calculus course, taught on a college level. This course is designed for those students who wish to earn college credit for Calculus I while still in high school. In order to earn college credit, students must take the College Board Advanced Placement examination in the spring. The course adheres closely to the outline of topics published by the College Board. The units of study include elementary functions and limits, differentiation and its applications, integration, application of the definite integral, logarithmic and exponential functions, inverse trigonometric functions, and techniques of integration. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

MA404 Calculus BC AP®

5 credits

Prerequisite: Successful completion of AP® Calculus AB with a grade of 70 or higher (AP® Calculus BC will be in the spring semester following AP® Calculus AB in the fall semester)

This course is eligible for dual enrollment; students who opt in before the deadline, pay the \$150 fee, and maintain at least a 70 in the course will earn college credits at TCNJ. Advanced Placement® (AP®) Calculus BC is an extremely rigorous calculus course, taught on a college level. This course is designed for those students who have successfully completed Advanced Placement® Calculus AB. The course adheres closely to the outline of topics published by the College Board. The units of study include: L'Hopital's rule, improper integrals, partial fractions, infinite series, parametric functions, vector functions, and polar functions. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

MA311 Probability and Statistics CCP

5 credits

Prerequisite: Successful completion of Algebra II or Data Analysis

Probability and Statistics is an introduction to an important applied mathematical discipline. The first part of this course will enhance students' background in a variety of topics including set theory, logic, probability, series and sequences, matrices, linear programming, and problem-solving techniques. The second part of this course will enhance the students' understanding of the major concepts and tools for collecting, organizing, and drawing conclusions from data. The course will provide practical applications and a solid foundation for advanced work in mathematics. Projects, cooperative problem-solving, and writing will be components of this course. Students will learn to use technology as a tool to facilitate understanding of the concepts.

MA314 Statistics AP®

5 credits

Prerequisite: Minimum grade of 80 in Algebra II Honors or a minimum of 90 in Algebra II CCP (Semester 1 only)

This course is eligible for dual enrollment; students who opt in before the deadline, pay the \$150 fee, and maintain at least a 70 in the course will earn college credits at TCNJ.The AP® Statistics course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data by describing patterns and departures from patterns; sampling and experimentation through planning and conducting studies; anticipating patterns by exploring random phenomena using probability and simulation; and making statistical inferences by estimating population parameters and testing hypotheses. **Taking the end of course AP® test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

MUSIC DEPARTMENT

All courses listed are considered College and Career Preparatory unless otherwise noted.

The Music Department provides an important opportunity for students to enrich their lives with the boundless treasures of culture. To effectively study music, one must be self-disciplined, reliable and able to get along with others. Performers gain self-esteem and self-confidence by acquiring many musical skills through lessons and rehearsals. Music students also gain pride and community service through parades, concerts and other public performances. Those students who decide to become part of the music program (Band, Choir, or Orchestra) are expected to make every effort to acquire these important attributes. By becoming part of our ensembles, students accept the responsibilities that attend it, including presence at all rehearsals and performances. Each musical group may receive an instrumental group lesson every week.

The instructor in charge of a musical group will announce the dates for the public appearances in advance of the performance, as well as dates and times of any additional rehearsals (if needed). Students in the musical programs are responsible for informing parents or guardians of practice and performance dates and times. **All performances are mandatory for all students in Grades 9-12.**

Additional information can be found at www.tempoehs.org or on Twitter by following [@ewinghsmusic](https://twitter.com/ewinghsmusic). TEMPO stands for The Ewing Music Parent Organization. www.tempoehs.org is used to disseminate important paperwork and information for band, orchestra, choir, bell choir and Mastersingers. Please check it frequently for performance schedules, rehearsals, TEMPO meetings and fundraising materials.

Please join our email list by sending an email to tempo@tempoehs.org with your child's name, grade, instrument, mailing address and phone number.

- ✓ *All courses in the Music Department meet the minimum graduation requirement of 5 credits for Visual/Performing Arts.*
- ✓ *All courses listed are considered College and Career Preparatory unless otherwise noted.*

MU111 Marching/Concert Band (Full Year)

5 credits

Grades: 9-12

Prerequisite: Approval of Department Supervisor

The major emphasis of the fall curriculum is Marching Band music (Stand/Show) and Marching Band show preparation. Students will learn to maneuver in drum corps style and perform, while playing their instruments, by reading drill charts. During Marching Band season, the students will participate in all football games. The Marching Band will shift into a concert band mode in mid-November. The emphasis in concert band is placed on techniques of musical skill, tone development, music theory, and performance of challenging concert band literature. **Participation in the Marching Band is required in order to be a member of Concert Band /or jazz band. All Marching/Concert Band members must be present for the entire Band Camp, held in early August from 8 am to 3 pm, in the Ewing High School Instrumental Music Room. Participation at EHS graduation is a required performance for Band and Orchestra members in Grades 9-11. Students who do not fulfill this obligation will be removed from the group the following year.**

MU131 Orchestra (Full Year)

5 credits

Grades: 9-12

Prerequisite: Teacher approval, one year of previous training, and an audition may be required.

Group participation in the techniques of orchestra playing and program presentation is the principal focus of this course. A study is made of the development of the repertoire of music from classical to modern times. The Orchestra will participate in the Marching/Concert Band spring trip. **Participation at EHS graduation is a required performance for Band and Orchestra members in Grades 9-11. Students who do not fulfill this obligation will be removed from the group the following year.**

MU121 **Concert Choir (Full Year)**
5 credits Grades: 9-12
Prerequisite: 7th/8th Grade Choir or teacher interview

Any student interested in singing a variety of music is invited to join the EHS Concert Choir. The EHS Concert Choir performs choral music of varying styles including classical, folk, jazz, pop, and show tunes. Focus is given to developing good singing technique, the ability to read music and ear training, as well as to the history and culture associated with the music. All Concert Choir students will participate in winter and spring choral concerts, as well as events in the Ewing Township community. Group lessons are held on a rotating basis.

MU122 **Chorale (Full Year)**
5 credits Grades: 9-12
Prerequisite: Audition required

Students who demonstrated advanced proficiency in singing are invited to audition for the EHS Chorale. This ensemble performs choral music with independent singing parts, up to eight group parts, a wide variety of languages and complex meters and time signatures. All musical styles are represented in the repertoire. Focus is given to developing singing technique so students may be eligible for auditions to CJMEA Regions. Choir. All Chorale students will participate in winter and spring choral concerts, events in the Ewing Township community, and choral festivals at local universities.

MU142 **Intro to Musical Theater I: Song and Stage**
5 credits Grades: 9-12
Prerequisite: None

Students in this course will translate vocal performance to the musical theater stage through small group and ensemble rehearsal, critique of classical musical theater performances, and planning and preparation for EHS productions. Students will learn about a variety of lyrical and musical styles, and how they approach modern cultural and social issues. While the majority of activity will involve singing, movement and acting, students will also engage in class discussions and digital presentations to promote continued critical thinking about the theater arts in the United States and around the world.

MU 143 **Intro to Musical Theater II: Lights and Sound**
5 credits Grades 9-12
Prerequisite: None

Lighting effects and advanced sound techniques can help to portray the emotion of a story or theme in the musical theater. In this course, students will learn the fundamentals of theater layout, and operate the various lighting and sound technologies and equipment associated with productions. This course is ideal for not only those who have experience on stage, but those who have a strong desire to develop technical skills for potential audio/visual careers. After school participation with the EHS productions is encouraged in conjunction with this course.

MU161 **Music Appreciation through the Ages: Bach to Rock**
5 credits Grades: 9-12
Prerequisite: None

Students in this course will have a multi-sensory experience with the world of music: listening, critiquing, comparing and even performing! A wide variety of musical genres and eras will be explored by listening for instrumentation, rhythm, melody, lyrical themes and by examining how the music was composed and created. Students will also have the opportunity to play percussion and use keyboards to directly connect with the music, and will be part of cultural exchanges where peers, teachers and working musicians share and understand their inspiration and feelings for the music. By the end of the course, students will understand the connections between musical genres and eras in our country and around the world.

MU151 **Guitar I**
5 credits Grades: 9-12
Prerequisite: None

Guitar I is an introductory elective course designed to study basic, beginning guitar and styles. Class guitars are provided. All students will be introduced to a core curriculum of basic techniques that includes: correct instrument posture, aural skills, folk/pop/rock chord types (major, minor, and 7th

chords) and standard strumming styles for accompaniment and blues patterns. In addition, students will learn how to read music notation and chord symbols. Advanced topics for individual exploration may include fingerpicking, elementary classical technique, barre shapes, advanced note reading (Jazz & Classical), and Rock & Blues improvisation.

