Eastern Regional High School
Box 2500 Laurel Oak Road
Voorhees, NJ 08043

Curriculum Handbook
2026-2027

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EASTERN CAMDEN COUNTY REGIONAL SCHOOL DISTRICT

MISSION STATEMENT

The Eastern Camden County Regional School District is committed to an exemplary educational program based upon the New Jersey Student Learning Standards, as adopted by the State Board of Education, that inspires and prepares life-long learners who contribute to society as caring, productive and responsible individuals.

VISION

At Eastern Regional, students make the connection to life-long learning.

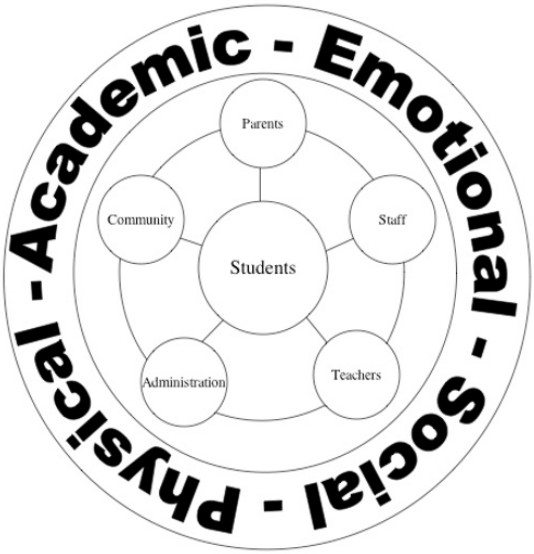
Academically, students are both nurtured and challenged as they explore an array of disciplines through a variety of opportunities. Teachers design curriculum to foster the development of skills that will enable students to function effectively in a rapidly changing global and technological society. Teachers base instruction on the firm belief that every student can learn. School staff, together with community resources, integrates career and educational planning to assist students as they begin to explore future employment opportunities.

Physically, students are protected within a safe school environment where respect for the individual and an appreciation of diversity are of utmost importance. In addition, students are supported and encouraged to develop healthy practices that will enable them to live a full, active and energetic life.

Socially, students are valued and respected for both their unique qualities and their youthful perspective. The students, their parents, the school staff, and the local community realize that education is a responsibility shared by all.

Emotionally, students are encouraged to take pride in their accomplishments whether they are academic, artistic, athletic, personal or career-related. The development of self-esteem, personal responsibility and self-respect is integrated into every aspect of the school experience.

Learning is a Dynamic Life Long Process



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YOUR HIGH SCHOOL PROGRAM

The educational programs at Eastern Regional High School are developed to assist each student in discovering his/her aspirations, aptitudes, and achievements. All programs and courses are open to all students. No student shall be denied access to any course offering on the basis of race, sex, national origin, color, creed, religion, ancestry, economic status, or handicap. Since post-secondary school requirements for employment, college, and post-secondary training are constantly changing, students must frequently re-evaluate their immediate and long-term goals. The guidance staff is available year-round to assist students and/or parents in developing an appropriate program of studies.

Beyond the state and local requirements, students are encouraged to select courses that best fit their potential. Since career goals often evolve slowly, each year's course selection process requires a review of completed courses and courses in progress. The following questions should be considered when selecting a course.

Will the course:

- Meet high school graduation requirements?
- Reflect an aptitude or significant proficiency level?
- Provide requisite knowledge for post-high school plans leading to career choices?
- Meet college entrance requirements?
- Meet NCAA initial eligibility?

NCAA ELIGIBILITY

Students who are considering participation in sports in a National Collegiate Athletic Association (NCAA) college must satisfy NCAA requirements. For details about NCAA eligibility, student-athletes should:

- Consult with their high school counselor;
- Evaluate information regarding student-athletes on the NCAA website; and
- Review information regarding NCAA Eligibility on the Eastern website.

GRADUATION REQUIREMENTS

It is the policy of the Board of Education to provide learning opportunities and programs, which are appropriate to the abilities, needs, and interests of students in order that they may successfully complete an appropriate course of studies leading to graduation. The Board of Education shall award the same high school diploma regardless of the program of studies completed by students. A diploma, therefore, represents only the accumulation of credits; it does not guarantee acceptance into schools to further one's education.

It is necessary that a student's program comply with the statute and administrative code of the State of New Jersey, the requirements established by the District Board of Education, and sound principles of education before a diploma will be granted. In order to graduate a pupil must:

- Pass all required State assessments
- Earn a total of 120 Credits
- Meet the district attendance policy
- Complete the Senior Essay
- Pass the following courses:

Content Area	Requirement
English Language Arts	4 years
World History/Cultures	1 year
United States History	2 years
Algebra 1	1 year
Geometry	1 year
Math—3rd year	1 year
Biology	1 year
Science—2nd Year	1 Year
Science—3rd Year	1 Year
World Language	1 year
Health & Physical Education	4 years
Visual and Performing Arts	1 year
Career/Consumer/Family Life Skills/Vocational and Technical Education	1 year
Financial, Economic, Business, and Entrepreneurial Literacy*	1 semester

**This 2.5 credit graduation requirement may be earned through one of several course offerings in the business and social studies departments. Such courses are designated with a '♦'.*

High School Program Planner and Worksheet

Use the following sheet when planning your high school course selections.

Notes:

- A student must be scheduled for a minimum of 30 credits each year (unless enrolled in an approved Option 2 program).
- Within the school day, students should be scheduled for eight classes (unless enrolled in an approved Option 2 program).
- In order to graduate, a student must accumulate at least 120 credits.
- In order to be eligible for fall and winter extra-curricular activities, a student must have earned at least 30 credits during the prior school year.
- In order to be eligible for spring extra-curricular activities, a student must pass at least 15 credits at the end of the first semester.

	Grade 9	Grade 10	Grade 11	Grade 12	Required for Graduation	
					Years	Credits
English					4	20
Social Studies					3	15
Mathematics					3	15
Science					3	15
World Language					1	5
Health & Physical Education					4	3.75 per year
Visual and Performing Arts					1	5
21st Century Life and Careers					1	5
Financial, Economic, Business, and Entrepreneurial Literacy *					0.5	2.5
Electives						
Total Credits						120

**This 2.5 credit graduation requirement may be earned through one of several course offerings in the business and social studies departments. Such courses are designated with a '♦'.*

Elective Requirements

Students are required to earn five credits in "Visual and Performing Arts" and "21st Century Life and Careers" electives. Selection of one full-year course or two-semester courses will fulfill the five-credit requirement. Students are also required to earn 2.5 credits in "Financial Literacy." Please review course descriptions for the courses below to see prerequisites and grade level requirements for each elective.

Visual & Performing Arts **(5 credits required for graduation)**	**21st Century Life & Careers** **(5 credits required for graduation)**
AP Studio Art: Drawing AP Studio Art: 2D Design Art 1, 2, and 3 Art of Crafts 5cr Basic Musicianship/Guitar Computer Graphics 1 Computer Visual Arts (SEMESTER) Concert Choir Introduction to Theater Handbells 1 and 2 Introduction to Animation (SEMESTER) Jazz Band Jazz Ensemble Honors* Marching Band Intro to Music Theory AP Music Theory Music Production and Technology 1 and 2 Photography Visual Arts 1 and 2 Pottery Select Strings Honors* Select Choir Honors* Select Chorale Honors* String Orchestra Symphonic Band Wind Ensemble Honors*	Accounting 1** Accounting 1 Honors** Accounting Honors 2 Architecture 1 and 2 Architecture/Engineering Drawing 3 Building Trades 1 (SEMESTER) Building Trades 2 and 3 Business Law (SEMESTER) Coding AP Computer Principles AP Computer Science Culinary Arts Drone Aviation and Flight Mechanics Engineering Drawing 1 and 2 Engineering Robotics 1, 2, and 3 Engineering Work Based Learning Entrepreneurship (SEMESTER)** Fashion 1, 2, and 3 Gifted and Talented 1, 2, 3, and 4 Interior Design 1 and 2 Intro to AI and Machine Learning Accelerated Intro to Data Science Honors Investments** Management (SEMESTER) Marketing 1 Marketing 1 and 2 Honors Preschool Child Development 1 and 2 Programming Honors Social Media Accelerated TV/Media Production 1 and 2 Woodworking 1 (SEMESTER) Woodworking 2 and 3
Financial Literacy **(2.5 credits required for graduation)**	
Accounting 1 Accounting 1 Honors Entrepreneurship (SEMESTER) Investments AP Macroeconomics AP Microeconomics Modern American Issues Accel (SEMESTER) Personal Financial Literacy (SEMESTER)	

** by audition only*
***also fulfills Financial Literacy requirement*

High School Graduation Assessment Requirements

Students in need of meeting the testing graduation requirement will be scheduled in courses and programs designed to meet the requirements. Such programs and enrollments will influence a student's schedule. New Jersey graduation assessment requirements are linked HERE.

Three-Year Graduation

Students must apply for the three-year program in writing and receive approval from the principal prior to the beginning of their sophomore year.

A student participating in a three-year high school graduation program must complete all course requirements as prescribed by the Board of Education with the exception of a fourth year of Health and Physical Education. This includes earning 120 credits and passing all competency assessments as required by the New Jersey Department of Education. Students seeking three-year graduation may be limited to course availability.

Guidance Services

The courses at Eastern Regional High School provide students with the opportunity to meet their educational needs in accordance with their individuality and aspirations. Beyond the state and local graduation requirements, students are encouraged to select courses that best match their potential and aspirations. The counseling staff is available to discuss a student's program as often as necessary.

Parents/guardians are expected to assist their child in the development of a curriculum plan. We encourage parents to monitor their child's performance and progress. School counselors are resources to both students and adults in the development and monitoring of educational programs and are available for consultation. Additionally, school counselors conduct individual and group programs to help students with the planning process.

MASTER SCHEDULE

The high school master schedule and staffing are determined by the course selections of the students. Every effort will be made to accommodate a student's course requests. Exceptions may include courses being closed due to high student demand, insufficient student interest in a course, and administrative discretion. To ensure optimum class enrollment, the administrative team reserves the right to designate student placement within the master schedule.

Since increasing the number of courses with the adoption of the rotating bell schedule, it is extremely important for students to select alternative elective courses. The increased number of courses creates the possibility that some courses will not have sufficient enrollment to run in the master schedule, while other elective courses will exceed capacity. Courses will not be scheduled if there is inadequate enrollment and/or budgetary constraints.

Study Hall

Study Hall may be selected by any grade level student. A request for two Study Hall classes in a senior's schedule may require approval by the principal, based on considerations of the senior's overall schedule of classes.

Students in Advanced Placement science courses must select a Study Hall or select from a limited number of partial courses to accommodate a lab period. The limited partial courses may not align with certain science labs, and alignment of multiple AP science courses may limit availability of other courses in a student's schedule.

Freshman students are highly recommended to select a Study Hall to accommodate the *Freshman Studies* program offered during the Study Hall class. The *Freshman Studies* program engages students in activities and exposes students to beneficial strategies to succeed in high school as well as plan for their future college and career success. The *Student Alliance* program, with support from guidance counselors, leads the *Freshman Studies* program. Successful Eastern students in grades 10-12 assist freshmen in their transition to high school and beyond. Allowable exceptions for bypassing a Freshman Study Hall include any band course, choir course, Advanced Placement Human Geography, or Gifted and Talented Seminar 1.

Senior early release privilege (late arrival or early dismissal) does not apply to an assigned Study Hall due to a medical (or other) exemption from physical education.

Independent Study

Students who have exhausted all Eastern course offerings in a particular area may apply for Independent Study.

- An Independent Study application is required and due by March 31st. Students should see the course teacher for the application.
- The Independent Study must be coordinated with a certified staff member in the appropriate content area.
- The Independent Study must take place during the regular school day and will be included as one of the student's regularly scheduled courses.

- Only a *Pass or Fail* grade may be earned for an independent study course. Students will be awarded 5.0 credits for a full year independent study, and the independent study will be documented on their transcript. Independent Study grades are not calculated in a student's cumulative GPA.

Change of Schedule Procedure

The process of selecting an academic program is one in which many people are involved and which requires several months of preparation and consultation. Student course selections are made after serious deliberation with the student, parents, faculty, and counselor. The selection program is designed to meet the student's personal and educational goals. Changes from this program are not encouraged and may not be possible; therefore, it is essential that the original selections be given careful and thoughtful consideration. When considering a schedule change be aware of the following stipulations:

- No course request changes can be made after April 30th of the current academic year.
- The only notable exception to this would be a change necessitated by the completion of courses in summer school, or failure to complete designated prerequisites.
- Requests for specific teachers will not be accepted.
- Classes will not be changed for the purpose of changing teachers within the same course.
- Study Hall classes will not be changed due to student preference.

Academic Level Change Procedures

Students, faculty and parents are urged to seriously consider the reasons for an academic level change, for changes can have an adverse effect on the student's program. This should be done only after much thought and consultation. All requests for an academic level change in schedule must be requested by a parent or guardian to the department area supervisor. The student must attend three extra help sessions, and department approval must be given prior to a level change. Please note that accumulated grades will transfer with the student to the new course and thus will contribute to the new course's average. **Students have 45 school days to change academic levels.**

Dropping a Course

Many courses, particularly electives, do not present an opportunity for an academic level change. Requesting to leave a course without an option for a level change is considered *Dropping a Course*. A *dropped course* is processed as a withdrawal from the course and will result in placement in a study hall. Dropping a course to a study hall is a serious matter and is usually discouraged. This should be done only after much thought and consultation. A request to drop a course must be submitted in writing by the parent/guardian and student, and submitted to the student's guidance counselor. A *dropped course* does not impact GPA. Dropping a course will be represented on the student's transcript as follows:

Semester Course

- If the course is dropped prior to completion of 25 school days after the beginning of the semester, the course will not appear on the student's transcript.
- If the course is dropped after completion of 25 school days after the beginning of the semester (at the time of withdrawal), a W/P (Withdraw Passing) or W/F (Withdraw Failing) will appear on the student's transcript, based on the grade at time of withdrawal.

Full Year Course

- If the course is dropped prior to completion of 45 school days, the course will not appear on the student's transcript.
- If the course is dropped after completion of 45 school days a W/P (Withdraw Passing) or W/F (Withdraw Failing) will appear on the student's transcript, based on the grade at time of withdrawal.