Non-Credit Music Activities

Non-credit music activities in Grades 9-12 include Mastersingers, Bella Voce, Chamber Orchestra and Jazz Band. Please note that Marching/Concert Band is a prerequisite for an audition for Jazz Band.

SCIENCE DEPARTMENT

Today, schools are expected to produce students who are scientifically literate, capable of understanding the science and technology they experience each day and preparing many to step into the STEM workforce of tomorrow. The educational goals for Ewing students reflect the importance of both scientific content and the science and engineering practices that are part of the Next Generation Science Standards. The opportunity for all students to experience the major components of science education is at the heart of a high-quality science program. **The science high school graduation requirements are Biology, a second science course that is either Chemistry, Environmental Science or Physics and a third science course of their choosing.** Additionally, students are expected to take a state assessment, The New Jersey Student Learning Assessment for Science (NJSLA-S), that measures student proficiency with the New Jersey Student Learning Standards for Science during high school.

EHS: Recommended Science Pathways

Pathway	9th	10th	11th	12th
1 for students going into CCP level science in 9th grade	Environmental Science CCP	Biology (CCP/Hon)	Chemistry <u>or</u> Physics I <u>or</u> Electives	Electives
2 for students going into Honors level science in 9th grade	Environmental Science Honors	Biology Honors	Chemistry Honors <u>or</u> Physics I Honors <u>or</u> Electives	AP Bio / APES <u>or</u> Electives
3 for students going into Honors level science in 9th grade & interested in STEM or want to maximize AP courses	Biology Honors	Chemistry Honors <u>and/or</u> AP Env. Sci (APES)	AP Bio / APES <u>or</u> Physics I Honors <u>or</u> Electives	AP Bio / APES <u>or</u> Physics I Honors <u>or</u> Electives
4 for students going into Honors level in 9th grade & interested in the Medical Field	Biology Honors	Chemistry Honors	AP Biology <u>and/or</u> Genetics <u>and/or</u> Human Anatomy Honors <u>and/or</u> Physics I Honors <u>and/or</u> Public Health	

Required Science Courses for Graduation (15 credits)

- Biology (CCP or Honors)
- A physical science course (any of the following)
 - Chemistry (CCP or Honors)
 - Environmental Science (CCP, Honors)
 - Physics I (CCP or Honors)
- One additional science course

AP Science Courses

- AP Environmental Science (1 semester)
- AP Biology (2 semesters)

Science Electives (for grades 10-12)

- Earth & Space Science CCP
- Forensic Biology CCP
- Genetics CCP
- Human Anatomy & Physiology Honors
- Issues in Science
- Physics II Honors
- Public Health CCP/Honors
- Zoology CCP

SC101 Earth and Space Science CCP

5 credits

Grades: 10-12

Prerequisite: Successful completion of most recent Science course

This laboratory course requires students to employ previously-and-newly learned scientific and problem-solving skills, along with appropriate technology, to a study of Earth, space, and changes in Earth caused by human activity and natural events.

SC100 Earth and Space Science Honors

5 credits

Grades: 10-12

Prerequisite: Minimum grade of 75 in last Honors level science course taken or a minimum grade of 85 in most recent Science course

This laboratory course requires students to employ previously-and-newly learned scientific and problem-solving skills, along with appropriate technology, to a study of Earth, space, and changes in Earth caused by human activity and natural events.

SC201 Biology CCP

5 credits

Grades: 9-12

Prerequisite: Successful completion of most recent Science course

This laboratory course requires students to employ previously-and-newly learned scientific and problem-solving skills, along with appropriate technology, to a study of the structural and functional aspects of living things.

SC110 Biology Honors

5 credits:

Grades: 9-12

Prerequisite: Minimum grade of 75 in last Honors level science course taken or a minimum grade of 85 in last College and Career Prep or 8th grade science course

This laboratory course requires students to employ previously-and-newly learned scientific and problem-solving skills, along with appropriate technology, to a study of the structural and functional aspects of living things.

SC304-10 AP Biology®

10 credits

(Full year course that runs Semester 1 and Semester 2)

Grades: 10-12

Prerequisite: Minimum grade of 80 in Honors Biology or a minimum grade of 90 in Biology CCP. Chemistry is also recommended but not required.

This course is eligible for dual enrollment; students who opt in before the deadline, pay the \$150 fee, and maintain at least a 70 in the course will earn college credits at TCNJ. This full year course is designed as the equivalent of a college introductory biology course taken by biology majors or others pursuing a four-year degree in a related field of study. Taught according to guidelines provided by the College Board, students may earn college credit for biology by performing successfully on the AP® Examination for Biology. AP® Biology includes an in-depth study of molecules and cells of life, heredity and evolution, and organisms and populations. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

SC231 Environmental Science CCP

5 credits

Grades: 9-12

Prerequisite: Successful completion of most recent Science course

This course is a complete laboratory course with an added focus on current research in the field of environmental science. Environmental Science provides 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 man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

SC232 Environmental Science Honors

5 credits

Grades: 9-12

Prerequisite: Minimum grade of 75 in last Honors level science course taken or a minimum grade of 85 in last College and Career Prep or 8th grade science course

This course is a complete laboratory course with an added focus on current research in the field of environmental science. Environmental Science provides 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 man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

SC204 Environmental Science AP®

5 credits:

Grades: 10-12

Prerequisite: Minimum grade of 80 in Biology Honors or a minimum grade of 90 in Biology CCP. Chemistry is also recommended but not required.

This course is eligible for dual enrollment; students who opt in before the deadline, pay the \$150 fee, and maintain at least a 70 in the course will earn college credits at TCNJ. The AP® Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. AP® Environmental Science will be an introductory AP® Science course, and students who would have taken Environmental Science Honors are encouraged to enroll. 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 risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Taught according to guidelines provided by the College Board, students may earn college credit for it by performing successfully on the AP® Examination for Environmental Science. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

SC301 Chemistry CCP

5 credits

Grades: 10-12

Prerequisite: Successful completion of previous Science course

This is a laboratory course, which requires students to use their problem-solving skills to discover and investigate the main principles of inorganic and organic chemistry. Topics discussed during this semester include basic atomic theory, the formation of chemical bonds, chemical and physical changes, periodic relationships, mixtures and solutions, acids and bases, and chemical thermodynamics. Each topic examined is accompanied by laboratory work intended to illustrate basic concepts and introduce students to the proper use of chemical tools, equipment observation, and reporting.

SC300 Chemistry Honors

5 credits

Grades: 10 -12

Prerequisite: Minimum grade of 75 in last Honors level science course taken or a minimum grade of 85 in last College and Career Prep science

This course uses a laboratory approach, which places its major emphasis on the main principles of inorganic and organic chemistry. Topics included are theories of the atom, the chemical bond, chemical thermodynamics, reaction kinetics, the states of matter, and periodic relationships. Extensive laboratory work accompanies each unit of study. The lab work is intended to develop the proper use of chemical tools and equipment, scientific laws, and methods of reporting results. Advanced skills in mathematics are developed when needed and combined with appropriate technology and problem-solving skills used to explore concepts in detail

SC501 Physics I CCP

5 credits

Grades: 10-12

Prerequisite: Successful completion of Algebra I and most recent Science course

This multi-activity/laboratory-based course develops a genuine understanding of the physical laws fundamental to all sciences and the interrelationship of those laws to the development of society in general. The physical concepts studied are introduced in the context of everyday applications and are reinforced and enriched by the use of computer and non-computer-based laboratories, video demonstrations, and simulation software. The trigonometry utilized in developing vector applications is taught within the scope of the course.

SC500

Physics I Honors

5 credits

Grades: 10-12

Prerequisite:

Minimum grade of 75 in both Algebra I Honors and the last Honors science course taken or a minimum grade of 85 in Algebra I CCP and the last CCP science taken

This course is eligible for dual enrollment; students who opt in before the deadline, pay the \$150 fee, and maintain at least a 70 in the course will earn college credits at TCNJ. This laboratory course develops a genuine understanding of the physical laws basic to all sciences and the interrelationships and effects the laws have on the development of society in general. A multi-activity/laboratory-based approach, including video demonstrations, computer and non-computer-assisted laboratories, and interactive computer simulations, is to be used. Advanced skills in mathematics are developed when needed and combined with appropriate technology and problem-solving skills to explore concepts in detail. The concepts of motion and force, work and energy, and electricity and magnetism are among those examined.

SC501

Physics II Honors

5 credits

Grades: 11-12

Prerequisite:

Minimum grade of 75 in Physics I Honors or a minimum grade of 85 in Physics I CCP

This laboratory course develops a genuine understanding of the physical laws basic to all sciences and the interrelationships and effects the laws have on the development of society in general. A multi-activity/laboratory-based approach, including video demonstrations, computer and non-computer-assisted laboratories, and interactive computer simulations, is to be used. Advanced skills in mathematics are developed when needed and combined with appropriate technology and problem-solving skills to explore concepts in detail. The concept of energy is reintroduced with a special focus on heat, then taking it through ideas like its role in the human body, the earth, in electricity and, ultimately, into a look at the emerging fields of nano-science and nano-tech.

SC241

Public Health CCP

5 credits

Grades: 10-12

Prerequisite:

Successful completion of Biology CCP and Algebra 1

This course will provide an overview of the interdisciplinary field of public health. Students will learn about the history of public health and the public health sciences including behavioral and social sciences, biostatistics, epidemiology, environmental health, and policy. Other topics will include health disparities (both within the US and globally), ethics in public health, community participation in research, public health promotion, and the prevention of chronic and infectious diseases.

SC242

Public Health Honors

5 credits

Grades: 10-12

Prerequisite:

Successful completion of Biology CCP and Algebra 1

This course is eligible for dual enrollment; students who opt in before the deadline, pay the \$150 fee, and maintain at least a 70 in the course will earn college credits at TCNJ. This course will provide an overview of the interdisciplinary field of public health. Students will learn about the history of public health and the core public health sciences including behavioral and social sciences, biostatistics, epidemiology, environmental health, and policy. Other topics will include health disparities (both within the US and globally), ethics in public health, community participation in research, public health promotion, and the prevention of chronic and infectious diseases.

SC221 Zoology CCP

5 credits Grades: 10-12

Prerequisite: Successful completion of Biology

This lab-based course will walk you through how species have evolved from the simplest, single-celled organisms to the more complex, multicellular life forms. Throughout the course, you will compare and contrast the biological processes of these organisms, ultimately comparing them with the human species. **Dissection is a required component for this course.**

SC311 Forensic Biology CCP

5 credits Grades: 10-12

Prerequisite: Successful completion of Biology CCP or Chemistry CCP

This course is laboratory oriented and designed to give the student an introduction to the science of forensics. Topics of study include molecular biology, DNA analysis (electrophoresis/PCR) as it relates to crime/paternity, anthropology, comparative skeletal anatomy, blood composition and behavior, entomology as it relates to crime solving, genetics (mitochondrial DNA analysis), odontology, and pathology.

SC701 Genetics CCP

5 credits Grades: 10-12

Prerequisite: Successful completion of Biology CCP

This course may interest students who are pursuing a career in a medical or biological field or who simply have an interest in genetics. This course utilizes concepts learned in Biology and builds on them to investigate the role of chromosomes in our lives. Studies will begin with a brief overview of Mendelian genetics, DNA structure and replication, cell division and exploration of more modern genetic topics will follow, such as genetic engineering, cloning, stem cell research, DNA fingerprinting, genetic basis for disease, genetics of behavior, and genetic technologies.

SC321 Human Anatomy and Physiology Honors

5 credits: Grades: 10-12

Prerequisite: Minimum grade of 75 in Biology Honors or a minimum of 85 in Biology CCP

Throughout the ages, humans have had a natural curiosity about the mechanisms of life. The body consists of many specialized tissues, such as those found in skin, bones, muscle, and nerves. These tissues are arranged differently in each part of the body, and their cell processes interact to produce the major systems of the human body. Sometimes these interactions are interrupted or disrupted by outside agents resulting in dysfunction or disease. The structure of cells, tissues, and organs, their relationship to the whole organism and how the organ system functions. **Dissection is a required component for this course.**

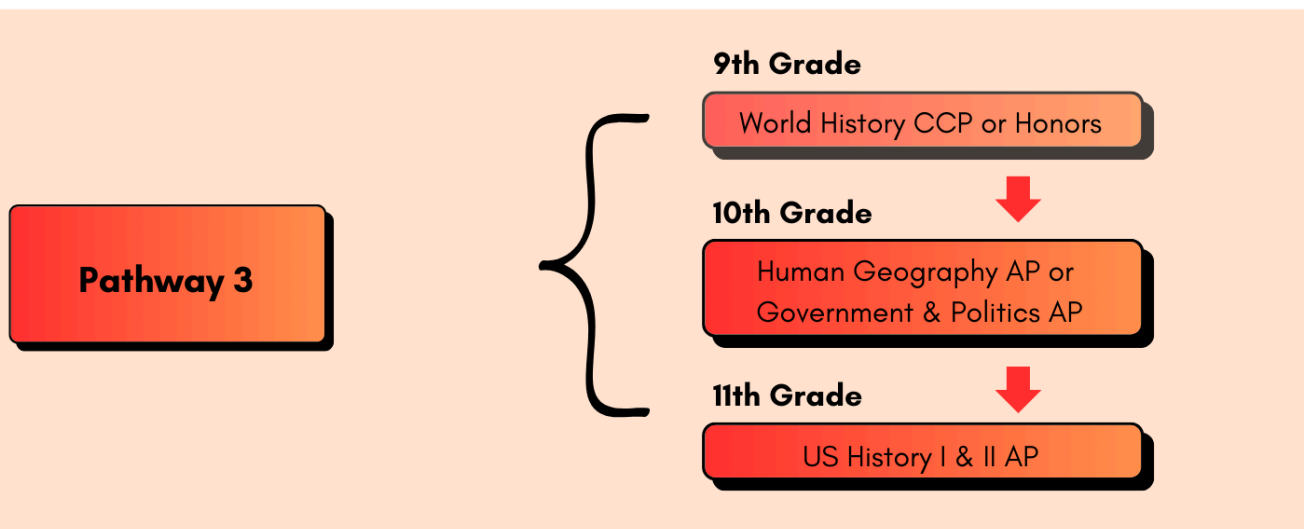
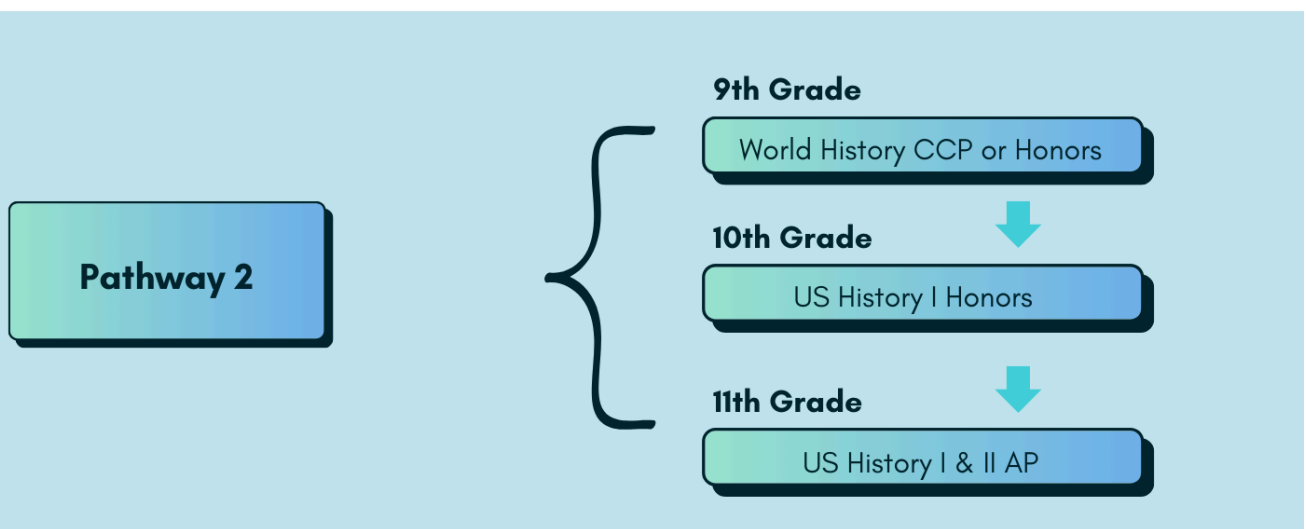
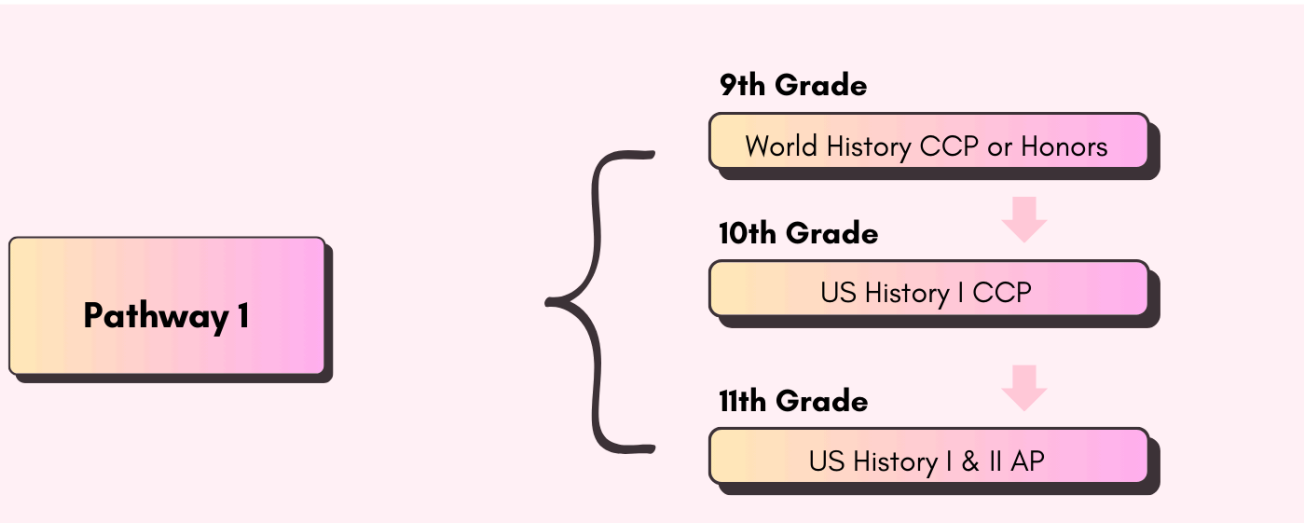
SC250 Issues in Science