Senior Early Release

- **Students will have 45 school days to request a schedule change to accommodate Senior Early Release.**

Credit Requirements

1. All students are required to take a minimum of 30 credits per year (unless enrolled in an approved Option 2 program, including *Senior Early Release*). Credits per year are capped. A student may enroll in a maximum

of 40 credits during the school year (additional credits for lab periods are permissible) and one advanced credit course (5 credits max).

Students seeking exemptions from required courses during the academic school year via online options will be scheduled for a full study hall in lieu of the required course (unless enrolled in an approved Option 2 abbreviated schedule). Partial study halls for AP science labs do not fulfill this requirement. A numerical grade for the online course will be reflected on the student's transcript and credits will be awarded. Any online courses taken during the academic school year will not count towards GPA.

2. In order to be promoted to the twelfth grade, a student must have sufficient credits to complete high school graduation requirements by the end of summer school following the senior year.
3. To assure extra-curricular eligibility and graduation within a four-year period, it is recommended that students earn at least 30 credits per year.

Grade to Grade	Retained	Promoted
9 to 10	27 credits or less	27.5 credits or more
10 to 11	57 credits or less	57.5 credits or more
11 to 12	79 credits or less	Students with a minimum of 80 credits must be scheduled for enough credits to graduate

4. High School Athletic Eligibility (*Must pass a minimum of six courses*)

   New Jersey Interscholastic Athletic Association Eligibility Rules apply to all boys' and girls' varsity, junior varsity, and freshman interscholastic teams. Students and parents must accept responsibility for ensuring that their NJSIAA Eligibility requirements are met. Questions concerning eligibility rules and status should be directed to your school counselor, vice-principal of athletics, or coach immediately. Eligibility Requirements are as follows

   - Fall and Winter Sports – 30 credits earned previous year
   - Spring Sports – 15 credits earned 1st semester

Guidelines for College Preparation

Through courses in English, Mathematics, Science, World Language and Social Studies, students will gain the requisite academic knowledge, technical and critical thinking skills for college level work in the 21st century.

Academic Units: The academic unit is the term normally used by colleges and universities to express a quantitative evaluation of high school courses acceptable as preparation for college. A full year academic course is evaluated as one unit; a semester course is evaluated as a half unit. Admissions requirements by four-year institutions generally require that a student complete a minimum of four academic units per year of high school. Colleges and universities determine what courses qualify as academic units. Generally speaking, courses in English, Mathematics, Science, World Language and Social Studies are acceptable. Physical Education and electives are not considered academic units.

World Language: The required **minimum years of study** for four-year college applicants is **two years of the same language** taken during high school, grades 9 – 12.

SPECIAL PROGRAMS

College at Eastern/Dual Credit

Eastern Regional School District, in partnership with Camden County College (CCC), Stockton University, and Rowan University provides opportunities for Eastern students to expedite progress towards a college degree while saving money towards college tuition. Students may earn college credits ranging from one college course to substantial progress towards an associate's degree. College credits earned within a college major program earned while at Eastern, may serve to meet credit towards the first two years of an equivalent bachelor's degree program at various in-state and out-of-state four-year colleges.

Eastern oversees and authorizes the awarding of high school credit **only**. The awarding of college credit is overseen and authorized by the receiving college. Representatives from the respective colleges and universities are available for consultation to assist with research of credit transfer policies to colleges of a student's considerations. Students participating in College at Eastern programs may enroll in an abbreviated schedule. All graduation requirements must be able to be fulfilled with four or fewer classes in order to participate in an abbreviated schedule. The College at Eastern program abbreviated schedule option is an exception from the 30-academic credit requirement.

Consult the College at Eastern Handbook for detailed information.

STEM Academy

Students entering Eastern Regional High School in 2025 and beyond have access to STEM Pathways and Concentrations that have been developed to support students' specific areas of interest. These pathways provide a core sequence of classes that prepare students for college and careers. Upon successful completion of a STEM pathway students will earn recognition of completion and may be eligible for college credits, industry credentials, or certifications.

Advanced Credit/Online/College Courses for High School Credit

High school credit can be earned for courses taken online under the following conditions:

- The student and guardian will make a request to the guidance counselor. If the student will be making a request for Senior Early Release Privilege, then requests must be made by June 1.
- The principal (or designee) must approve all courses.
- All courses must be approved prior to registration.
- The institution must be accredited.
- The course must be at a high school level or above.
- Students are permitted to take courses after September 1 of the students 9th grade year
- The learning must be guided and must have an evaluation component (tests and/or projects).
- All courses will be evaluated based on Eastern curriculum and/or New Jersey Student Learning Standards.
- To be awarded credit, the student must submit a transcript or report card summary from the institution.
- All grades will be recorded numerically on a student's transcript.
- Courses will not count in the student's GPA or class rank.
- For Advanced Credit, students may not enroll prior to May 1.
- Credits that determine grade level promotion must be submitted by August 15.
- All students can earn a maximum of 5 advanced credits via an online course per year.
- The school will not be held responsible for payment nor will they have to provide a mentor, a site administrator, or any instructors for any reason. Courses outside of Eastern are at the expense of the student.
- The student must be approved by the institution and meet its requirements to take courses as a high school student
- It is the student's responsibility to notify any provider of NCAA obligations and determine the course's eligibility for Clearinghouse. For certain online providers, potential NCAA athletes will be required to test the midterm and final under a proctored situation, in school, by appointment.

Non-Eastern Course During the School Year

The district allows for students to seek and enroll in courses outside of the high school. The course must be approved prior to enrollment. Courses outside of Eastern are at the expense of the student. All credit requirements still apply. Students seeking exemptions from courses during the academic school year via online options will be scheduled for a full study hall in lieu of the required course (unless enrolled in an approved Option 2 abbreviated-schedule). Partial study halls for AP science labs do not fulfill this requirement. A numerical grade for the online course will be reflected on the student's transcript and credits will be awarded. Any online courses taken during the academic school year will not count towards GPA.

Basic Skills/Portfolio Appeal Program

State required proficiency in English Language Arts and Mathematics is mandated to meet graduation requirements. Students who do not demonstrate proficiency through graduation assessments will be placed into the appropriate course(s) based upon the results of standardized tests and/or State assessments. ***Senior students needing to demonstrate proficiency for mathematics or English to meet graduation requirements must be scheduled for Basic Skills Instruction, respectively.***

Senior Academic Privilege

Eligible senior students may arrive to school late or leave early on specific days when a study hall in their schedule occurs during Period 1 in the AM-Wheel (Late Arrival) or Period 6 in the PM-Wheel (Early Dismissal). On these days,

Late Arrival students must sign in at the Attendance Office prior to Period 2, and Early Dismissal students must sign out at the Attendance Office prior to Period 6. Students are responsible for their own transportation.

Senior privilege does not apply to an assigned Study Hall due to a medical (or other) exemption from physical education.

Senior Early Release Privilege

Eligible senior students, in good standing to graduate, may select a schedule of four courses. The four courses must include the graduation requirements of English and Health & Physical Education, a core subject elective, and an elective in a non-core subject. The Senior Early Release option is an exception from the 30-academic credit requirement as long as all graduation requirements are scheduled to be met during the senior year. Students who are approved for an abbreviated schedule will maintain that schedule throughout the school year, provided the student remains in good standing in academics, attendance, and discipline. Seniors with Early Release may remain on campus during Lunch and Learn to take advantage of academic support offered during the lunch hour. Students **must** sign out at the attendance office at the end of their last class or at the end of the lunch period. Students are responsible for their own transportation upon departure. Senior Early Release students do not qualify for Senior Academic Privilege (Late Arrival/Early Dismissal)

SPECIAL EDUCATION

When a student experiences difficulties within the general education classroom and all documented intervention modifications have been unsuccessful, and it is believed that the student may have a disability, the student shall be referred for an evaluation to determine eligibility for special education programs and services. A student suspected of having a disability is referred to the school's Child Study Team to determine the need for a comprehensive educational evaluation. The Child Study Team is comprised of a school psychologist, a learning disabilities teacher consultant, and a school social worker.

A student's eligibility for special education services is determined by the Child Study Team in consultation with the student's parents and teachers, as well as other support staff and is based on assessments conducted by the team. A student is classified "eligible for special education and related services" when it is determined the student has a disability that adversely affects the educational performance and the student is in need of special education supports and services. Eligible students are provided with an Individualized Education Program (IEP), which is designed to meet the individual needs of the student.

Students with disabilities who receive special education services are afforded the same opportunities for course selection as students without disabilities. Course selection is driven by a student's Individualized Education Program (IEP) and is delivered either within the general education classroom without support, in the general education classroom with in-class support, in the general education classroom with in-class replacement instruction, or through resource center instruction outside of the general education classroom.

ACADEMIC LEVELS

All courses are assigned a level of difficulty in one of four categories. In structuring these levels, the following criteria has been established:

- Complexity of content and pace of instruction
- Difficulty and amount of reading material
- Abstract reasoning and problem-solving skills
- Integration of previously learned material
- Quality and frequency of homework and independent assignments
- Level of mastery of course proficiencies

College Prep: Courses are designed to prepare students for post-secondary education and the workplace. *Courses are intended for students needing intensified instruction in academic skills. The preparation of students for success on standardized assessments is a priority.* Student placement will be determined by previous academic achievement and consideration of standardized test scores.

Accelerated: *Accelerated Courses are intended for students with grade-level academic skills. Developing critical analysis skills is a primary objective of Accelerated instruction.* Student placement will be determined by previous academic achievement.

Honors: Courses designed as Honors are intended for students who are well above grade level in their academic skills. *Honors courses require students to be highly organized and willing to assume responsibility for the heightened volume and standard of Honors-level academic work.* Substantive critical analysis within a content-rich academic environment forms the heart of the Honors academic routine. Student ability level will be determined by previous academic achievement.

Advanced Honors/Advanced Placement: Courses designed as Advanced Placement (AP) are taught under guidelines established by The College Board. AP courses are college-level courses. Students enrolled in AP courses

will be challenged at the highest level of academic difficulty available in a high school setting. The AP curriculum consists of a high level of rigor in content complexity and requires significant independent learning by the student. Students who take AP courses may elect to take the accompanying Advanced Placement Examination given at the conclusion of the course. If a student earns a grade of 3, 4, or 5 on an AP exam it is possible to receive college credit for that particular AP course. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

Academic Level	Students are expected to:	Content will be taught via:	Student Supports
College Prep	Work toward mastery of the content Complete all in-class and homework assignments Gain general knowledge of the "how and why" of concepts investigated	Activities Some Lecture Technology-based lessons Homework assignments, which may be started in class Projects done in class	Activities requiring the use of critical thinking skills will be guided A variety of assessments will be used, providing students with multiple opportunities to demonstrate mastery of skills and concepts
Accelerated	Work towards mastery of the content Complete all in-class and homework assignments Gain general knowledge of the "how and why" of concepts investigated	Activities Some Lecture Technology-based lessons Homework assignments designed to augment classwork and reinforce concepts Projects done primarily outside of class	A variety of assessments will be used, providing students with multiple opportunities to demonstrate mastery of skills and concepts Some guidance on activities, which require the use of critical thinking skills to complete
Honors	Work towards mastery of the content Complete all in-class and homework assignments Be able to work independently Gain a deep understanding of the "how and why"	Activities Lectures Technology-based lessons Homework designed to reinforce and apply concepts and to introduce new material Projects requiring the application of material, which will be done outside of class	A variety of assessments with more weight for tests and quizzes Students will complete activities which require critical thinking without teacher guidance
Advanced Honors & Advanced Placement	Work towards mastery of the content Complete all in-class and homework assignments Be able to work independently Gain a deep understanding of the "how and why" and apply this knowledge to new situations	Activities Lectures Technology-based lessons Homework assignments designed for application and self-assessment Projects requiring the application of material, which will be done outside of class Activities which require the use of critical thinking skills to complete	Assessments will prepare students for the advanced placement exams Students will monitor their own progress and understanding of the material, seeking additional support when needed

ACADEMIC PREREQUISITES

To advance to the next higher academic level, a student must earn a minimum final grade of 83 in the current level of that course, or receive a recommendation from the teacher and/or department supervisor.

Students are required to earn a minimum grade of 74 to enroll in the next sequential course at that same academic level.

A Course Request Waiver form is available to a student who does not meet the minimum grade requirements and has not received departmental recommendation. If a student enrolls in a course using a Course Request Waiver, a level change request or a request to drop the course will be denied unless extraordinary circumstances are demonstrated. Such requests will be strictly scrutinized by administration to understand the underlying reason for the request as well as the student's commitment and dedication to: (1) preparing for all course activities and assessments, (2) completing all course assignments, (3) attending extra help sessions with the teacher and attending academic support, and (4) mitigating other extra-curricular activities that interfere with the time necessary to succeed in the course.

Sequential Prerequisites: In sequential courses, successful completion of the previous course is the prerequisite.

Specialized Sequential Prerequisites:

- Placement in English 1 CP and Algebra 1 CP will consider 7th and 8th grade State assessment results.
- Science course prerequisites may contain both science and math components.
- A movement upwards two academic levels or more from one year to the next (i.e., Accelerated to Advanced Placement; CP to Honors), requires a Course Request Waiver form.

GRADING SCALE

A = 92 - 100 **B** = 83 - 91 **C** = 74 - 82 **D** = 65 – 73 **F** = 64 and below

W/P and W/F will be issued to students who are withdrawing from courses and have met the required time in the course. No credit will be issued for W/P and W/F. (See Dropping a Course description.)

W/P – Students having a passing grade at the time of withdrawal

W/F – Students having a failing grade at the time of withdrawal

No student will be assigned a grade lower than a '50' for the first semester in a full year course. A student must earn a grade of '50' or above in the second semester for a full year course, regardless of final average, to pass a course for the year.

GPA Calculation

Seniors with a GPA of 88 to 91.9 at the end of the first semester, as calculated using the weighted system, will graduate with honors (silver tassel). Seniors with a GPA of 92 and above at the end of the first semester, as calculated using the weighted system, will graduate with high honors (gold tassel). GPA will be calculated to three (3) decimal places.

There are two systems for calculating Grade Point Average, an un-weighted and a weighted scale. The weighted system will only consider courses that are from the academic disciplines of English, World Language, Mathematics, Science, Social Studies, Gifted/Talented Seminar, courses designed as Honors, and all Advanced Placement Courses. Class rank is not reported on transcripts. (In addition, College Admission exam scores, such as SAT, ACT, and AP will not appear on transcripts.)