5 credits Grades: 10-12

Prerequisite: Successful completion of previous science course

Participants will explore science topics that are causes of debate in society. Students will learn to analyze these topics so they can arrive at informed conclusions and make responsible decisions about the different situations they will face in their lives.

EHS Recommended Pathways: U.S. History I & II Advanced Placement



SOCIAL STUDIES DEPARTMENT

The ultimate goal of the Social Studies Department is to prepare our students to live as global citizens in the 21st century. They must be able to recognize and respect multiple perspectives and diverse experiences in order to be contributing members of society. A multicultural approach to social and historical events prevails throughout the curriculum with emphasis on inclusion of ethnic contributions, experience, and noteworthy current events. Moreover, as the world is experiencing a virtual revolution in information and communication technologies, students need to be taught to acquire and critically evaluate the abundance of information that is available to them on a daily basis.

- *Courses indicated with an * meet the minimum graduation requirement within the Social Studies Department (World History, United States History I and II).*
- **Courses indicated with an ^ meet the minimum graduation requirement of 5 credits for Career Education.**

SS101 World History CCP *

5 credits

Grade: 9

Prerequisite: Successful completion of 8th Grade Social Studies (Ninth grade students are expected to take World History.)

This course offers the student an in-depth examination of the geography, culture, and history of Africa, Asia, Europe, and Latin America. Students will be encouraged to examine the diversity of various cultures and the conditions common to these societies. Supplemental readings of both primary and secondary sources will be required. Essays and other types of written expression will also be assigned. Students will be expected to think critically on a variety of current global concerns.

SS100 World History Honors *

5 credits

Grade: 9

Prerequisite: Minimum of 85 in the 8th Grade Social Studies course (Ninth grade students are expected to take World History.)

This course offers the student an in-depth examination of the geography, culture, and history of Africa, Asia, Europe, and Latin America. Students will be encouraged to examine the diversity of various cultures and the conditions common to these societies. Required outside reading will include excerpts from books, plays, and poems written by authors from a variety of countries. Students will be expected to discuss, analyze, and synthesize these supplemental readings. Essays and short evaluative papers will also be required. Students at this level are expected to be able to think critically on a variety of current global concerns. Students must have strong verbal, reading and writing skills.

SS354 World History AP®

5 credits

Grades: 11-12

Prerequisite: 80 in previous AP® Social Studies course or 85 in U.S. History II Honors or 90 in U.S History II CCP

AP® World History engages students in learning and investigation about cultures, conflict and innovation in each region of the world, as well as comparative analysis between nations, empires and states, from the year 1200 to the present. Students will work closely with primary and secondary sources, using advanced methods to analyze a wide variety of individuals and movements. As required by the College Board, students will utilize comparison, causation, continuity and change over time shape as they engage in reading, writing and collaboration. Humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation will be explored in all regions of our world. This course is designed to reflect a college level introductory history course. Students will use a college-level text and College Board materials. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

SS214 Human Geography AP®

5 credits

Grades: 10-12

Prerequisite: Minimum of 80 in World History Honors or 80 in previous Honors/AP course in Social Studies or 90 in World History CCP or previous CCP course in Social Studies.

The AP® Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic

organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students who perform successfully on the AP® Exam for Human Geography may be afforded college credit for their efforts in this class. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

SS201 United States History I CCP*
5 credits Grade: 10
Prerequisite: Successful completion of World History

This course concentrates on American history from the Colonial Period to the 1920s. The emphasis is on the causes and effects of the American Revolution and the Civil War, the US Constitution, immigration, and the Progressive Movement. Essays and a term paper involving original research sources and supplemental readings will be required.

SS200 United States History I Honors *
5 credits Grade: 10
Prerequisite: Minimum grade of 75 in World History Honors or 85 in World History

The emphasis is on the causes and effects of the American Revolution and the Civil War, the US Constitution, immigration, and the Progressive Movement. Required reading will include supplemental source books and historical fiction novels. Essays, short evaluative papers, and a term paper involving original research sources will also be required.

SS304-1 United States History I AP® *
5 credits Grade: 11
Prerequisite: Minimum grade of 80 in previous AP Social Studies course or 85 in United States History I Honors or 90 in United States History I CCP

Taught according to guidelines provided by the College Board, AP® United States History is a college-level course designed to challenge the most able and motivated students. Following the chronology of American history from the Colonial period to the 20th Century, the coursework is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and materials in United States history. Students who maintain a minimum grade of 70 in this course will go on to take AP® United States History II second semester. All EHS students are required to take one semester of US I and one semester of US II. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

SS301 United States History II CCP*
5 credits Grade: 11
Prerequisite: Successful completion of United States History I CCP

This is a complete sequentially-based social studies course that begins with the study of the Pre-World War II Era and continues to the present day. Inquiry is at the core of this curriculum as students are challenged to ask questions, investigate, analyze, and critique before they draw conclusions. We expect that they will be able to recognize and respect multiple perspectives and diverse experiences.

SS300 United States History II Honors *
5 credits Grade: 11
Prerequisite: Minimum grade of 75 in United States History I Honors or 85 in United States History I CCP

This is a complete sequentially-based social studies course that begins with the study of the Pre-World War II Era and continues to the present day. Inquiry is at the core of this curriculum as students are challenged to ask questions, investigate, analyze, and critique before they draw conclusions. We expect that they will be able to recognize and respect multiple perspectives and diverse experiences.

SS304-2 United States History II AP® *
5 credits Grade: 11
Prerequisite: Minimum grade of 70 in AP® United States History I

Taught according to guidelines provided by the College Board, AP® US History is a college-level course designed to challenge the most able and motivated students. Continuing with the narrative begun in AP® United States History I, AP® United States History II gives particular stress to the historic

American developments of the 20th Century. United States History II AP meets the graduation requirement for US History II. Students who perform successfully on the AP[®] Exam for US History may be afforded college credit for their efforts in this class. **Taking the end of course AP[®] Test is a requirement for enrollment in an AP[®] course. There will be no cost to students to take the AP[®] test.**

SS211 African American History and Culture

5 credits Grades: 10 -12

Prerequisite: None

Students will be challenged to understand race as a social construction that has had lasting implications for people throughout United States history. Riddled with pain and punctuated with moments of cultural and social triumph, the story of African Americans has been one of dissonance and irony. This course examines the African American experience through careful analysis of music, art, literature and popular culture. Students will re-examine major historical events and movements and also consider the intersectionality of the African American experience with other groups in society. With the course content being both historical and modern, students will be able to better understand the African American experience in our society today.

SS221 Human Behavior CCP^

5 credits Grades: 10-12

Prerequisite: None

This course has a practical application to everyday life. The basic elements of personality will be investigated which will lead to an understanding of a person's development, motivation and behavior. Students will have the opportunity to investigate human behavior from birth to death by exploring the development of the person's physical, cognitive, and psychosocial growth. Examine major behavioral disorders, personality disturbances and mental illnesses through the study of behavioral psychology. Additional topics such as sensation/perception, memory, sleep and dreams and social psychology will also be presented.

SS261 Model United Nations

5 credits Grades: 10-12

Prerequisite: None

The Model United Nations course allows students to represent a country of their choice in a student-led simulation of the United Nations General Assembly, with the goal of enacting policies to improve the economic, social and political conditions. Students will get to explore and brainstorm real solutions to problems impacting hunger and access to water, the environment and climate change, border security, ethnic conflict and genocide, trade barriers, healthcare, poverty, access to technology, education, supporting democratic regimes and improving women's and LGBTQIA+ rights. Students will research issues pertaining to their country with the help of resources from the United Nations and leaders in our Ewing community. The course will conclude with a virtual or in-person conference with other MUN students in New Jersey, as well as other states.

SS231 Sociology CCP^

5 credits Grades: 10-12

Prerequisite: None

This course is offered for those students who are interested in learning more about the society in which they live and the various positions they occupy within society. Many different aspects of our society will be examined, such as the criminal justice system, deviant behavior, marriage and the family, sports in America, social class, race, and gender issues, and what psychology is to the individual, sociology is to the group.

SS204 United States Government and Politics AP[®]

5 credits Grades: 10-12

Prerequisite: Minimum of 80 in World History Honors or 80 in previous Honors/AP[®] course in Social Studies or 90 in World History CCP (or previous CCP course in Social Studies)

This course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret US politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US political reality. The AP[®] Government and Politics course generally covers topics that are presented in government and US history college classes. Students will also have their

choice of civics and government projects that may involve measuring public opinion, evaluating campaigns, advocating for public policy, analyzing media sources, determining influences on the legislative process and the role of the courts in society. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

SS241 Women's Studies^
5 credits Grades: 10-12
Prerequisite: None

This course is a survey of the experiences, lives and contribution of women to American and world history. The student will study women's changing roles through history, as well as the diversity of women's experience on a racial, ethnic and class basis. Problems and solutions women have faced in the past will be discussed with an emphasis on understanding the participation of women to uncover and restore women's achievements and experiences.

SS251 Student Voices in Action^
5 credits Grades: 10- 12
Prerequisite: None

Do you want to make your community, state and nation a better place? In this course, you will learn the skills required to engage with local, state and national governments to solve real problems facing our friends, neighbors and fellow citizens. Students will learn how to negotiate and mediate conflicts, write and pass laws, act as attorney in a court trial, develop advanced communication and media skills, and discover how to become a powerful agent for change in our community. This dynamic, hands-on learning experience will benefit from guest speakers and practitioners from Ewing Township and New Jersey state government.

Honors in Course

This pilot program allows students in *Student Voices In Action* and *Model United Nations*, both CCP courses, to attain Honors designation for the course. In order to apply for the Honors in Course designation, students, by the end of the fourth week of the semester, must complete and submit a written proposal to the course teacher, and gain full approval from the teacher.

In order to achieve and attain the Honors in Course designation, the student proposal must include the following requirements, all of which must be achieved by the last day of the semester:

- ✓ A plan to modify one of the course's projects, or the course final project, so that it may address a governing body, agency, interest group or active practitioner in the field
- ✓ The project must address a community, societal, national or global problem or dilemma
- ✓ The project must contain specific recommendations for change and reform
- ✓ The project must provide pertinent research in direct support of the recommendations
- ✓ During the course, the student must have at least two interactions with community members/practitioners to help revise the project
- ✓ During the last week of the course, a meeting with member(s) of a governing body, agency, interest group or active practitioner to present final recommendations

Upon successful completion of these requirements in the project, the student's course weighting will be changed from CCP to Honors.

SPECIAL EDUCATION

Ewing High school provides special education programming designed to meet the diverse needs of students with disabilities. The levels of support range from least restrictive to most restrictive environments, ensuring compliance with each students' Individual Education Program (IEP). The IEP team convenes on behalf of students with identified disabilities, minimally on an annual basis, to outline the specific courses designed to fulfill their graduation requirements. At that time, the level of programming (ranges noted below) will be determined by the IEP team. All special education programming is designed to address the appropriate grade level proficiencies (NJ Student Learning Standards) while providing students with specific accommodations, modifications, goals and objectives notated within their IEP. IEP programming can consist of the following:

- In-Class Resource (ICR), also known as Inclusion, is a collaborative model designed to provide students with disabilities the necessary support to succeed within the general education classroom. This program permits general education and special education teachers to plan, instruct, and assess students. Both teachers bring their expertise to the classroom, ensuring that all students receive instruction tailored to their unique needs. The special education teacher provides targeted support, implementing accommodations, modifications, and individualized strategies as outlined in students' Individualized Education Programs (IEPs) while the students with disabilities are educated alongside their general education peers with little to no curriculum modification.
- Resource programming is subject specific and emphasizes the development of foundational skills while aligning with the general education curriculum. Students often require that the curriculum is modified (in content and pace) and may work on improving academic skills, organizational strategies, or problem-solving techniques. Special education teachers often utilize research-based instructional methods, assistive technology, and hands-on materials to enhance engagement and learning outcomes. This structured setting allows special education teachers to focus on the specific goals and objectives outlined in the students' IEPs, and instruction is tailored to meet students' unique learning styles, strengths, and challenges, ensuring they make meaningful progress.
- Special class programming shall serve students with IEPs who have similar educational needs related to their disabilities, and the IEP team warranted that an ICR program is not sufficient to meet the students' needs. Special class programming offers instruction by a general education or special education teacher; however, either must hold a certificate in the subject-specific content area and provide instruction at a modified pace yet is aligned to the New Jersey Student Learning Standards.
- Self-Contained programming provides a highly structured and supportive environment tailored to meet the unique academic, social, emotional, and behavioral needs of each student, as outlined in their Individualized Education Programs (IEPs). This setting typically features smaller student-to-teacher ratios, allowing for individualized instruction and close monitoring of progress. Classrooms are staffed by certified special education teachers, often supported by paraprofessionals, to ensure each student receives the attention and assistance they require. Instruction focuses on a range of skills, including academic content, functional life skills, social skills, and behavior management, depending on the individual needs of the students.

SPECIAL SENIOR PROGRAMS

Senior Experience CCP SP401-5-1, SP401-5-2; SP401-10-1, SP401-10-2

5/10 credits Grade: 12

Prerequisites: During the preceding semester, students must meet the following requirements:

Academic:

- 2.5 Cumulative GPA
- 100 credits by the end of your junior year
- (Fall Senior Experience students receiving an 80% or below in the program will be ineligible to take Senior Experience during Spring semester)

Discipline:

- No OSS or Level 3 or 4 incidents

Attendance:

- No NCA's for any class

Senior Experience allows qualifying seniors a unique opportunity to gain real-world experience through an internship or workplace environment. Advantages of this program include, but are not limited to: exploring a possible career path; gaining valuable work experience; enhancing your resume; developing and refining time management skills; receiving financial compensation; networking with professionals in the field; gaining confidence; and transitioning into the workforce. In addition to time spent at the internship or work site, students in the program are required to complete assignments that will be graded. Examples of assignments include: weekly schedules, weekly journals, monthly mentor evaluations, resume/cover letter, safety report, mentor interviews, self-evaluations, etc.

Students in the course will choose Fall and/or Spring Senior Experience and choose 5 or 10 credits options in consultation with their school counselor.

- 5 credits = Students will be dismissed from EHS at 1:00pm, 8 hours/week must be attained in your placement
- 10 credits = Students will be dismissed from EHS at 11:00am, 16 hours/week must be attained in your placement

(Note: Internships require students to be at their worksite EVERY DAY that school is in session. Students with paid jobs must have a minimum of 3 shifts/week that are scheduled DURING the school day. Not meeting these requirements can result in dismissal from the program)

Prior to the start of the chosen semester, students must apply for an internship or job in/around the Ewing community. **Students must be hired and on the work schedule PRIOR to the first day of the semester.**

Additional Course Information:

- The Senior Experience Coordinator will hold an information meeting prior to the beginning of each semester. Paperwork and deadlines will be discussed. Students must adhere to deadlines.
- Students considering this program are advised to discuss this choice with their parents, school counselor, and Senior Experience Coordinator at the time of course selections for 12th grade.

Examples of Ewing Internships:	Examples of Ewing Jobs:
✓ Trenton-Mercer Airport	• Maida & Maida Accounting, LLC
• Boys and Girls Club of Mercer County	• Princeton Orthopedics
✓ Greenwood House	• Credit Union of New Jersey
• Lore, Antheil, Parkway Elementary Schools	• Marrazzo's
• Fisher Middle School	• Shop Rite of Ewing or Pennington
• Ewing High School – Guidance Department Only	• Barnes and Noble
❖ Ewing Police/Fire Department	

SP410 Peer Leadership Honors

5 credits Grade: 12

Prerequisite:

Pre-requisite: Submit required application, interview, and acceptable discipline and attendance record

This course provides the basic structure for the Peer Leadership group. The Peer Leadership program develops the leadership skills of high school seniors while teaching them to provide outreach for freshmen that focus on: building healthy relationships, fostering collaboration, increasing self-confidence, developing problem-solving skills, and acquiring decision-making strategies. Seniors are provided with a thorough knowledge of group dynamics and instruction in leadership and problem-solving skills which will help to equip students as they lead weekly small group activities and discussions with the freshmen peer groups. Students are selected for this course by filing an application at announced times and being interviewed by the current Peer Leadership teachers and students. Acceptance into the course is also based on attendance and discipline records, as well as teacher recommendations.