Ranking Systems

Un-weighted system – All courses are given equal weight and value (This is in effect for ALL students). All courses a student takes and all the grades in the courses are included in determining grade point average. This includes courses that are repeated to make up a failure or to improve a grade. Courses taken through a county college or university will not count toward a student's calculated GPA. This GPA calculation procedure treats all courses equally, regardless of academic challenge or academic difficulty. For GPA Calculations: Multiply the final numeric grade by the credit value of each course divided by the total credits attempted.

Weighted System – Only subjects in the five content areas of English, World Language, Mathematics, Science, Social Studies, Gifted/Talented Seminar, Advanced Placement and all other courses designed as Honors courses are included in the weighted GPA calculation system. This includes courses that are repeated to make up a failure or to improve a grade. Courses taken through a county college or university will not count toward a student's calculated GPA. Each subject is assigned a numerical value, according to its "academic challenge," which determines the number of points added to the final grade for the course. The adjusted final grade is then multiplied by the number of credits earned. The product of this process is then divided by the total academic course credits attempted.

	Value 1	Value 2	Value 3	Value 4
	Advanced Placement/ Advanced Honors	Honors	Accelerated	CP
Points Added to Final Grade	10	6	3	0

This academic weighted ranking system will apply to all students including transfer students. Courses taken in these academic disciplines at other schools will also be included in this system. Foreign Exchange students will not be included in either the weighted or equal class ranking systems, as they are guests of the Eastern Board of Education.

Remedial Courses: A remedial course is a course taken to remediate a previous failing grade. When a student fails a course (Y2 grade less than 65%), the original grade earned remains permanently on the official transcript and is not subject to removal, replacement, or alteration. Students who successfully complete an approved credit recovery course will have that course recorded separately on the transcript with a grade designation of Pass (P) or No Credit (NC). Upon successful completion, the student will be awarded the credit associated with the original course, which will count toward graduation requirements. Credit recovery grades are not assigned a letter or numerical grade and do not factor into a student's GPA calculation. Remedial courses must meet all of the same requirements as listed above under "Advanced Credit/Online Courses for High School Credit."

Enrichment Courses: An enrichment course is a course previously passed which may be retaken in an attempt to improve the grade and enhance GPA. Both courses will be reflected on the transcript and calculated into the GPA. The enrichment course grade does NOT replace the original grade. Students will not receive duplicate credit for courses previously passed. Enrichment courses will count towards the 40 credit per school year cap or as the 5 credit "Advanced Credit" during the summer. If an academic level is not indicated for the enrichment course, the course will be deemed as "CP" level and calculated as such. All enrichment courses must be approved prior to enrollment.

COURSE DESCRIPTIONS

ENGLISH & COMMUNICATIONS

Summer Reading Requirements for English Courses: Refer to the Eastern Website
www.eccrsd.us>Academics>Departments>English>Summer Reading and Programs

ENGLISH 1 CP (XN14)

Grade: 9 5 Credits Year

Prerequisite: None

This course aims at identifying beginning skills in the foundations of various forms of composition and attendant mechanics, reading, vocabulary, listening, and speaking. A variety of literature and informational text (i.e. novels, short stories, dramas, informational, biographical, scientific texts, and primary source documentation) will be introduced through independent reading, in-class reading, and class discussion. Students will be expected to recite public speeches, participate in debates, and contribute to graded or non-graded classroom discussions. Students will also recognize the various types of writing, including in-depth literary analysis and introductory high school research methods.

ENGLISH 1 ACCELERATED (XN13)

Grade: 9 5 Credits Year

Prerequisite: None

This course aims at developing skills in the fundamentals of various forms of composition and attendant mechanics, reading, vocabulary, listening, and speaking. A variety of literature and informational text (i.e. novels, short stories, dramas, primary source documentation) will be introduced through independent reading and class discussion. Students will be expected to develop public speeches, explain and participate in debates, and contribute to graded or non-graded classroom discussions. Students will also practice the various types of writing, including in-depth literary analysis and introductory high school research methods.

ENGLISH 1 HONORS (XN12)

Grade: 9 5 Credits Year

Prerequisite: Prior English course (83)

This course aims at applying skills in the fundamentals of various forms of composition and attendant mechanics, reading, vocabulary, listening, and speaking. A variety of literature and informational text (i.e. novels, short stories, dramas, primary source documentation) will be explored through independent reading and class discussion. Students will be expected to develop public speeches, design and participate in debates, and contribute meaningfully to graded and non-graded classroom discussions. Students will also show proficiency in the various types of writing, including in-depth literary analysis and high school research methods.

ENGLISH 1 ADVANCED HONORS (XN11)

Grade: 9 5 Credits Year

Prerequisite: Prior English course (83)

This course aims at relating and building students' skills of innovation and synthesis among the various forms of composition and attendant mechanics, reading, vocabulary, listening, and speaking. A variety of canonical literature and relevant informational text (i.e. novels, short stories, poetry, dramas, informational, biographical and scientific texts) will be explored through independent reading and class discussion. Students will be expected to compose and critique public speeches, design and evaluate arguments and contribute meaningfully to graded and non-graded classroom discussions. Students will also demonstrate superior proficiency in the various types of writing, including in-depth literary analysis, and a major research paper over the course of the school year. Note: All reading for this class is done independently. A minimum of twelve books (novels, dramas and informational texts) will be explored in this course. Grammar and vocabulary at the college level will also be a regular part of the instruction.

ENGLISH 2 CP (XN24)

Grade: 10 5 Credits Year

Prerequisite: English 1 CP

This course aims at identifying and developing cognitive skills in the foundations of various forms of composition and attendant mechanics, reading, vocabulary, listening, and speaking. A variety of world literature and informational text (i.e. novels, short stories, dramas, informational, biographical, scientific texts, and primary source documentation) will be introduced through independent reading, in-class reading and class discussion. Students will be expected to engage in public speeches, participate in debates and contribute to graded or non-graded classroom discussions. Students will also recognize the various types of writing, including in-depth literary analysis and introductory high school research methods.

ENGLISH 2 ACCELERATED (XN23)

Grade: 10 5 Credits Year

Prerequisite: English 1 Accelerated

This course aims at continuing to develop skills in the fundamentals of various forms of composition, reading, vocabulary, listening, and speaking. A minimum of three novels, various forms of poetry, and other texts (i.e. short stories, dramas, primary source documentation) of world literature will be explored through independent reading and class discussion. Students will develop public speeches, explain and participate in debates, and contribute to graded or non-graded classroom discussions. Students will also practice the various types of writing, including in-depth literary analysis and continued work on high school research methods, including a sophomore research paper.

ENGLISH 2 HONORS (XN22)

Grade: 10 5 Credits Year

Prerequisite: English 1 Honors

This course aims at applying skills in the fundamentals of various forms of composition, reading, vocabulary, listening, and speaking. A minimum of four novels, various forms of poetry, and other texts (i.e. short stories, dramas, primary source documentation) of world literature will be explored through independent reading and class discussion. Students will develop public speeches, design and participate in debates, and contribute meaningfully to graded and non-graded classroom discussions. Students will also show proficiency in the various types of writing, including in-depth literary analysis and high school research methods, including a sophomore research paper.

ENGLISH 2 ADVANCED HONORS (XN21)

Grade: 10 5 Credits Year

Prerequisite: English 1 Advanced Honors

This course aims at relating and applying students' skills of analysis, synthesis and evaluation among the various forms of composition and attendant mechanics, reading, vocabulary, listening, and speaking. A variety of worldly literature and relevant (current) informational text (i.e. novels, short stories, poetry, dramas, informational, biographical, and scientific texts) will be explored through independent reading and class discussion. Students will be expected to research, compose and critique public speeches, design and evaluate arguments, and contribute meaningfully to graded and non-graded classroom discussions. Students will also demonstrate superior proficiency in the various types of writing, including in-depth literary analysis, and a major research paper over the course of the school year. Note: All reading for this class is done independently. A minimum of twelve texts (novels, dramas, poetry, and informational texts) will be explored in this course. Grammar and vocabulary at the college level will also be a regular part of the instruction.

ENGLISH 3 CP (XN34)

Grade: 11 5 Credits Year

Prerequisite: English 2 CP

This curriculum is designed to prepare students for post-secondary education and a competitive workplace by fostering a strong work ethic and encouraging individual student development. A minimum of two classic American works of fiction and non-fiction novels, two dramas, various forms of poetry, short fiction selections, and current events are explored through in-class readings, activities, and independent readings. Students also participate in a long-term, MLA style research paper, utilizing proper note taking skills, on-line and database materials, on-line research applications, and synthesized writing formats. Grammar and college level vocabulary are an integral part of the course curricula, as well as informal writing, formal correspondence, and discourse. Major literary selections include, but are not limited to: Miller's *The Crucible*; Fitzgerald's *The Great Gatsby*; Hansberry's *A Raisin in the Sun*; and Albom's *Tuesdays with Morrie.*

ENGLISH 3 ACCELERATED (XN33)

Grade: 11 5 Credits Year

Prerequisite: English 2 Accelerated

Throughout the year a survey of American literature from the settlement of the region to the present will be covered. Varied authors and genres will be explored and evaluations will cover a wide array of oral and written assignments and projects. An emphasis on preparation for senior English and collegiate coursework coupled with an overview of past themes and skills will be reinforced throughout the year. Cognitive thinking skills and vocabulary acquisition will be paramount in preparation for the varied measures that junior students will encounter.

ENGLISH 3 HONORS (XN32)

Grade: 11 5 Credits Year

Prerequisite: English 2 Honors

This course aims at applying skills in the various forms of composition (narrative, expository, persuasive, and description) and the attendant mechanics, reading, vocabulary, listening, and speaking. The course is a survey course of American literature as well as a course of college-level, informational texts that will be explored through independent reading, class readings, and class discussions. Students will be expected to develop public speeches, design and participate in debates, write numerous essays, research projects, and contribute meaningfully to graded and non-graded classroom discussions. Students will also show proficiency in the various types of writing, including in-depth literary analysis and high school research methods.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION (XN30) 🕮

Grade: 11 5 Credits Year

Prerequisite: English 2 Advanced Honors

The Advanced Placement English 3 course will prepare students to succeed on the Advanced Placement English Exam in English Language and Composition. Reading and analyzing nonfiction texts to study rhetorical modes and patterns of exposition will lay the groundwork for students' writing of expository and persuasive pieces, as well as the synthesis essay. In conjunction with their study of rhetorical devices in nonfiction, students will read selected master works of American fiction in thematic units designed to maximize proficiency in reading comprehension and language analysis skills such as diction, tone, figurative language, and irony/satire. This intensive survey class will require students from the outset to demonstrate comprehension of complex texts at the literal and inferential levels and to write competently in the expository mode. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

ENGLISH 4 CP (XN44)

Grade: 12 5 Credits Year

Prerequisite: English 3 CP

This challenging and exciting course of study helps students deepen their appreciation of literature by examining the far-reaching influence of the British tradition in literature. A chronological survey of the major ages in British literature is conducted through the study of epic and lyric poetry, romance tales, short and long fiction, satire, classical tragedy, contemporary drama, independent reading projects, supplementary informational sources, and other non-fiction sources. Students are appropriately challenged in the areas of writing (research, reading response, literary analysis, note-taking, reaction papers, creative, and other forms of essay writing), grammar (mechanics, usage, and style), vocabulary, and speaking and listening skills in order to prepare them for the demands of college and career. As a graduation requirement, students must complete the senior essay, a documented research paper.

ENGLISH 4 ACCELERATED (XN43)

Grade: 12 5 Credits Year

Prerequisite: English 3 Accelerated

This challenging and exciting course of study helps students deepen their appreciation of literature by examining the far-reaching influence of the British tradition in literature. A chronological survey of the major ages in British literature is conducted through the study of epic and lyric poetry, romance tales, short and long fiction, satire, classical tragedy, contemporary drama, independent reading projects, supplementary informational sources and other non-fiction sources. Students are challenged at high levels in the areas of writing (research, reading response, literary analysis, note-taking, reaction papers, creative, and other forms of essay writing), grammar (mechanics, usage, and style), vocabulary, and speaking and listening skills in order to prepare them for the demands of college and career. As a graduation requirement, students must complete the senior essay, a documented research paper.

ENGLISH 4 HONORS (XN42)

Grade: 12 5 Credits Year

Prerequisite: English 3 Honors

This challenging and exciting course of study helps students deepen their appreciation of literature by examining the far-reaching influence of the British tradition in literature. A chronological survey of the major ages in British literature is conducted through the study of epic and lyric poetry, romance tales, short and long fiction, satire, classical tragedy, contemporary drama, independent reading projects, supplementary informational sources and other non-fiction sources. Students are challenged at the highest levels in the areas of writing (research, reading response, literary analysis, note-taking, reaction papers, creative, and other forms of essay writing), grammar (mechanics, usage, and style), vocabulary, and speaking and listening skills in order to prepare them for the demands of college and career. As a graduation requirement, students must complete the senior essay, a documented research paper.

ADVANCED PLACEMENT ENGLISH: LITERATURE AND COMPOSITION (XN40) 🕮

Grade: 12 5 Credits Year

Prerequisite: Advanced Placement Language and Composition or English 3 Honor

The Advanced Placement English Literature and Composition course is designed to teach careful reading and critical analysis of imaginative literature as well as beginning college writing. As we follow the curricular requirements outlined in the A.P. Course Description, we will discuss and apply rhetorical concepts throughout the course and will write to understand, explain, and evaluate. Daily writing will include journal responses, free writing, formal essay practice, and substantial revision of multiple drafts in a workshop setting. A staple of the course is knowledge and integration of the language of literary study. In the process, you will refine your conscious choice of diction and the appropriate use of advanced reading vocabulary, your ability to create varied and effective syntactic structures, your capacity of coherence and logical organization, your ability to balance generalizations with specific and illustrative details, and, in sum, your ability to combine rhetorical processes into an effective whole. British literature will be the basis for most, but not all, of our reading and writing since this follows the general curriculum of the school district. American literature is the basis for all junior level English classes in the district. (Description accepted by the College Board, 2009-present.) ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

BASIC SKILLS INSTRUCTION (RZ13), (RZ15)

Grade: 12 | 2.5 Credits | Semester

Prerequisites: Non-Proficient Score on English State Standardized Testing Requirement

This course provides support for students who need to meet the state-testing requirement in English. Students will prepare a portfolio demonstrating their understanding of the New Jersey Student Learning Standards. **Senior students needing to demonstrate proficiency for English to meet graduation requirements must be scheduled for Basic Skills Instruction.**

ENGLISH ELECTIVES

JOURNALISM 1 HONORS (XN62)

Grades: 9-12 | 5 Credits | Year

Prerequisite: Commitment to challenging and rigorous writing expectations

Journalism is a co-curricular activity whose main mission is to publish the school newspaper, The Voyager, once a month. Students will gain both in-class instruction on newsgathering as well as hands-on application of creating the student newspaper. Students may take the course for three years, starting as freshman as a Journalism I student. The course is designed for those who love writing, and would love their writing to improve. Students also get real-life experience through in-depth reporting, interviewing, and researching skills. Students also learn Photoshop, Abode InDesign, and iMovie. Students will also learn the basics of photography and desktop publishing. The school newspaper is a high-profile activity where the whole school has the ability to read what you write – and have fun while doing so. The Voyager staff is a close-knit staff that acts like a real newsroom, with a variety of duties.