Dual Enrollment Program

5/10 credits Grade: 12

(College courses will be given AP level weighting)

EHS Courses Eligible for Dual Credit Through TCNJ Ewing High School in partnership with TCNJ, is offering dual credit for all of the following courses:

- AP Studio Art: Drawing Portfolio
- AP Biology
- AP Environmental Science
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP Language
- AP Literature
- AP French
- AP Spanish
- AP US History
- AP World History
- AP Human Geography
- AP US Government & Politics
- AP Computer Science Principles
- STEM Creative Design
- Physics I Honors
- Public Health Honors

For the 2026-2027 school year, TCNJ is optional, offering this opportunity for \$150 per course, plus the cost of required textbooks. The Advanced Placement exam will still be required for all students enrolled in an AP course.

College Course Grading

Dual enrollment students must request an "official transcript" from the registrar's office of the college or university where the class is being taken. This "official transcript" must be for the current semester, requested and received in a timely manner, and sent directly to the student's school counselor in order to become part of the student's final Ewing High School transcript. The following deadlines must be adhered to:

- Fall Semester college courses end in December: EHS must receive the official transcript no later than one week before the end of Semester 1
- Spring Semester college courses end in May: EHS must receive the official transcript no later than one week before the end of Semester 2

College Course Grading Conversion

Colleges and universities provide letter grades on official transcripts. Ewing High School, however, provides number grades and strictly abides by the following conversion chart for grading on our official EHS transcript:

A+ = 99	B+ = 89	C+ = 79	D+ = 69	F = 55
A = 95	B = 85	C = 75	D = 65	
A- = 90	B- = 80	C- = 70	D- = 60	

PLEASE NOTE: Without the school counselor receiving the 'official college transcript' directly from the college, college course final grades will appear as a '0' on the student's final EHS report card and final EHS transcript. Any unapproved withdrawal from a college course will result in a "0" on the student's final EHS report card and final EHS transcript.

TECHNOLOGY DEPARTMENT

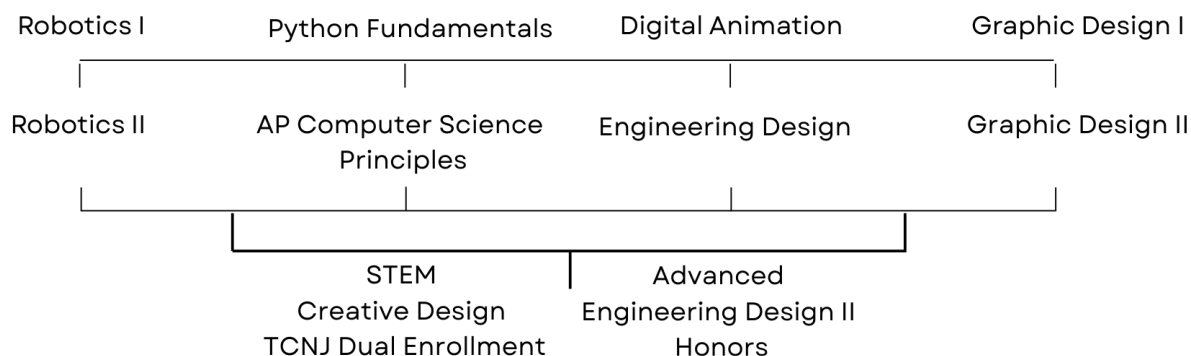
All courses listed are considered College and Career Preparatory unless otherwise noted.

Courses indicated with an ^ meet the minimum graduation requirement of 5 credits for Career Education.

Courses indicated with an * meet the minimum graduation requirement of 5 credits for Visual/Performing Arts.

Courses indicated with an # satisfies the fourth year of a Science, Math or approved Tech elective class

Technology Department Pathways



TE131

5 credits

Prerequisite:

CS Python Fundamentals

Grades: 9 – 12

None

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science Principles.

TE111

5 credits

Prerequisite:

Graphic Design I^{^*}

Grades: 9- 12

None

This course is designed to offer an introduction to graphic design. Students will combine art with technology to create projects with traditional design elements that are enhanced in the computer lab. Students will learn to create and manipulate graphic images for fine and commercial art. This course includes digital image manipulation and editing, digital illustration, and motion graphics. The software utilized in this course is Adobe Photoshop, Adobe Illustrator, and Adobe After Effects. Students selecting this course should have strong computer skills and artistic ability.

TE311

5 credits

Prerequisite:

Graphic Design II*

Grades: 10-12

Minimum grade of 80 in Graphic Design I

This course builds upon the foundation of Graphic Design I to further develop students' skills in visual communication. **Students will explore more advanced concepts in typography, layout, and design using Adobe Photoshop and Illustrator. They will also be introduced to digital photography and videography.**

TE321 Digital Animation

5 credits

Grades: 9-12

Prerequisite: None

In this hands-on course, students will explore the principles of animation using digital tools to bring their ideas to life. Through projects in 2D and 3D animation, they will develop skills in storytelling, character design, and motion graphics while using industry-standard software. Whether creating short films, animations for games, or motion graphics, students will gain a strong foundation in the art and technology of digital animation.

SC111 Robotics I CCP^#

5 credits

Grades: 9-12

Prerequisite: Minimum grade of 70 in previous year's science and math course.

This is an activities-based course in which students will construct and program Robots to complete a variety of competitive tasks. Both programmed and remote controlled robots will be built and programmed with VEXcode, a C-based programming language. The study of electronics, mechanics, and computer programming will be supplemented with lab experiments which will require the use of basic Physics formulae. Grading for the class is heavily weighted toward the building, programming, and performance of the students' robots. Students will gain hands-on experience working with tools for building the robots. This course can count as the fourth required science course OR as the technology course requirement, however, it cannot count as both.

SC211 Robotics II CCP#

5 credits:

Grades: 10-12

Prerequisites: Successful completion of Robotics 1

Robotics is an emerging field with applications in many facets of our lives. Students in this course will develop understanding of a wide range of topics in engineering and technology that build upon similar concepts from Robotics I through more advanced content, practice, and themes. Robotics II emphasizes the interrelationships of computer aided design (CAD), iterative design, planning, prototyping, programming, strategy, machine interactions, and common themes. This course can count as the fourth required science course OR as the technology course requirement, however, it cannot count as both

TE121 Engineering Design CCP^#

5 credits

Grades: 9-12

Prerequisite: Successful completion of Algebra I. Concurrent enrollment in Geometry.

This course introduces students to the foundational concepts of engineering design. Students will learn how to define and delimit problems, design and test solutions, and revise and optimize those solutions. Students will also gain exposure to 3D Printing as a tool in the design and testing of solutions to real-world problems.

TE225 Advanced Engineering Design II Honors#

5 credits

Grades: 10-12

Prerequisite: 80% or above in Engineering Design

This course covers advanced engineering and robotics topics such as engineering design graphics, cybersecurity, biotechnology, information technology and robotics.

TE210 Computer Science Principles AP® #

10 credits

Grades: 9-12

Prerequisite: Minimum of 75% in Algebra I and 75% completion of Python

Computer Science Principles AP® is a college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems-including the internet work. Students explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.

TE224

STEM Creative Design (this class provides dual enrollment credit through TCNJ's School of Engineering)

5 credits

Grades: 10-12

Prerequisite:

Minimum of 3.61 GPA

The course will introduce students to the engineering design process which is used by various professionals such as artists, engineers, and architects. Students will think critically about the choices that are made by consumers, and develop habits of mind related to design choices. This is a foundational creative course that investigates the elements and principles of design as related to practical products, systems, and environments.

*Please note that only students who earn a "C" or above receive college credit.

* Cost of course: \$150

VISUAL ARTS DEPARTMENT

All courses listed are considered College and Career Preparatory unless otherwise noted.

The Visual Arts Department offers a broad range of courses designed to appeal to students with varying degrees of talent and interest in visual art. The department has excellent offerings for students with artistic talent who want to prepare for a career in the field. In addition to these students, the department also offers course work for those who want to learn more about art as a leisure pastime. Any student who wants a better appreciation of art or who is a creative person will find worthwhile courses to take. Guest artists and visits to galleries and museums may be a component of these courses. Students enrolled in these classes will participate in exhibits, including our own high school art show in the spring.

- *Courses indicated with an * meet the minimum graduation requirement of 5 credits for Visual/Performing Arts.*
- *All courses listed are considered College and Career Preparatory unless otherwise noted.*

VA111 Art I: Foundations of Art *

5 credits Grades: 9-12
Prerequisite: None

This is an introductory level course that teaches drawing, sculpture, ceramics and printmaking. Gaining exposure to various kinds of art will help you choose a two-dimensional path (i.e., drawing) or three-dimensional (i.e., sculpture, ceramics).

VA211 Art II

5 credits Grades: 10-12
Prerequisite: Minimum grade of 70 in Art I: Foundations of Art or recommendation of Department Supervisor

This course expands and refines the knowledge and skills learned in Art I. Projects are designed to explore concepts of art and to develop technical skills with special emphasis placed on two-dimensional artwork. Units on pencil drawing, pen and ink, painting, printmaking, and the study of art history are crucial elements in art education. Students learn to integrate art appreciation with creating art. Art history is taught through slide lectures, video, guest lectures, and field trips.

VA311 Art III

5 credits Grades: 11-12
Prerequisite: Minimum grade of 75 in Art II

This course is for students planning to pursue a career in art or for those who have a sincere interest in continuing art at an advanced level. Course content includes units on drawing, painting, graphics, sculpture, computer art, and art history. Emphasis is placed on preparation of a portfolio, exploring various art schools, and investigating career possibilities.

VA121 Ceramics I *

5 credits Grades: 9-12
Prerequisite: None

This course will introduce students to the basic hand-building techniques, such as pinch, coil, and slab, and the elements involved in the design and making of ceramic pottery. The course explores the properties and preparation of clay, methods and processes of forming clay, ideas and sources of stimulus, and the possibilities for decoration and glazing. It will also provide information on the history of humanity's accomplishments in clay from ancient times to the present by reviewing significant works from cultures around the world.

VA241 Ceramics II

5 credits Grades: 10-12
Prerequisite: Minimum grade of 75 in Ceramics I

This course further develops the fundamentals and techniques identified in Ceramics I. Emphasis is on quality, size and refinement of work. In addition to using pinch, coil, and slab pottery techniques,

throwing on the potter's wheel, model making and casting, ceramic sculpture and architectural ceramics will be offered

VA251 Crafts *
5 credits Grades: 10-12
Prerequisite: None

This course introduces students to a variety of the world's different cultures and their customs, as well as exploring hands-on art projects such as jewelry making, watercolor screens, three-D building projects, sewing, and textile designs. The fundamental art elements and design principles will be discussed for each project. Functional projects with the student's unique designs will be part of the evaluation process, as well as the knowledge of different countries' customs. The student's work will also be a part of the Ewing High School annual spring art show.

VA324-10 Drawing/Painting
5 credits Grades: 10-12
Prerequisite: Minimum grade of 70 in Art I: Foundations of Art

This class is for those who love to draw and who want to seriously develop skills for a portfolio. Intensive skill development will be in line, value, and color. Students will work with graphite, charcoal, ink, watercolor, pen, and pastel. Elements and principles of design will be covered. Art history will be introduced. Students are to have a sketchpad. Homework will be given. For those majoring in any type of art (even computer graphics), this is a good foundation course to have. Students will render from observation, visual references and from the imagination. Subjects include still life, landscape, portraiture and fantasy/cartoon.

VA131 Figure/Fashion Drawing *
5 credits Grades: 9-12
Prerequisite: None

This course begins with a review of drawing skills associated with the human form. Anatomy is introduced. Students will be encouraged to sketch figures in different settings. Figure proportions, stylizing the figure, and depicting clothing using various techniques will be emphasized. Pencil, pen and ink, pastel, and markers will be used. Appropriate field trips may be included. If students are interested in fashion design and modeling, they should try this course.

VA261 Introduction to Sculpture*
5 credits Grades: 10-12
Prerequisite: None

This course is designed to develop an understanding of three-dimensional form and its relationship to space. Students will execute projects in a variety of sculpting media, including paper, cardboard, clay, plaster of Paris, wire, metal, and wood. Some drawing will be required. Students will be required to maintain a sketchbook. Visits to galleries and museums and guest artists may be a part of this course. Students will also participate in exhibits, including the Ewing High School art show in the spring.

Advanced Placement® AP Art and Design Program

The Advanced Placement® (AP®) Art and Design program enables highly-motivated students to do college-level work in studio art while still in high school. The AP® Art and Design examination requires the student to submit a portfolio of work for evaluation. The College Board completes this evaluation at the end of the school year. Advanced Placement® work involves significantly more time and commitment than most high school courses. Therefore, the program is intended for students who are seriously committed to studying art. Students participating in the program should strive to produce high-quality artwork, and their submitted portfolios should reflect this intention.

VA324-10 AP Art and Design

10 credits: (This is a full year course taken in the fall and spring semesters)

Grades: 11-12

Prerequisite: Minimum grade of 90 in Art III and/or a portfolio interview

This course is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues that will be addressed. Traditional drawing techniques, painting, printmaking and mixed media, as well as abstract, observational, and inventive works will be explored. During the first marking period, students will elect to begin a portfolio of 2-D or 3-D works. **Completing the end of course AP® Art Portfolio (2-D or 3-D) is a requirement for enrollment in an AP® Art course. There will be no cost to students to submit the AP® Portfolio.**

WORLD LANGUAGES DEPARTMENT

In our increasingly shrinking world, knowledge of a language other than English is becoming more of a necessity every day. Job applicants who are bilingual have an advantage over their competitors. The necessity for acquiring a second language recently became more compelling for all high school students when our state moved to require one year of world language study for graduation. And, of course, the continuing demand of colleges that applicants have proficiency in a language other than English has long been a compelling reason for selecting a course in the World Language Department. At Ewing High School, students have the option of studying French, and Spanish.

- *All courses with an * meet the minimum graduation requirement of 5 credits within the World Language Department.*
- *All courses listed are considered College and Career Preparatory unless otherwise noted.*
- *All students will be placed at the CCP level unless teacher and supervisor evaluation of the student portfolio of speaking, writing, reading and writing tasks determines readiness at the Honors or Advanced Placement level.*

WLF101 **French I CCP ***
5 credits Grades: 9-12
Prerequisite: Recommended that ninth grade students take a World Language

Through dialogues and basic reading materials, the student learns vocabulary and grammar structures. Pronunciation and letter-sound correspondences are emphasized. This course integrates listening, speaking, reading, writing, and culture for the purpose of developing proficiency in all skills.

WLF201 **French II CCP**
5 credits Grades: 9-12
Prerequisite: Successful completion of French I

Students with above-average academic skills should enroll in this course. French II reinforces and expands the vocabulary and grammar structures learned in French I. This course continues to integrate the skills of listening, speaking, reading, writing, and culture. There is a greater emphasis on speaking French in the classroom.

WLF200 **French II Honors**
5 credits Grades: 9-12
Prerequisite: 75 in Honors French II or 85 in French I CCP or by Supervisor recommendation

This course continues to integrate the skills of listening, speaking, reading, writing, and culture. There is a greater emphasis on speaking French in the classroom.

WLF301 **French III CCP**
5 credits Grades: 10-12
Prerequisite: Successful completion of French II

A continuation of work to begin in French II will take place. All language skills will be stressed, with greater emphasis on reading, writing, and speaking. The student will converse about given topics and compose original paragraphs.

WLF300 **French III Honors**
5 credits Grades: 10-12
Prerequisite: 75 in French II Honors and 85 in French II CCP.
All language skills will be stressed, with a greater emphasis on reading, writing, and speaking. The student will converse about given topics and compose original paragraphs.

WLF401 **French IV CCP**
5 credits Grades: 11-12
Prerequisite: Successful completion of French III

This course aims to perfect and refine the language skills learned during the first three years of French. Students will participate in discussions and read original structures. Cultural study will be included, with emphasis on French writers and artists. Students are expected to use French on a daily basis.

WLF400 French IV Honors
5 credits Grades: 11-12
Prerequisite: 75 in French III Honors and 85 in French III CCP

This course will further develop the student's proficiency in all language skills. Both oral and written communication are stressed. Students are expected to use French on a daily basis. The student is also exposed to French culture in greater depth. The course is conducted entirely in French, with increased emphasis on literature, composition, and conversation. A review of French grammar will be included through practical application.