JOURNALISM 2 HONORS (XN72)

Grades: 10-12 | 5 Credits | Year

Prerequisite: Journalism 1

The primary objective of Journalism 2 is to produce the school newspaper, *The Voyager*. This course will concentrate heavily on the development of non-fiction writing and editing skills, information gathering, interviewing skills, and the ability to understand information from a variety of sources. The course relies on the individual student to bring his/her passion to subjects of interest to the class. Students will be responsible for writing, editing, designing, and laying out *The Voyager*, a twelve to sixteen-page paper published monthly. A special "senior" edition of *The Voyager* has also been published in June. Students will serve as field reporters, beat reporters, writers, editors, designers, publishers, and distributors. Students will also serve as vocal advocates for the paper.

JOURNALISM 3 HONORS (XN82)

Grade: 11-12 | 5 Credits | Year

Prerequisite: Journalism 2

Journalism 3 is designed for those who wish to enter the field of journalism or publishing, or for those who simply wish to improve their writing and editing skills, and who are interested in current events and the school community. Students will continue to press forward with bringing the news online to the school community. This course will concentrate heavily on the development of non-fiction writing and editing skills, information gathering, interviewing skills, and the ability to understand information from a variety of sources. The course relies on the individual student to bring his/her passion to subjects of interest to the class. Students will be responsible for writing, editing, designing, and laying out *The Voyager*, a twelve to sixteen-page paper published monthly. A special "senior" edition of *The Voyager* has also been published in June. Students will serve as field reporters, beat reporters, writers, editors, designers, publishers, and distributors. Students will also serve as vocal advocates for the paper. The Voyager has been recognized from the American Scholastic Press Association as a 1st place newspaper in the country, as well as by the Garden State Scholastic Press Association as Best Overall in Division A in New Jersey

PUBLIC SPEAKING (XN90) 🕮

Grades: 10-12 | 5 Credits | Year

Prerequisite: None

This course will provide students an advantage in every academic class. Taking a Public Speaking course will not only help students become effective speakers, it will also help students become successful life-long communicators. This course provides instruction and experience in preparation and delivery of speeches. Emphasis is on research, preparation, delivery, and evaluation of various types of speeches and public-speaking situations. Upon completion, students will be able to prepare and deliver effective, well-organized speeches with more confidence. Students will also be able to demonstrate the speaking, listening, and interpersonal skills necessary to be effective communicators in academic settings, in the workplace, and in the community.

SPORTS MEDIA AND COMMUNICATION (XN96)

Grades: 10-12 | 5 Credits | Year

Prerequisite: None

Students will explore all aspects of the media and sports through discussion, sports journalism, and exploration of all topical elements in the industry. Students will produce varied media highlighting athletics at Eastern HS and the region. Writing for newspapers, websites, podcasts, YouTube, TV, and radio will be examined and developed

SOCIAL MEDIA ACCELERATED (IC11) 🕮

Grades: 9-12 5 Credits Year

Prerequisite: Prior or Concurrent English course at the Accelerated level

Students will learn the basics of social media communication and branding by following people, businesses, and influencers online. Students will curate content and analyze brands and trends. Students will create a brand and produce content for a variety of media including blogs, podcasts, and social media.

Course Name	Course Number	Term	Grade	Credits	Value
English 1 CP	**XN14**	**Year**	**9**	**5**	**4**
English 1 Accelerated	**XN13**	**Year**	**9**	**5**	**3**
English 1 Honors	**XN12**	**Year**	**9**	**5**	**2**
English 1 Advanced Honors	**XN11**	**Year**	**9**	**5**	**1**
English 2 CP	**XN24**	**Year**	**10**	**5**	**4**
English 2 Accelerated	**XN23**	**Year**	**10**	**5**	**3**
English 2 Honors	**XN22**	**Year**	**10**	**5**	**2**
English 2 Advanced Honors	**XN21**	**Year**	**10**	**5**	**1**
English 3 CP	**XN34**	**Year**	**11**	**5**	**4**
English 3 Accelerated	**XN33**	**Year**	**11**	**5**	**3**
English 3 Honors	**XN32**	**Year**	**11**	**5**	**2**
AP English: Language & Composition 🕮	**XN30**	**Year**	**11**	**5**	**1**
English 4 CP	**XN44**	**Year**	**12**	**5**	**4**
English 4 Accelerated	**XN43**	**Year**	**12**	**5**	**3**
English 4 Honors	**XN42**	**Year**	**12**	**5**	**2**
AP English: Literature & Composition 🕮	**XN40**	**Year**	**12**	**5**	**1**
Basic Skills Instruction	**RZ13, RZ15**	**Semester**	**12**	**2.5**	**-**
Journalism 1 Honors	**XN62**	**Year**	**9, 10, 11, 12**	**5**	**2**
Journalism 2 Honors	**XN72**	**Year**	**10, 11, 12**	**5**	**2**
Journalism 3 Honors	**XN82**	**Year**	**11, 12**	**5**	**2**
Public Speaking 🕮	**XN90**	**Year**	**10, 11, 12**	**5**	**4**
Sports Media and Communication	**XN96**	**Year**	**10, 11, 12**	**5**	**4**
Social Media Accelerated 🕮	**IC11**	**Year**	**9, 10,11,12**	**5**	**3**

🕮 Dual credit available

TV AND MEDIA

TV/MEDIA PRODUCTION 1 (IM19)

Grades: 9-12 5 Credits Year

Prerequisite: None

This collaborative course immerses students in the dynamic realm of electronic communications, emphasizing both technical proficiency and creative collaboration. Through hands-on experiences with studio video cameras, camcorders, lighting, special effects devices, and audio recorders/mixers, students will engage in individual and group projects to acquire a comprehensive understanding of the phases of video production. The curriculum places a strong emphasis on teamwork, encouraging students to collaborate in development of content, from creating the original concept and scriptwriting to the recording and finally the editing. The course fosters an interactive learning environment where students develop design skills collectively, planning and producing a variety of materials for school, cable, and related platforms. Exploring digital technology in media, students will gain knowledge and skills that align with the evolving landscape of media. Students will become stronger visual storytellers, utilizing their new knowledge of filmmaking along with their artistic abilities, prior knowledge, and experiences.

TV/MEDIA PRODUCTION 2 (IM29) 🕮

Grades: 10-12 5 Credits Year

Prerequisite: TV/Media Production 1

Students will acquire knowledge and skills in advanced applications of the technical and creative skills and techniques learned in the introductory course. Students will demonstrate advanced hands-on learning in technology, lighting, advanced computer graphics and editing, and will have opportunities to refine perceptual, intellectual, physical and technical skills through on camera presence and delivery, producing, and directing. They will develop design skills for planning through practical experience of production work outside of class and knowledge in advanced Digital Technology. Students will utilize arts elements and arts media to produce productions appropriate for airing on ETV/Channel 19.

Course Name	Course Number	Term	Grade	Credits	Value
TV/Media Production 1	**IM19**	**Year**	**9, 10, 11, 12**	**5**	**-**
TV/Media Production 2 🕮	**IM29**	**Year**	**10, 11, 12**	**5**	**-**

🕮 Dual credit available

SOCIAL STUDIES

WORLD HISTORY CP (VW14)

Grades: 9-10 5 Credits Year

Prerequisite: None

This full year course studies the major developments in World History. Beginning with a review of classical civilizations course topics include: Transition from the Middle Ages to the Renaissance, The Age of Exploration, The Age of Absolutism, The Enlightenment, The French Revolution, The Industrial Revolution, The Rise of Nationalism, The Age of Imperialism, Global Treatment of World War I, Russian Revolution, The Interwar Years, Global Treatment of World War II, Modern War, Global Challenges. This course satisfies the World History requirement.

WORLD HISTORY ACCELERATED (VW13)

Grades: 9-10 5 Credits Year

Prerequisite: None

This full year course studies the major developments in World History. Beginning with a review of classical civilizations course topics include: Transition from the Middle Ages to the Renaissance, The Age of Exploration, The Age of Absolutism, The Enlightenment, The French Revolution, The Industrial Revolution, The Rise of Nationalism, The Age of Imperialism, Global Treatment of World War I, Russian Revolution, The Interwar Years, Global Treatment of World War II, Modern War, Global Challenges. This course satisfies the World History requirement.

WORLD HISTORY HONORS (VW12)

Grades: 9-10 5 Credits Year

Prerequisite: Prior social studies course (83)

This full year course studies the major developments in World History. Beginning with a review of classical civilizations course topics include: Transition from the Middle Ages to the Renaissance, The Age of Exploration, The Age of Absolutism, The Enlightenment, The French Revolution, The Industrial Revolution, The Rise of Nationalism, The Age of Imperialism, Global Treatment of World War I, Russian Revolution, The Interwar Years, Global Treatment of World War II, Modern War, Global Challenges. This course satisfies the World History requirement.

U.S. HISTORY 1 CP (VU34)

Grades: 10-11 5 Credits Year

Prerequisite: World History

This full year course studies the story of American History from Colonization through the 19th Century. Topics included: British Colonization and Colonial America, The Road to Revolution, The Revolutionary War, The Critical Period and Constitution, The Federalist Era, Jeffersonian Democracy, The Era of Good Feelings, The Age of Jackson and Reform, Manifest Destiny, Antebellum America and Sectionalism, The Civil War, Reconstruction, and The Gilded Age and Populism. This course satisfies one year of the two-year United States history requirement.

U.S. HISTORY 1 ACCELERATED (VH13)

Grades: 10-11 5 Credits Year

Prerequisite: World History Accelerated

This full year course studies the story of American History from Colonization through the 19th Century. Topics included: British Colonization and Colonial America, The Road to Revolution, The Revolutionary War, The Critical Period and Constitution, The Federalist Era, Jeffersonian Democracy, The Era of Good Feelings, The Age of Jackson and Reform, Manifest Destiny, Antebellum America and Sectionalism, The Civil War, Reconstruction, and The Gilded Age and Populism. This course satisfies one year of the two-year United States history requirement

U.S. HISTORY 1 HONORS (VH12)

Grades: 10-11 5 Credits Year

Prerequisite: World History Honors

This full year course studies the story of American History from Colonization through the 19th Century. Topics included: British Colonization and Colonial America, The Road to Revolution, The Revolutionary War, The Critical Period and Constitution, The Federalist Era, Jeffersonian Democracy, The Era of Good Feelings, The Age of Jackson and Reform, Manifest Destiny, Antebellum America and Sectionalism, The Civil War, Reconstruction, and The Gilded Age and Populism. This course satisfies one year of the two-year United States history requirement.

ADVANCED PLACEMENT U.S. HISTORY 1 (VU20)

Grades: 10-11 5 Credits Year

Prerequisite: World History Honors

This full year course studies the story of American History from Discovery through the 19th Century, as proscribed by Advanced Placement curriculum. Topics include: Discovery and Settlement of the New World, The Colonial Period, Background to Revolution, The American Revolution, The Critical Period and the Constitution, American History from 1789-1824, The Age of Jackson, Manifest Destiny, Antebellum America, The Civil War and Reconstruction, and American History in the Last Quarter of the 19th Century. This course satisfies one year of the two-year United States History requirement.

U.S. HISTORY 2 CP (VU44)

Grades: 11-12 5 Credits Year

Prerequisite: U.S. History 1

This full year course studies the story of American History from Industrialization through the 20th Century. Topics include: Industrialization, The Age of Expansion, Progressivism, World War I, the "Roaring" Twenties, The Great Depression and the New Deal, Prelude to World War II, The United States in World War II, Development of the Cold War (1945-1963), Truman and Eisenhower, The Civil Rights Struggle, The Challenges of the Cold War (1963-1990), Domestic Change (JFK & LBJ/1960's & Nixon/Ford/Carter/1970's), Foreign Policy 1975-2000, Reagan Revolution. This course satisfies one year of the two-year United States History requirement.

U.S. HISTORY 2 ACCELERATED (VH23)

Grades: 11-12 5 Credits Year

Prerequisite: U.S. History 1 Accelerated

This full year course studies the story of American History from Industrialization through the 20th Century. Topics include: Industrialization, The Age of Expansion, Progressivism, World War I, the "Roaring" Twenties, The Great Depression and the New Deal, Prelude to World War II, The United States in World War II, Development of the Cold War (1945-1963), Truman and Eisenhower, The Civil Rights Struggle, The Challenges of the Cold War (1963-1990), Domestic Change (JFK & LBJ/1960's & Nixon/Ford/Carter/1970's), Foreign Policy 1975-2000, Reagan Revolution. This course satisfies one year of the two-year United States History requirement.

U.S. HISTORY 2 HONORS (VH22)

Grades: 11-12 5 Credits Year

Prerequisite: U.S. History 1 Honors

This full year course studies the story of American History from Industrialization through the 20th Century. Topics include: Industrialization, The Age of Expansion, Progressivism, World War I, the "Roaring" Twenties, The Great Depression and the New Deal, Prelude to World War II, The United States in World War II, Development of the Cold War (1945-1963), Truman and Eisenhower, The Civil Rights Struggle, The Challenges of the Cold War (1963-1990), Domestic Change (JFK & LBJ/1960's & Nixon/Ford/Carter/1970's), Foreign Policy 1975-2000, Reagan Revolution. This course satisfies one year of the two-year United States History requirement.