WLF504 French AP®
5 credits Grade: 12
Prerequisite: 75 in French IV Honors and 85 in French IV CCP

Strong focus on reading, listening, speaking, and writing will be the centerpiece of this rigorous program. Students will be prepared to take the AP® Examination for French Language and Culture. By scoring at an acceptable level, students may earn college credit for this course. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test.**

WLS101 Spanish I CCP*
5 credits Grades: 9-11
Prerequisite: It is recommended that ninth grade students take a World Language

Through dialogues and basic reading materials, the student learns vocabulary and grammar structures. Accuracy in pronunciation will be stressed, as well as the relationship of sounds to the spelling of the language. This course integrates listening, speaking, reading, writing, and culture for the purpose of developing proficiency in all skills.

WLS201 Spanish II CCP
5 credits Grades: 9-12
Prerequisite: Successful completion of Spanish I

The course reinforces and expands the vocabulary and grammar structures learned in Spanish I. The course continues to integrate the skills of listening, speaking, reading, writing, and culture. There is greater emphasis on speaking Spanish in the classroom.

WLS200 Spanish II Honors
5 credits Grades: 9-12
Prerequisite: 75 in Spanish I Honors or 85 in Spanish I CCP

Reinforcing and expanding the vocabulary and grammar structures learned in Spanish I, are the main concerns of this program. The course continues to integrate the skills of listening, speaking, reading, writing, and culture. This is a class that involves maximum use of the target language by the teacher and students.

WLS301 Spanish III CCP
5 credits Grades: 10-12
Prerequisite: Successful completion of Spanish II

Students will continue to refine and deepen their proficiency in the target language. All language skills will be stressed with a greater emphasis on reading, writing, and speaking. The student will converse about given topics and compose original paragraphs. This class is conducted in Spanish as much as possible and students are encouraged to use Spanish daily.

WLS300 Spanish III Honors
5 credits Grades: 10-12
Prerequisite: 75 in Spanish II Honors and 85 in Spanish II CCP

All language skills will be stressed with a greater emphasis on reading, writing and speaking. The student will be expected to be increasingly more adept with the target language. This will include the ability to converse about given topics and compose original paragraphs. This is a class that involves maximum use of the target language by the teacher and students.

WLS401 Spanish IV CCP

5 credits

Grades: 11-12

Prerequisite: Successful completion of Spanish III

This course aims to perfect and refine the language skills learned during the first three years of Spanish. Students will participate in discussions and read original structures. Cultural study will be included, with emphasis on Spanish writers and artists. Students are expected to use Spanish on a daily basis.

WLS400 Spanish IV Honors

5 credits:

Grades: 11-12

Prerequisite: 75 in Spanish III Honors and 85 in Spanish III CCP

This course will further develop the student's proficiency in all language skills. Both oral and written communication are stressed. Students are expected to use Spanish on a daily basis. The student is also exposed to Spanish culture in greater depth. The course is conducted entirely in Spanish, with increased emphasis on literature, composition, and conversation. A review of Spanish grammar will be included through practical application.

WLS504 Spanish AP®

5 credits

Grade: 12

Prerequisite: 75 in Spanish IV Honors and 85 in Spanish IV CCP

Strong focus on reading, listening, speaking, and writing will be the centerpiece of this rigorous program. Students will be prepared to take the AP® Examination for Spanish Language and culture. By scoring at an acceptable level, students may earn college credit for this course. **Taking the end of course AP® Test is a requirement for enrollment in an AP® course. There will be no cost to students to take the AP® test**

MERCER COUNTY TECHNICAL SCHOOLS

The Mercer County Technical School District offers opportunities for students to participate in career and technical education programs while in high school. The programs prepare students for college and careers. Many of the programs allow students to earn college credit and/or industry certification for the work completed in high school. Students may apply online at www.mcts.edu. Upon submission of the online application, the Counseling Department will be notified.

Most high school students apply for shared-time programs in 10th grade. First-year students typically attend in 11th grade from 8:00AM to 10:45AM and return to their home school for lunch and academic classes. Second-year students typically attend in 12th grade from 11:45AM to 2:30PM after completing their academics and lunch at the home school. Individual class schedules for shared-time students are completed by EHS School counselors, ensuring that each student has all the necessary requirements for high school graduation.

Students who elect to attend the Mercer County Technical School programs will continue to identify Ewing as their home school. This includes the ability to participate in extracurricular activities and sports. On full days of school, students will have lunch at Ewing High School, if it can be scheduled. Transportation to and from the technical schools will be provided. Students will earn 20 credits toward graduation for each year of successful completion of the career and technical education program.

Most programs are for **two years** with the exception of identified **one-year** programs. There is no cost to Mercer County resident high school students. If a student fails to meet his/her obligations at the technical school (attendance, punctuality, proficiencies, etc.) the student can, and probably will, be dropped from the program with the loss of 20 credits toward graduation. **Please note that students cannot apply to be a part of VoTech for their senior year if they did not participate their junior year.**

2024-2025 PROGRAMS APPLY ONLINE at www.mcts.edu (*) College Credit Earned

ASSUNPINK CENTER
1085 Old Trenton Road
Trenton, NJ 08690
Phone: 609-586-5144
Fax: 609-586-1709

ARTHUR R. SYPEK CENTER
129 Bull Run Road
Pennington, NJ 08534
Phone: 609-737-9785
Fax: 609-737-3951

MERCER COUNTY COMMUNITY COLLEGE CAREER PREP (12th graders only)
1200 Old Trenton Road
Trenton, NJ 08550
Phone: 609-570-3400
Fax: 609-586-4985

- ✓ Carpentry (*)
- ✓ Diesel Technology (*)
- ✓ Electrician (*)
- ✓ Computer Game Programming
- ✓ Heating, Ventilation, Air Conditioning and Refrigeration Technology (*)
- ✓ Carpentry (*)
- ✓ Pre-Nursing (*)

- Automotive Collision Technology (*)
- Automotive Technology
- Cosmetology
- Culinary Arts (*)
- Graphic Design (*)
- Horticulture & Turf Care Management (*)

- Advertising and Design (*)
- Aviation (*)
- Business Studies (*)
- Communication (*)
- Criminal Justice (*)
- Culinary and Pastry Arts (*)
- Dance (*)
- Entertainment Technology: Music Technology (*)
- Entertainment Technology: Technical Theater (*)
- Exercise Science (*)
- Fashion/Apparel Design (*)
- Fashion Merchandising (*)
- Fire Science Technology (*)
- Gaming (*)

- Hospitality Management (*)
- Information Technology (*)
- New Media and Journalism (*)
- Photography (*)
- Pre-Engineering (*)
- Radio and Television Production (*)
- Theater (*)
- Visual Arts (*)

Ewing High School Student Academic Progress Planner

GRADE 9	Credits	Grade	GRADE 10	Credits	Grade	SUBJECT	CREDITS
English I	5		English II	5		[5] English I [5] English II	20
Health & PE I	5		Health & PE II	5		[5] English III [5] English IV	
Algebra I	5/10		Geometry	5/10		SOCIAL STUDIES	15
Earth Science/Environmental or Biology	5		Biology or Earth Space/Environmental	5		[5] World History [5] US History I [5] US History II	
World History	5		US History I	5		WORLD LANGUAGE	.5
World Language	5		Financial Literacy	5		MATHEMATICS	15
Elective	5		Visual/Performing Arts	5		[5] Algebra I [5] Geometry [5] Algebra II	
Elective	5		Elective	5		SCIENCE	20
Total			Total			[5] Earth/Space [5] Biology [5] Any Science [5] Any Science, Math, or approved Technology	
Total to Date			Total to Date				
GRADE 11	Credits	Grade	GRADE 12	Credits	Grade		
English III	5		English IV	5		VISUAL & PERFORMING ARTS	5
Health & PE III	5		Health & PE IV	5		HEALTH & PE	20
Algebra II <i>*Or approved 3rd math course if student passed Algebra I in Grade 8</i>	5/10		Science, Math or approved Technology of Choice	5		[5] PE/Health I [5] PE/Health II [5] PE/Health III [5] PE/Health IV	
Chemistry, Physics, Environmental Science	5		Electives	25		FINANCIAL LITERACY OR LIFE & CAREER PREP	5
US History II	5					CAREER/CONSUMER EDUCATION	5
Electives	15					ELECTIVES	5
Total			Total			TOTAL CREDITS SCHEDULED	160
Total to Date			Total to Date			MINIMUM CREDITS NEEDED FOR GRADUATION: 140	
						Beginning with the class of 2029: Minimum Credits needed for Graduation 120	

NOTE: Student must successfully complete State Testing Requirements * A student who successfully completes Algebra I in Grade 8 will take Geometry, Algebra II, and a third approved math course while at EHS in order to meet the 15 credit mathematics requirement.