ADVANCED PLACEMENT U.S. HISTORY 2 (VU30) 🕮

Grades: 11-12 5 Credits Year

Prerequisite: Advanced Placement U.S. History 1

This full year course studies the story of American History from the last quarter of the 19th Century through the 20th Century. Topics include: American Foreign Policy 1865-1914, Progressivism, World War I, The Jazz Age, The New Deal, World War II, Truman and Eisenhower, Kennedy and Johnson, Nixon/Ford/Carter, Reagan Revolution, "Recent" History 1992-2000. This course satisfies one year of the two-year United States history requirement. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

SOCIAL STUDIES ELECTIVES

ADVANCED PLACEMENT EUROPEAN HISTORY (VW11) 🕮 (NOT OFFERED IN 2026-2027)

Grades: 10-12 5 Credits Year

Prerequisite: Prior Honors social studies or English course

The course content deals with the political, social, economic, and aesthetic development of the European Continent from the Middle Ages to the Cold War. Students will be expected to involve themselves fully in a detailed, intensive academic sequence, utilizing primary and secondary source materials. Basic factual knowledge, to a large degree, will be mastered independently so that class time might be reserved for advanced academic activities. ***PLEASE NOTE:*** *The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

ADVANCED PLACEMENT HUMAN GEOGRAPHY (VG20) 🕮

Grades: 9-12 5 Credits Year

Prerequisite: Prior or Concurrently World History Honors

AP Human Geography presents high school students with the curricular equivalent of an introductory college-level course in human geography or cultural geography. Content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human–environment relationships on places, regions, cultural landscapes, and patterns of interaction. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

ADVANCED PLACEMENT MACROECONOMICS (VE30) ♦ 🕮 *(OFFERED IN 2026-2027)*

Grades: 11-12 5 Credits Year

Prerequisite: Algebra 1 Honors

Theoretical and practical concerns will include: supply and demand, the public sector, national-income accounting, the business cycle, inflation, unemployment, fiscal policy, the Federal Reserve System, monetary policy, supply side policies, and international trade and finance. Students selecting this course will be required to engage in extensive reading and analysis, active oral class participation and graphing and charting application assignments. *This course fulfills the Financial Literacy graduation requirement.* ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

ADVANCED PLACEMENT MICROECONOMICS (VE20) ♦🕮 *(NOT OFFERED IN 2026-2027)*

Grades: 11-12 5 Credits Year

Prerequisite: Algebra 1 Honors

Theoretical and practical concerns will include the traditional fields of supply and demand, theoretical & practical foundations of the business firm including cost/profit analysis and competitive markets, factors of productions markets such as the labor market, and the role of government in our economy. Students selecting this course should be prepared to engage in extensive reading and analysis, active oral class participation, and graphing and charting application assignments. *This course fulfills the Financial Literacy graduation requirement*. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test the student will be responsible for the payment of the testing fee.*

HISTORY VERSUS HOLLYWOOD, CONSPIRACY, AND FOLKLORE ACCELERATED (VM33)

Grades: 10-12 5 Credits Year

Prerequisite: *None*

This course is designed to allow students the opportunity to investigate history through various media sources and question conventional wisdom. History v. Hollywood, Conspiracies, and Folklore will provide an overview of the influence of media on historical events and challenge students to research, investigate, and support or refute the accuracy of historical claims made in films, documentaries, music, newspapers, magazine articles, and internet sources. Students will be exposed to concepts that allow them to think like a historian along with learning many 21st Century media literacy skills.

HOLOCAUST, GENOCIDE, AND CRIMES AGAINST HUMANITY HONORS (VM22) 🕮

Grades: 11-12 5 Credits Year

Students will explore various aspects of genocide, human behavior, and crimes against humanity. The Holocaust will be the focus of about half of the course with the remainder devoted to contemporary genocidal issues as well as human rights. Current events will also be explored. A variety of learning and teaching techniques will be employed which include interpretation of primary and secondary source materials/accounts, projects, historical film and literature, and personal experiences of survivors. Students will develop the 21st century skills of critical thinking, communication, collaboration and creativity.

MODERN AMERICAN ISSUES ACCELERATED (VM11) ♦

Grades: 10-12 2.5 Credits Semester

Prerequisite: None

This course is designed to allow students the opportunity to study issues in law, politics and economics confronting society today. The course will engage students with important historical foundations of American government, law, political activity, economic development, and personal finance. Moving from foundations to modern issues, the course will present students with "how" these issues play a role in society and impact their lives, now and in the future. This course will satisfy the personal financial literacy requirement.

PSYCHOLOGY ACCELERATED (VP14)

Grades: 11-12 2.5 Credits Semester

Prerequisite: None

This semester course offers an introduction to the study of psychology. Topics include: The History and Methodology of Psychology, The Biological Basis of Behavior, Sensation and Perception, States of Consciousness, Memory/Learning/Problem Solving, Stress and Health Psychology, Personality, Developmental Psychology, Abnormal Psychology and Treatments, Social Psychology, Motivation and Emotion, and Careers in Psychology.

ADVANCED PLACEMENT PSYCHOLOGY (VP10) 🕮

Grades: 11-12 5 Credits Year

Prerequisite: Prior Honors social studies or science course

Topics of study will include the biological basis of behavior, consciousness, learning, memory, and intelligence along with the study of developmental stages, personality theory, mental health, and social psychology. Abnormal behavior and its treatment will also be addressed. Students in this course will study, practice, and evaluate research methods used by psychologists. The development of research and critical thinking skills, written and oral expression, and preparation for the Advanced Placement examination in Psychology will be emphasized. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

SOCIOLOGY ACCELERATED (VS34) 🕮

Grades: 11-12 2.5 Credits Semester

Prerequisite: None

This semester course offers an introduction to the study of sociology. Students are introduced to the methods and procedures associated with behavioral science. Once this is accomplished, the course proceeds through a survey of the main elements of the social sciences. Units of study include introductions to cultural anthropology and psychology. Particular stress is then placed on a survey of sociology.

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS (VG10) 🕮

Grades: 11-12 5 Credits Year

Prerequisite: Prior Honors social studies or English course

This college level course will give students an analytical perspective on government and politics in the Unities States. Units of study include the following: Constitutional Underpinnings of US Government, Political Beliefs/Behaviors, Political Parties, Campaigns, Interest Groups, Mass Media, Congress, Presidency, Judiciary, Bureaucracy, Civil Rights, Civil Liberties, Public Policies of Social Welfare, the Military, and the Environment. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

ADVANCED PLACEMENT WORLD HISTORY (VW09) 🕮 ***(OFFERED IN 2026-2027)***

Grades: 10-12 5 Credits Year

Prerequisite: Prior Honors social studies or English course

This full year course follows the Advanced Placement World History curriculum centered upon the following topics in human history: Technological and Environmental Transformation, Organization and Reorganization in Human Societies, Regional and Trans-Regional Interactions, Global Interactions, Industrialization and Global Integration, and Accelerated Global Change and Realignment. This course satisfied the World History requirement. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

Course Name	Course Number	Term	Grade	Credits	Value
World History CP	**VW14**	**Year**	**9, 10**	**5**	**4**
World History Accelerated	**VW13**	**Year**	**9, 10**	**5**	**3**
World History Honors	**VW12**	**Year**	**9, 10**	**5**	**2**
U.S. History 1 CP	**VU34**	**Year**	**10, 11**	**5**	**4**
U.S. History 1 Accelerated	**VH13**	**Year**	**10, 11**	**5**	**3**
U.S. History 1 Honors	**VH12**	**Year**	**10, 11**	**5**	**2**
AP U.S. History 1	**VU20**	**Year**	**10, 11**	**5**	**1**
U.S. History 2 CP	**VU44**	**Year**	**11, 12**	**5**	**4**
U.S. History 2 Accelerated	**VH23**	**Year**	**11, 12**	**5**	**3**
U.S. History 2 Honors	**VH22**	**Year**	**11, 12**	**5**	**2**
AP U.S. History 2 🕮	**VU30**	**Year**	**11, 12**	**5**	**1**
AP European History 🕮 (Not Offered in 2026-27)	**VW11**	**Year**	**10, 11, 12**	**5**	**1**
History versus Hollywood, Conspiracy, and Folklore Accelerated	**VM33**	**Year**	**11, 12**	**5**	**3**
Holocaust, Genocide, and Crimes Against Humanity Honors 🕮	**VM22**	**Year**	**11, 12**	**5**	**2**
AP Human Geography 🕮	**VG20**	**Year**	**9, 10, 11, 12**	**5**	**1**
AP Macroeconomics ♦ 🕮 (Offered in 2026-2027)	**VE30**	**Year**	**11, 12**	**5**	**1**
AP Microeconomics ♦ 🕮 (Not Offered in 2026-2027)	**VE20**	**Year**	**11, 12**	**5**	**1**
Modern American Issues Accelerated ♦	**VM11**	**Semester**	**10, 11, 12**	**2.5**	**3**
Psychology Accelerated	**VP14**	**Semester**	**11, 12**	**2.5**	**3**
AP Psychology 🕮	**VP10**	**Year**	**11, 12**	**5**	**1**
Sociology Accelerated 🕮	**VS34**	**Semester**	**11, 12**	**2.5**	**3**
AP U.S. Government/Politics 🕮	**VG10**	**Year**	**11, 12**	**5**	**1**
AP World History 🕮 (Offered in 2026-27)	**VW09**	**Year**	**10, 11, 12**	**5**	**1**

♦ Course fulfills the Financial Literacy graduation requirement.
🕮 Dual credit available

GIFTED AND TALENTED

GIFTED AND TALENTED SEMINAR 1 (GF02)

Grade: 9-10 5 Credits Year

Prerequisite: Identification by locally applied criteria utilizing nationally normed instruments

Eligible students will be required to participate in discussion, individual research, and individualized skill development. Classroom instruction and activities will include: investigative research procedures, public speaking, life skills development, time management and advanced study skills. Students will complete research projects in chosen areas of interest, as they comprehend strengths or potential strengths that can be used as foundation for effective learning and creative productivity. The program seeks to develop growth in intellectual knowledge, useful academic and interpersonal skills, self-motivation, and personal creativity as students work to become creative producers. An advanced level of product is required.

GIFTED AND TALENTED SEMINAR 2 (GT11)

Grades: 10-11 5 Credits Year

Prerequisite: Gifted and Talented Seminar 1

Students will continue to develop the skills of communicating, researching, managing, organizing, problem solving, creative and critical thinking, and product preparation as they effect continuous, reflective growth within an enriched learning environment. Students will receive exposure to a variety of disciplines by participating in units on Ethics/ Philosophy, Social questions and self-study. Products of these units will reflect evidence of growth in content, concept and process as individual interests; abilities and learning styles are accommodated in the process of becoming creative producers. This course provides opportunity for gifted and talented students to be challenged to present an advanced level of product.

GIFTED AND TALENTED SEMINAR 3 (GT 21)

Grade: 11-12 5 Credits Year

Prerequisite: Gifted and Talented Seminar 1 or Seminar 2

Students' products will be an outgrowth of community research processes in which students define a community need, determine a possible solution, test the solution for approval and attempt to place the solution into effect within the local scene. Students will continue to develop the skills of communication, research, managing, organizing, problem solving, creative and critical thinking and product presentation at a real-world level and will operate within an environment, which fosters appropriate decision-making opportunities. Students will display evidence of superior abilities through the processes of project design, production and presentation and independent management of intellectual and organizational skills. This course provides opportunity for the gifted and talented student to be challenged to present a highly advanced level of product.

GIFTED AND TALENTED SEMINAR 4 (GT31)

Grades: 12 5 Credits Year

Prerequisite: Gifted and Talented Seminar 3

Students will be responsible for major projects during the year in which they will choose an area of study, develop with instruction an approach to gathering information and present a product that is creative and demonstrates a comprehension level of the chosen topic which exceeds expectations for quality of study presented by students of the individual's grade level. The student will choose product topics according to interests. In-depth research is required using a specific variety of sources and methodologies. Development of the skills of communicating, researching, managing, organizing, problem solving, creative and critical thinking and product preparation will occur with the agreement that the purpose of the course is to foster intelligence, persistence and creativity. This course provides opportunity for academically talented students to be challenged to present a highly advanced level of product.

Course Name	Course Number	Term	Grade	Credits	Value
Gifted & Talented Seminar 1	**GF02**	**Year**	**9, 10**	**5**	**2**
Gifted & Talented Seminar 2	**GT11**	**Year**	**10, 11**	**5**	**1**
Gifted & Talented Seminar 3	**GT21**	**Year**	**11, 12**	**5**	**1**
Gifted & Talented Seminar 4	**GT31**	**Year**	**12**	**5**	**1**

STEM: Science, Technology, Engineering, & Math

At Eastern, we understand the importance in emphasizing the connectivity between content in Science, Technology, Engineering and Mathematics (STEM). With a focus on STEM programming as a coordinated effort to expose students to STEM practices and to promote STEM careers, curriculum and coursework can be interdisciplinary. STEM practices are collaborative, engaging, and include hands-on inquiry learning in a higher-level thinking context.

Students with a STEM interest should review the STEM Academy pathways and concentrations.

MATHEMATICS

2026 Math Pathways Summary

Calculator Requirement: A graphing calculator is required for all courses, except College Transition Math. All courses will be taught using the TI-84 CE graphing calculator. Any student unable to acquire the required calculator must contact the math department supervisor.

ALGEBRA 1 CP (MA24)

Grades: 9 -12 | 5 Credits | Year

Prerequisite: None

Topics: Expressions, Equations, Inequalities, and Absolute Value; Functions, Linear Functions and equations, Systems of Equations and Inequalities, Exponents and Exponential Functions, Polynomials and Factoring, Quadratic Functions and Equations.

Students in Algebra I CP are highly recommended to select Robotics 1 or Architecture 1 as an elective.

ALGEBRA 1 ACCELERATED (MA23)

Grades: 9 -12 | 5 Credits | Year

Prerequisite: None

Topics: Expressions, Equations, Inequalities, and Absolute Value; Functions, Linear Functions and equations, Systems of Equations and Inequalities, Exponents and Exponential Functions, Polynomials and Factoring, Quadratic Functions and Equations.

Students in Algebra I Accelerated are highly recommended to select Accounting 1, Robotics 1, or Architecture 1 as an elective.

ALGEBRA 1 HONORS (MA22)

Grades: 9 -12 | 5 Credits | Year

Prerequisite: Successful with introduction to Algebra in 8th grade math course

Topics: Constructing, Solving, and Using Equations, Linear Equations, Inequalities, Absolute Value, and Interval Notation, Systems of Equations, Functions and Graphs, Exponents and Radicals, Polynomials, Quadratic Functions and Factoring. This course includes a variety of projects that require application of skills and processes included in the course.

GEOMETRY CP (MG24)

Grades: 9 -12 | 5 Credits | Year

Prerequisite: Algebra 1

Topics: Basic Figures and Constructions, Transformations, Definitions, Theorems and Postulates, If-Then Statements, Converses, Proving Theorems, Points, Lines, Rays Angles, Parallel Lines and Planes, Relationships with Triangles, Parallelograms and Special Quadrilaterals, Inequalities and Indirect Proof, Inequalities in Triangles, Similar Polygons, Right Triangles, Circles, Coordinate Geometry, Areas of Plane Figures, Surface Area and Volume of Solids.

GEOMETRY ACCELERATED (MG23)

Grades: 9 -12 | 5 Credits | Year

Prerequisite: Algebra 1 Accelerated

Topics: Basic Figures and Constructions, Transformations, Definitions, Theorems and Postulates, If-Then Statements, Converses, Proving Theorems, Points, Lines, Rays Angles, Parallel Lines and Planes, Relationships with Triangles, Parallelograms and Special Quadrilaterals, Inequalities and Indirect Proof, Inequalities in Triangles, Similar Polygons, Right Triangles, Circles, Coordinate Geometry, Areas of Plane Figures, Surface Area and Volume of Solids.

GEOMETRY HONORS (MG22)

Grades: 9 -12 5 Credits Year

Prerequisite: Algebra 1 Honors

Topics: Basic Figures and Constructions, Transformations, Definitions, Theorems and Postulates, If-Then Statements, Converses, Proving Theorems, Points, Lines, Rays Angles, Parallel Lines and Planes, Relationships with Triangles and Inequalities in Two Triangles, Parallelograms and Special Quadrilaterals, Inequalities and Indirect Proof, Inequalities in Triangles, Similar Polygons, Right Triangles, Circles, Coordinate Geometry, Equations of a Parabola, Areas of Plane Figures, Surface Areas and Volumes of Solids.

ALGEBRA 2 CP (MA44)

Grades: 10 -12 5 Credits Year

Prerequisites: Algebra 1 and Geometry

Topics: Functions, Equations and Graphs, Linear Systems of Equations, Quadratic Equations and Functions, Polynomial Functions, Rational Functions, Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, Rational Functions, Probability and Statistics, Periodic Functions.

ALGEBRA 2 ACCELERATED (MA43)

Grades: 10 -12 5 Credits Year

Prerequisites: Algebra 1 Accelerated and Geometry Accelerated

Topics: Functions, Equations and Graphs, Linear Systems of Equations, Quadratic Equations and Functions, Polynomial Functions, Rational Functions, Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, Probability and Statistics, Periodic Functions.

ALGEBRA 2 HONORS (MA42)

Grades: 10 -12 5 Credits Year

Prerequisites: Algebra 1 Honors and Geometry Honors

Topics: Functions, Equations and Graphs, Linear Systems, Quadratic Equations and Functions, Polynomial Functions, Rational Functions, Radicals and Rational Exponents, Exponential and Logarithmic Functions, Probability and Statistics. ***Includes an extended unit on trigonometry.***

INTEGRATED ALGEBRA 2 AND PRECALCULUS HONORS (MC41)

Grades: 10,11 10 Credits Year

Prerequisites: Geometry Honors

Topics: Functions, Equations, Inequalities, and Graphs, Linear Systems, Matrices, Quadratic Equations and Functions, Polynomial Functions and Inequalities, Analyzing Graphs of Functions, Exponential and Logarithmic Functions and their Applications, Rational Exponents and Radical Equations and Inequalities, Partial Fractions, Sequences and Series and their Applications, Probability and Statistics. Radian and Degree Measure, Trigonometric Functions and The Unit Circle, Right Triangle Trigonometry, Trigonometric Functions of Any Angle, Graphs of the Trigonometric Functions, Inverse Trigonometric Functions and their Graphs, Verifying and Using Trigonometric Identities, Applications of Trigonometric Functions, Mathematical Modeling, Polar Coordinate System, Limits, Continuity and Derivatives. **NOTE: This fast-paced, in-depth course is the equivalent of 2 full-year honors math courses, and is designed to provide motivated students with an accelerated pathway to courses beyond Calculus.**

BASIC SKILLS INSTRUCTION (RZ11), (RZ12)

Grade: 12 2.5 Credits Semester

Prerequisites: Non-Proficient Score on Math State Standardized Testing Requirement

This course provides support for students who need to meet the state-testing requirement in mathematics. Students will prepare a portfolio demonstrating their understanding of the New Jersey Student Learning Standards. **Senior students needing to demonstrate proficiency for mathematics to meet graduation requirements must be scheduled for Basic Skills Instruction.**

MATHEMATICS ELECTIVES

COLLEGE TRANSITION MATH (MA52)

Grade: 12 5 Credits Year

Prerequisites: Algebra 1, Geometry, and Algebra 2

This course enhances students' skills in the area of basic numerical processes and algebra to prepare students for further mathematics courses. Students earn Eastern high school elective credit for this course. This course does not meet the third-year mathematics high school graduation requirement. This course is designed as the equivalent to Camden County College's remedial developmental level math courses. Students demonstrating proficiency on the Camden County College assessment will earn placement recognition ONLY at Camden County College. All guidelines aligned to Camden County College requirements must be fulfilled to earn placement recognition. The use of calculators is prohibited in order to earn placement recognition. The course is instructed by Eastern faculty members approved by Camden County College. There is no cost for the course to earn the Camden County College placement recognition.

PRECALCULUS ACCELERATED (MC43)

Grades: 11-12 5 Credits Year

Prerequisites: Algebra 2 Accelerated and Geometry Accelerated

Topics: Radian and Degree Measure, Trigonometric Functions and The Unit Circle, Right Triangle Trigonometry, Trigonometric Functions of Any Angle, Graphs of the Trigonometric Functions, Inverse Trigonometric Functions, Verifying and Using Trigonometric Functions and Identities, The Laws of Sine and Cosine, Analyzing Graphs of Functions, Inverse Trigonometric Functions, Rational Functions, Conics. *Students may select only Precalculus Accelerated or Precalculus Honors, not both. These are non-sequential courses.* **Note, there is no CP level of this course. Students will not be permitted to change to another math elective.**

PRECALCULUS HONORS (MC42)

Grades: 11-12 5 Credits Year

Prerequisites: Algebra 2 Honors and Geometry Honors

Topics: Radian and Degree Measure, Trigonometric Functions and The Unit Circle, Right Triangle Trigonometry, Trigonometric Functions of Any Angle, Graphs of the Trigonometric Functions, Inverse Trigonometric Functions and their Graphs, Verifying and Using Trigonometric Identities, Applications of Trigonometric Functions, Analyzing Graphs of Functions, Mathematical Modeling, Polar Coordinate System, Rational Functions, Equations, and Inequalities, Radical Equations and Inequalities, Polynomial Equations and Inequalities, Partial Fractions, Exponential and Logarithmic Function and their Applications, Sequences and Series and their Applications, Conic Sections, Limits, Continuity and Derivatives. *Students may select only Precalculus Accelerated or Precalculus Honors, not both. These are non-sequential courses.*

CALCULUS HONORS (MC52) 🕮

Grade 12 5 credits Year

Prerequisite: Precalculus Honors) or Integrated Honors

Topics: The applications of derivatives and integrals as they relate to various topics including: optimization, related rates, position, velocity, and acceleration, determining volume and business problems.

ADVANCED PLACEMENT CALCULUS AB (MC60) 🕮

Grade 12 5 credits Year

Prerequisite: Precalculus Honors or Integrated Honors)

Topics: Limits, Derivatives and their Applications, Integrals and their Applications. **PLEASE NOTE**: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.

ADVANCED PLACEMENT CALCULUS BC (MC61) 🕮

Grade 12 5 credits Year

Prerequisite: Precalculus Honors or Integrated Honors

Topics: Limits, Derivatives and their Applications, Integrals and their Applications, The Fundamental Theorem of Calculus, Logistic Growth, Sequences and Series, Taylor and MacLaurin Polynomial Approximations, and Calculus Applications of Polar and Parametrically Defined Functions. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

MULTIVARIABLE CALCULUS (MC62) 🕮

Grade 12 5 credits Year

Prerequisite: AP Calculus BC

Topics: Multivariable calculus is the study of differential, integral, and vector calculus for functions of more than one variable. Multivariable Calculus is used in the physical sciences, economics, engineering, and computer graphics. Upon completion of this full year course, students will be able to extend differentiation and integration to vector-valued functions, apply vector tools to study curvature, study the motion of a particle along a path, extend the concepts and techniques of differential calculus to functions of several variables, compute partial derivatives, evaluate double and triple integrals, explore vector fields, explore integration over curves, paths, and surfaces, and solve applied problems. Multivariable Calculus is a rigorous course that builds on the skills and concepts students learned in AP Calculus BC. It is equivalent to a third semester of college level calculus.

PROBABILITY AND STATISTICS ACCELERATED (MP23) 🕮

Grades 11-12 5 credits Year

Prerequisite: Algebra 2 Accelerated)

Topics: Representing Data with Two Variables, Data Display and Description, Correlation and Regression, Probability and Counting Methods, Probability Distributions, The Normal Distribution, Confidence Intervals, and Hypothesis Testing. **Note: There is not a CP level of this course. Students will not be permitted to change to another math elective. This course follows dual credit curriculum with Camden County College.**

APPLIED STATISTICS (MP26)

Grade 12 5 credits Year

Prerequisite: Algebra 2

Non-tracked math course for the senior year. Students will explore topics within Probability and Statistics in a nontraditional manner with special focus on sports and statistical odds. Students will demonstrate their understanding of course material using alternative assessments including: individual or group projects, presentations, and statistical experiments. All alternative assessments on topics in this course will be applied to real world situations. Technology will be integrated throughout this course in order to assist the students in demonstrating their understanding of course material. Prior knowledge of sports and odds is not required. Topics will include: Representing Data with Two Variables, Data Display and Description, Correlation and Regression, Probability and Counting Methods, Probability Distributions, The Normal Distribution.

ADVANCED PLACEMENT STATISTICS (MS10) 🕮

Grades 11 – 12 5 credits Year

Prerequisite: Algebra 2 Honors

Topics: Exploring Data, Modeling Distributions of Data, Describing Relationships, Designing Studies, Probability, Random Variables, Sampling Distributions, Estimating with Confidence, Testing a Claim, Comparing two Populations or Groups, Inference for Distributions of Categorical Data, and Inference for Regression. A summer assignment is included in the course requirements. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

INTRODUCTION TO DATA SCIENCE HONORS

Grades: 11-12 5 credits Year

Prerequisite: Algebra 2 Honors

This course provides an overview of all stages of the data life cycle, enabling students to gain knowledge of foundational topics in data science and analytics. Topics include problem formulation, data collection and cleansing, data analysis, visualization, and communication of findings. Students will examine various types of data storage formats and some of the tools available for performing data science tasks. Data science software tools, programming languages like Python, and techniques will be integrated into all topics.

Course Name	Course Number	Term	Grade	Credits	Value
Algebra 1 CP	**MA24**	**Year**	**9**	**5**	**4**
Algebra 1 Accelerated	**MA23**	**Year**	**9**	**5**	**3**
Algebra 1 Honors	**MA22**	**Year**	**9**	**5**	**2**
Geometry CP	**MG24**	**Year**	**10**	**5**	**4**
Geometry Accelerated	**MG23**	**Year**	**9, 10**	**5**	**3**
Geometry Honors	**MG22**	**Year**	**9, 10**	**5**	**2**
Algebra 2 CP	**MA44**	**Year**	**11, 12**	**5**	**4**
Algebra 2 Accelerated	**MA43**	**Year**	**10, 11, 12**	**5**	**3**
Algebra 2 Honors	**MA42**	**Year**	**10, 11, 12**	**5**	**2**
Integrated Algebra 2 & Precalculus Honors	**MC41**	**Year**	**10, 11**	**10**	**2**
Basic Skills Instruction	**RZ11, RZ12**	**Semester**	**12**	**2.5**	**-**
College Transition Math	**MA52**	**Year**	**12**	**5**	**4**
Pre-Calculus Accelerated	**MC43**	**Year**	**11, 12**	**5**	**3**
Pre-Calculus Honors	**MC42**	**Year**	**11, 12**	**5**	**2**
Calculus Honors 🕮	**MC52**	**Year**	**12**	**5**	**2**
AP Calculus AB 🕮	**MC60**	**Year**	**12**	**5**	**1**
AP Calculus BC 🕮	**MC61**	**Year**	**12**	**5**	**1**
Multivariable Calculus 🕮	**MC62**	**Year**	**12**	**5**	**1**
Probability & Statistics Accelerated 🕮	**MP23**	**Year**	**11, 12**	**5**	**3**
Applied Statistics	**MP26**	**Year**	**12**	**5**	**4**
AP Statistics 🕮	**MS10**	**Year**	**11, 12**	**5**	**1**
Introduction to Data Science Honors	**MS14**	**Year**	**11, 12**	**5**	**2**

🕮 *Dual credit available*

SCIENCE

BIOLOGY CP (FB34)

Grades: 9-12 5 credits Year

Prerequisite: None

Concepts: Structure and Function, Matter and Energy in Organisms and Ecosystems, Interdependent Relationships in Ecosystems, Inheritance and Variation of Traits, Natural Selection and Evolution, Earth's Systems, Earth and Human Activity and Engineering Design.

BIOLOGY ACCELERATED (FB33)

Grades: 9-12 5 credits Year

Prerequisite: None

Concepts: Structure and Function, Matter and Energy in Organisms and Ecosystems, Interdependent Relationships in Ecosystems, Inheritance and Variation of Traits, Natural Selection and Evolution, Earth's Systems, Earth and Human Activity and Engineering Design.

BIOLOGY HONORS (FB32)

Grades: 9-12 5 credits Year

Prerequisite: Prior science course (83)

Concepts: Structure and Function, Matter and Energy in Organisms and Ecosystems, Interdependent Relationships in Ecosystems, Inheritance and Variation of Traits, Natural Selection and Evolution, Earth's Systems, Earth and Human Activity and Engineering Design. This class is an Advanced Placement Preparatory Program.

CHEMISTRY CP (FC34)

Grades: 10-12 5 credits Year

Prerequisite: None

Concepts: Structure and Properties of Matter, Chemical Reactions, Energy and Engineering.

CHEMISTRY ACCELERATED (FC33)

Grades: 10-12 5 credits Year

Prerequisites: Algebra I Accelerated and Biology Accelerated

Concepts: Structure and Properties of Matter, Chemical Reactions, Energy and Engineering.

CHEMISTRY HONORS (FC32)

Grades: 10-12 6 credits Year

Prerequisites: Algebra 1 Honors or Geometry Honors and Biology Honors

Concepts: Structure and Properties of Matter, Chemical Reactions, Energy and Engineering. This class is an Advanced Placement Preparatory Program.

PHYSICS CP (FP34)

Grades 11-12 5 credits Year

Prerequisites: None

Concepts: Matter and its Interactions, Motion and Stability Forces, Energy, Waves and their Applications, and Engineering. Physics will include the practical application of Algebra I.

PHYSICS ACCELERATED (FP33)

Grades 11-12 5 credits Year

Prerequisite: Algebra 1 Accelerated and Chemistry Accelerated

Concepts: Matter and its Interactions, Motion and Stability Forces, Energy, Waves and their Applications, and Engineering. Physics will include the practical application of Algebra I and Algebra II.

ADVANCED PLACEMENT PHYSICS 1 (FP31) 🕮

Grades 11-12 6 credits Year

Prerequisites: Geometry Honors (83), Algebra 2 Honors Prior or Concurrent and Chemistry Honors

Concepts: An Algebra-Based AP course. Topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. PLEASE NOTE: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.

ANATOMY AND PHYSIOLOGY HONORS (FB52) 🕮

Grade 12 6 credits Year

Prerequisite(s): Biology Honors

The student will be introduced to the organization of the human body with an emphasis on a histological and systems approach. Examination of cellular structure and physiology of each system will help the student learn how these systems interact to form the human organism. The major emphasis in this curriculum will be the examination of the human systems, which will include: integument, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. The course offers a double period laboratory experience once a cycle, which will be devoted to the examination of histology tissues**,** dissection of the organ specimens, utilization of models and experimentation in order to help the student understand the biochemical processes of human physiology.

ADVANCED PLACEMENT BIOLOGY (FB10) 🕮

Grades 10-12 6 credits Year

Prerequisite: Biology Honors Chemistry Honors Department Recommendation needed if concurrent with Chemistry Honors

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. A summer assignment is included in the course requirements. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

ADVANCED PLACEMENT CHEMISTRY (FC50) 🕮

Grades 11-12 6 credits Year

Prerequisites: Chemistry Honors and Algebra 2 Honors

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. A summer assignment is included in the course requirements. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

ENVIRONMENTAL SCIENCE ACCELERATED (FE33)

Grades 11-12 5 credits Year

Prerequisite: Biology Accelerated and Chemistry Accelerated

The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Environmental Science Accelerated is not a prerequisite for AP Environmental Science.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (FE31) 🕮

Grades 11-12 6 credits Year

Prerequisite: Biology Honors and Chemistry Honors

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. A summer assignment is included in the course requirements. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

FORENSIC SCIENCE (FF11) 🕮

Grades 11-12 5 credits Year

Prerequisite: Biology CP and Chemistry CP, CP level Math

This standards-based course will introduce students to methods of forensic science and criminology through application of life science and physical science. Case studies and lab activities will focus on developing critical thinking and analytical skills. Learn how law enforcement officials conduct investigations, collect crime scene evidence, and analyze samples to solve criminal mysteries. This course is an option for students who need a third year, standards-based lab science course to meet graduation requirements.

ADVANCED PLACEMENT PHYSICS C (FP40) 🕮

Grades 12 6 credits Year

Prerequisite(s): AP Physics I and concurrent with AP Calculus

AP Physics C: Mechanics is equivalent to a one-semester, calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus are used throughout the course. **AP Physics C: Electricity and Magnetism** is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus are used throughout the course. A summer assignment is included in the course requirements. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

Course Name	Course Number	Term	Grade	Credits	Value
Biology CP	**FB34**	**Year**	**9**	**5**	**4**
Biology Accelerated	**FB33**	**Year**	**9**	**5**	**3**
Biology Honors	**FB32**	**Year**	**9**	**5**	**2**
Chemistry CP	**FC34**	**Year**	**10**	**5**	**4**
Chemistry Accelerated	**FC33**	**Year**	**10**	**5**	**3**
Chemistry Honors	**FC32**	**Year**	**10**	**6**	**2**
Physics CP	**FP34**	**Year**	**11, 12**	**5**	**4**
Physics Accelerated	**FP33**	**Year**	**11, 12**	**5**	**3**
AP Physics 1* 🕮	**FP31**	**Year**	**11, 12**	**6**	**1**
Anatomy and Physiology Honors 🕮	**FB52**	**Year**	**12**	**6**	**2**
AP Biology* 🕮	**FB10**	**Year**	**10, 11, 12**	**6**	**1**
AP Chemistry* 🕮	**FC50**	**Year**	**11, 12**	**6**	**1**
Environmental Science Accelerated	**FE33**	**Year**	**11, 12**	**5**	**3**
AP Environmental Science* 🕮	**FE31**	**Year**	**11, 12**	**6**	**1**
Forensic Science 🕮	**FF11**	**Year**	**11, 12**	**5**	**4**
AP Physics C* 🕮	**FP40**	**Year**	**12**	**6**	**1**

**Students in AP science courses, to accommodate a lab period, must select a study hall or be eligible for a partial performing music course or partial gifted and talented course.*

🕮 *Dual credit available*

COMPUTER SCIENCE

CODING (BO70)

Grades: 9-12 5 Credits Year

Prerequisite: None

An introductory course that teaches the basics of computer science and programming. The main programming language taught in the class is Python. Students will also be introduced to web development using HTML.

PROGRAMMING HONORS (CP10) 🕮

Grades: 9-12 5 Credits Year

Prerequisite: Algebra 1

This course is designed for a student who wishes to develop fundamental skills in computer science. This introductory course will cover input, output, decision making structures, loops, methods, data structures and introductory algorithms. Students learn the essential skills in order to successfully incorporate computer science methodologies into their everyday thinking. Programming will be done in the JAVA language with Python and C being introduced as well. Students will learn to work independently and collaboratively on programming challenges.

ADVANCED PLACEMENT COMPUTER SCIENCE A (CC20) (OFFERED IN 2026-2027) 🕮

Grades: 10-12 5 Credits Year

Prerequisite: Programming Honors or Coding or AP Computer Science Principles or Completion of Algebra II

This course is equivalent to a first-semester college level course in computer science. It introduces students to programming in an object-oriented environment through the use of the JAVA programming language. Topics include user interfaces, program control, data structures, classes and program design, sorting, recursion, and linear collections. Students will learn how to approach solving problems in a systematic way that scales with the challenges facing modern computer science applications. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES (CC19) (NOT OFFERED IN 2026-2027)

Grades: 10-12 5 Credits Year

Prerequisite: Algebra 1

In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. **PLEASE NOTE:** The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.

DRONE AVIATION AND FLIGHT MECHANICS (IE31)

Grades: 10-12 5 Credits Year

Prerequisite: Engineering Robotics 1, Engineering Drawing 1, or Architecture 1

Students will Design, Assemble, Program, and Pilot an Unmanned Aerial Vehicle (UAV) or Drone. This course follows an FAA approved curriculum to provide students the necessary skills to safely and legally operate and maintain a UAV. Students will develop hands-on electrical and fabrication skills in order to properly assemble a UAV as well as using CAD software to design and test their ideas virtually. Students will apply these skills to gain experience in current and fledgling fields such as Drone Photography, Search and Rescue, Surveying and Land Mapping, Inspection, and many more. By the end of the course each student will have acquired an FAA license to pilot and operate a UAV.

ENGINEERING ROBOTICS 1 (IE14)

Grades: 9-12 5 Credits Year

Prerequisite: None

Course content includes: Machine/Tool Shop Safety, Reading/Producing Working Drawings, Using AutoCAD software, Robot programming with LabView, Metal Fabrication Techniques, Electronics Technology, Operating a Robot, Problem Solving and CNC Plasma Cutter projects. Students will design and build class Robots as well as a Robot that will compete in the First Robotics Competition. Participation in the *Robotics Club* is highly recommended.

ENGINEERING ROBOTICS 2 (IE16)

Grades: 10-12 5 Credits Year

Prerequisite: Engineering Robotics 1

Students will apply *Engineering Robotics* skills in order to design and create solutions to real world problems through the course of the year. The students will work closely with the Robotics Club Competition Team. Students will be responsible for four projects throughout the year: Improve Your Classroom, Improve Your School, Improve Your Community, and Improve Yourself. Students will enhance their skills with: 3D Industrial Design (CAD), Robotic Integration, Circuits and Digital Math, Java, Cheetah, Visual Basic and other programming languages, Material Fabrication, Design Process Implementation Skills, Product Marketing and Research, and Design Innovation.

ENGINEERING ROBOTICS 3 (IE17)

Grades: 11-12 5 Credits Year

Prerequisite: Engineering Robotics 2

Engineering Robotics 3 challenges students to fully immerse themselves into the field through the use of 3D design and simulation software, digital electronics, and advanced welding and fabrication techniques. Students will design robotic structures in virtual space using the Autodesk Fusion software suite. They will then be tasked with fabricating parts and assemblies using the 3D Printer and Plasma Cutter. Robotics 3 students will also have the opportunity to work on more diversified and smaller scale concepts/projects, including an Arduino Uno integrated microprocessor, radio-controlled car/boat development, drone design and programming. The successful designs would then be presented to fellow students, classes, and clubs throughout the year and entered into regional competitions such as TSA, First Robotics, BOTs, and other competitions.

INTRODUCTION TO ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ACCELERATED

Grades: 10-12 5 Credits Year

Prerequisite: Algebra 1 Accelerated

This project based, computer science centered course seeks to provide students a solid understanding of the branches of AI, its fundamental building blocks of programming, statistics and machine learning, and how to further grow their AI knowledge. This course will teach students the necessary programming in Python as well as the statistics to handle large data sets, write predictive and generative AI models and train and test those models to make reliable predictions and generate meaningful responses. This course is project based and expects students to work independently and in groups on applications of machine learning and generative AI.

Course Name	Course Number	Term	Grade	Credits	Value
Coding	**BO70**	**Year**	**9, 10, 11, 12**	**5**	**-**
Programming Honors 🕮	**CP10**	**Year**	**9, 10, 11, 12**	**5**	**2**
AP Computer Science A* (Not offered in 2025-26) 🕮	**CC20**	**Year**	**10, 11, 12**	**5**	**1**
AP Computer Principles*(Offered in 2025-2026)	**CC19**	**Year**	**10, 11, 12**	**5**	**1**
Engineering Robotics 1	**IE14**	**Year**	**9, 10, 11, 12**	**5**	**-**
Engineering Robotics 2	**IE16**	**Year**	**10, 11, 12**	**5**	**-**
Engineering Robotics 3	**IE17**	**Year**	**11, 12**	**5**	**-**
Drone Aviation and Flight Mechanics	**IE31**	**Year**	**10, 11, 12**	**5**	**-**
Introduction to AI and Machine Learning Accelerated	**CC22**	**Year**	**10, 11, 12**	**5**	**3**

**Courses offered in alternating years.*

🕮 *Dual credit available*

TECHNOLOGY, ENGINEERING, & CONSTRUCTION

ARCHITECTURE 1 (IE20)

Grades: 9-12 | 5 Credits | Year

Prerequisite: None

Students will develop their skills and experience to include various new techniques and applications of technical drawing with a strong emphasis on Computer Aided Drawing and creative problem solving. Course content will involve Product Design, Architectural studies/projects including Floor plans, Elevations, Foundations, Models and Renderings. Students will study Architecture and design a single-family home. Students may also participate in related community service projects. This course will help students to develop interest/prepare for related career industry tracts such as engineering, architecture, manufacturing, and construction.

ARCHITECTURE 2 (IE21)

Grades: 10-12 | 5 Credits | Year

Prerequisite: Engineering Drawing 1 or Architecture 1

Students will refine and build upon their skills and experience to include various new techniques and applications of technical drawing with strong emphasis on Computer Aided Drawing and creative problem solving. Content will include Residential and Commercial Architectural Practices, Building Codes, New and Traditional Materials/Methods, Presentation/Critique, Models, Career Information/Preparation, Problem Solving and Teamwork Skills. Projects may include two-story residence, small business plan, community development, and student competitions.

BUILDING TRADES 1 (IB19)

Grades: 9-12 | 2.5 Credits | Semester

Prerequisite: None

This half-year course is designed to create interest and preparation for more intensive work in the building trades in the upcoming years. Through design planning and construction of a model of a building, students will investigate the how and why of construction. Class activities include: blueprint reading, building nomenclature, actual fabrication of small buildings, and masonry work.

BUILDING TRADES 2 (IB28)

Grades: 10-12 | 6 Credits | Year

Prerequisite: Building Trades 1 (or 10th Grade with Teacher Recommendation)

This full year course is designed to give students a wide range of skills significant to many aspects of life and work. These marketable skills in blueprint reading for the construction industry brick and block laying, framing and finished carpentry. Experiences will also include sheathing, siding, roofing, brick and block laying, concrete mixing, pouring and finishing.

BUILDING TRADES 3 (IB38)

Grades: 11-12 | 6 Credits | Year

Prerequisite: Building Trades 2 (or 11th Grade with Teacher Recommendation)

This course is a continuation of Building Trades 2 for students to experience the opportunity to gain marketable skills in blueprint reading for the construction industry, brick and block laying, framing and finished carpentry. Experiences will also include sheathing, siding and roofing, brick and block laying, concrete mixing, pouring, and finishing.

ENGINEERING DRAWING 1 (IE18) 🕮

Grades: 9-12 | 5 Credits | Year

Prerequisite: None

Students will learn/develop various applications/skills for producing/reading engineering working drawings with Freehand Sketching, Mechanical Drawing and Computer Aided Drawing. Basic mathematical skills along with creative design and problem-solving skills will also be developed and applied. This course will help students to develop/prepare for related career industry tracts such as engineering, architecture, manufacturing, and construction.

ENGINEERING DRAWING 2 (IE24) 🕮

Grades: 10-12 | 5 Credits | Year

Prerequisite: Engineering Drawing 1 or Architecture 1

Students will refine their skills and experience to include various new techniques and applications of technical drawing with strong emphasis on Computer Aided Drawing and creative problem solving. Content will include Pictorial Drawings, Threads & Fasteners, Sections, Developments and Detail & Assembly Plans. This course will help students to develop interest/prepare for related career industry tracts such as engineering, architecture, manufacturing, and construction.

ARCHITECTURE/ENGINEERING DRAWING 3

Grades: 11-12 5 Credits Year

Prerequisite: Engineering Drawing 1 and 2 or Architecture 1 and 2

Students who are considering pursuing careers in Engineering or Architecture will have the opportunity to explore deeper into the fields of study. Students will refine their skills and experience a variety of new techniques and applications of the fields with a strong emphasis on Computer Aided Drawing (CAD) and creative problem solving. Course content and skills include Architectural/Engineering projects, Product Design, AutoCAD solid modeling/rendering 3D Printer, CNC Milling machine and plasma cutter, Manufacturing and Construction practices, Urban Planning, Sustainability, Career Preparedness as well as preparation for the changes taking place in our technological world. Students will learn/apply the Design Process to solve problems

WOODWORKING 1 (IW39)

Grades: 9-12 2.5 Credits Semester

Prerequisite: None

This course is designed to give students an introduction to woodworking. The course covers basic design, measuring, project construction, and finishing. Students will utilize tools and machines to create several different projects. Emphasis will be placed on the safe use and operation of tools and machines in the shop.

WOODWORKING 2 (IW49)

Grades: 10-12 5 Credits Year

Prerequisite: Woodworking 1

This course will expand on skills learned in Woodworking 1 by completing projects using more advanced techniques. Students will focus more on craftsmanship and refining both hand tool and power tool skills. Safety will be a major emphasis on work processes in class.

WOODWORKING 3 (IW59)

Grades: 11-12 5 Credits Year

Prerequisite: Woodworking 2

This course will expand on skills and techniques learned in Woodworking 2. Students will have an understanding of how each machine works, and will be able to use that knowledge to aid project development and execution.

ENGINEERING WORK BASED LEARNING

Grade: 12 5 Credits Year

Prerequisite: Architecture 1, 2 OR Engineering Drawing 1, 2, and Architecture/Engineering Drawing 3 (concurrently)

This course will allow students who have taken the course sequence above to use engineering/STEM work or internship experience to earn credits. Students will be employed in work experiences during the PM wheel. Students must meet all requirements in order to receive full credit for the course. **Students must be able to provide their own transportation to/from the work site.**

Course Name	Course Number	Term	Grade	Credits	Value
Architecture 1	**IE20**	**Year**	**9,10, 11, 12**	**5**	**-**
Architecture 2	**IE21**	**Year**	**10, 11, 12**	**5**	**-**
Building Trades 1	**IB19**	**Semester**	**9, 10, 11, 12**	**2.5**	**-**
Building Trades 2	**IB28**	**Year**	**10, 11, 12**	**6**	**-**
Building Trades 3	**IB38**	**Year**	**11, 12**	**6**	**-**
Engineering Drawing 1🕮	**IE18**	**Year**	**9, 10, 11, 12**	**5**	**-**
Engineering Drawing 2 🕮	**IE24**	**Year**	**10, 11, 12**	**5**	**-**
Architecture/Engineering Drawing 3	**IE25**	**Year**	**11, 12**	**5**	**-**
Woodworking 1	**IW39**	**Semester**	**9, 10, 11, 12**	**2.5**	**-**
Woodworking 2	**IW49**	**Year**	**10, 11, 12**	**5**	**-**
Woodworking 3	**IW59**	**Year**	**11, 12**	**5**	**-**
Engineering Work Based Learning	**--**	**Year**	**12**	**5**	**-**

🕮 *Dual credit available*

WORLD LANGUAGES

FRENCH 1/2 HONORS (LF15)

Grades: 9-12 5 Credits Year

Prerequisite: None

This course is part of a multi-year sequence. In this course, students will cover the major topics of French 1 in the first semester and of French 2 in the second semester. The course is designed to move students into the honors track and towards the Pre-AP and AP track. Students will move into French 3 Honors at the completion of this course. Students will be exposed to authentic materials to aid in preparation for the AP track. Students will learn the major grammar points that will move them forward towards the end goal. Students will learn to communicate in French in everyday situations through dialogues, oral presentations, projects, and group activities on very familiar topics related to self, family, friends, school and home. Students will also gain an understanding of the perspectives of the francophone world through comparing and contrasting the French language and culture with their own. The learning goals and standards align to the New Jersey World Language Standards as well as the ACTFL proficiency scale.

FRENCH 1 HONORS (LF12)

Grades: 9-12 5 Credits Year

Prerequisite: None

This course is part of a multi-year sequence. This course is designed for you to communicate by speaking, reading, writing, and understanding written and spoken French. You will learn to communicate in French in everyday situations through dialogues, oral presentations, projects, and group activities on very familiar topics related to self, family, friends, school and home. Students will also gain an understanding of the perspectives of the francophone world through comparing and contrasting the French language and culture with their own. The learning goals and standards align to the New Jersey World Language Standards as well as the ACTFL proficiency scale.

FRENCH 2 HONORS (LF22)

Grades: 9-12 5 Credits Year

Prerequisite: French 1 Honors

This course is part of a multi-year sequence. French 2 students will progress to understand and communicate using meaningful sentences in addition to using the past tense. Students will be expected to demonstrate appropriate level proficiency through quizzes, skits, writing samples and presentations.

FRENCH 3 HONORS (LF32) 🕮

Grades: 10-12 5 Credits Year

Prerequisite: French 2 Honors or French 1/2 Honors

This course is part of a multi-year sequence. The French 3 course emphasizes creating with the language independently. They will communicate with more advanced grammatical structures to create compound sentences. Students will be expected to demonstrate appropriate level proficiency through quizzes, skits, writing samples and presentations.

FRENCH 4 HONORS (LF42) 🕮

Grades: 11-12 5 Credits Year

Prerequisite: French 3 Honors

This course is part of a multi-year sequence. Students in the French 4 course will be able to use strings of sentences and paragraphs to expand their level of communication. They will compare and contrast information in addition to expressing beliefs related to francophone cultures and the world around them. Students will be expected to demonstrate appropriate level proficiency through quizzes, skits, writing samples and presentations.

ADVANCED PLACEMENT FRENCH LANGUAGE (LF60) 🕮

Grades: 12 5 Credits Year

Prerequisite: French 4 Honors

This course is part of a multi-year sequence. Students will use their previously acquired skills and knowledge to prepare for the Advanced Placement French Language and Culture Exam and to use their communication skills in real-life situations beyond the classroom environment. Through the study and discussion of the six themes, students will be able to review and expand their ability to use French for communication in the three primary modes – interpretive, presentational and interpersonal. The teacher conducts the class almost exclusively in French and encourages the students to use French as their primary method of expression. A summer assignment is included in the course requirements. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

LATIN 1 HONORS (LL12)

Grades: 9-10 5 Credits Year

Prerequisite: None

This course is part of a multi-year sequence. This course is an introduction to the language of the Romans. Students will learn the cases, declensions, and conjugations as well as mythology, customs, and the story of the Aeneid. Emphasis is placed on the effect the Romans have had on modern day.

LATIN 2 HONORS (LL22)

Grades: 10-11 5 Credits Year

Prerequisite: Latin 1 Honors

This course is part of a multi-year sequence. This course is a continuation of Latin 1 with more advanced syntax and more extensive vocabulary. Students will read Latin selections, which incorporate mythology and history in their content. There will be oral and written projects on Roman history (special emphasis on the Late Republic and the Empire) and culture.

LATIN 3 HONORS (LL32) 🕮

Grades: 11-12 5 Credits Year

Prerequisite: Latin 2 Honors

This course is part of a multi-year sequence. Latin 3 is a comprehensive and intensive application of core grammatical concepts taught in Latin 1 & 2 to unadulterated Latin prose and poetry. Students will strengthen their translation skills with selections from the letters of Cornelius Nepos, the orations of Cicero, and the elegiac love poetry of Catullus. Students will begin a study of Caesar's *De Bello Gallico* at the conclusion of the course. Vocabulary units and grammar review only serve to facilitate the translation of substantive text in the original Latin. Students will present projects about the Roman Late Republic and its social, political, and historical context in preparation for AP Caesar and Virgil in AP Latin.

ADVANCED PLACEMENT LATIN (LL51) 🕮

Grades: 12 5 Credits Year

Prerequisite: Latin 3 Honors

This course is part of a multi-year sequence. This course is a study of Latin literature with a focus on the *De Bello Gallico* of Julius Caesar and the *Aeneid* of Virgil in preparation for the College Board Advanced Placement Latin examination. Students will translate, discuss, and analyze selections from these two texts with sight passages from other authors. Additionally, students will write monthly essays on contextual topics in keeping with the Advanced Placement Exam. Finally, students will engage in discussion about literary themes, criticism and context relevant to academic discourse and scholarship in the Classics. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

SPANISH COMMUNICATION AND CONVERSATION (LS01)

Grades: 9-12 5 Credits Year

Prerequisite: None

The stand-alone course is designed to meet the one-year World Language graduation requirement. This course will prioritize communicating and engaging in authentic and practical conversations. Students who take this course will participate in conversations on a daily basis that will give them the confidence to use Spanish in real-world scenarios such as traveling, ordering in a restaurant, working, and meeting new people. Instruction will focus on listening and speaking activities involving common interactions within everyday life. Students will engage in interactive activities and conversations regularly to develop and increase competence within the target language. **Note that this course is not part of a multiple course sequence. Students wishing to take two years of world language should enroll in a course that is part of a multi-year sequence (e.g. Spanish 1, Latin 1, or French 1).**

SPANISH 1 ACCELERATED (LS13) 🕮

Grades: 9-12 5 Credits Year

Prerequisite: None

This course is part of a multi-year sequence. This course serves as the foundation for Spanish language learning. Students will focus on reading, writing, listening, speaking and culture as they relate to interpersonal communication. The basic grammatical structures along with vocabulary will be taught for real world communication.

SPANISH 1 HONORS (LS12)

Grades: 9-12 5 Credits Year

Prerequisite: None

This course is part of a multi-year sequence. Advanced grammatical structures and vocabulary, as well as, the cultural contributions of the Hispanic peoples will be introduced. Vocabulary and idiomatic expressions will be taught in Spanish, the target language, and grammar will be taught in English. Students will be expected to communicate in the target language with proficiency. Supplemental vocabulary, individual and group projects, added readings, skits, and increased student dialogues will afford the more advanced language student the opportunity to practice the above-mentioned skills.

SPANISH 2 ACCELERATED (LS23)

Grades: 9-12 5 Credits Year

Prerequisite: Spanish 1

This course is part of a multi-year sequence. This course is an extension of the fundamentals of reading, writing, listening, and speaking presented in Spanish 1. Students will identify and analyze more complex grammatical structures and vocabulary and begin communicating more extensively in the target language. Longer reading and writing passages will increase language proficiency and further study of Hispanic culture will increase knowledge and appreciation of the Spanish-speaking world.

SPANISH 2 HONORS (LS22)

Grades: 9-12 5 Credits Year

Prerequisite: Spanish 1 Honors

This course is part of a multi-year sequence. This course extends the fundamentals of listening, speaking, reading, and writing, which were developed in Spanish 1. Vocabulary acquisition and grammar will be stressed as well as the ability to understand and communicate in Spanish on a basic level. Selected readings and multi-media materials will be employed to practice the four skills of listening, speaking, reading and writing. Further study of Hispanic culture, life and history will be used to develop appreciation of the language and the people.

SPANISH 3 ACCELERATED (LS33) 🕮

Grades: 11-12 5 Credits Year

Prerequisite: Spanish 2

This course is part of a multi-year sequence. The centerpiece of this course is the continued focus upon the development of proficiency in the four skills of listening, speaking, reading, and writing within the target language. Further exploration of Spanish culture and heritage is also a principal concern. **This course is the final offering for the accelerated level of Spanish.**

SPANISH 3 HONORS (LS32) 🕮

Grades: 10-12 5 Credits Year

Prerequisite: Spanish 2 Honors

This course is part of a multi-year sequence. This advanced course allows the student to continue to improve his/her competency in Spanish through the study of more complex grammatical structures and vocabulary. The students will use text from a variety of sources to develop reading skills. Conversational skills will also be emphasized. The class will be conducted in Spanish and the student will be expected to participate using Spanish.

SPANISH 4 HONORS (LS42) 🕮

Grades: 11-12 5 Credits Year

Prerequisite: Spanish 3 Honors (74)

This course is part of a multi-year sequence. This advanced course is designed to aid students in improving their skills in Spanish through the expansion of their vocabulary and the application of grammatical concepts learned in Spanish 3. The course will consist of a complete review of Spanish grammar, extensive reading practice, extemporaneous speaking, and more rigorous writing practice. An extensive array of literary selections will lead the student to a deeper understanding of the cultural and artistic achievements of the people of Spain and Latin America. The majority of class discussions and activities will be conducted in Spanish.

ADVANCED PLACEMENT SPANISH LANGUAGE (LS60) 🕮

Grade: 12 5 Credits Year

Prerequisite: Spanish 4 Honors

This course is part of a multi-year sequence. This course is an advanced fifth year course designed to lead the student to intermediate level oral and written proficiency. Classes are conducted in Spanish and students are expected to communicate with the teacher and each other in Spanish. Coursework will include essay writing assignments, oral presentations, class discussions, and extensive readings. A complete review of basic Spanish grammar and an introduction to more advanced grammar will be included. This course is the equivalent of a second-year college Spanish course. A summer assignment is included in the course requirements. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for payment of the testing fee.*

Course Name	Course Number	Term	Grade	Credits	Value
French 1 Honors	LF12	Year	9, 10, 11	5	2
French 1/2 Honors	LF15	Year	9, 10, 11, 12	5	2
French 2 Honors	LF22	Year	9, 10, 11, 12	5	2
French 3 Honors 🕮	LF32	Year	10, 11, 12	5	2
French 4 Honors 🕮	LF42	Year	11, 12	5	2
AP French Language 🕮	LF60	Year	12	5	1
Latin 1 Honors	LL12	Year	9, 10	5	2
Latin 2 Honors	LL22	Year	10, 11	5	2
Latin 3 Honors 🕮	LL32	Year	11, 12	5	2
AP Latin 🕮	LL51	Year	12	5	1
Spanish Communication and Conversation	LS01	Year	9, 10, 11, 12	5	4
Spanish 1 Accelerated	LS13	Year	9, 10, 11	5	3
Spanish 1 Honors	LS12	Year	9, 10, 11	5	2
Spanish 2 Accelerated	LS23	Year	9, 10, 11, 12	5	3
Spanish 2 Honors	LS22	Year	9, 10, 11, 12	5	2
Spanish 3 Accelerated 🕮	LS33	Year	11, 12	5	3
Spanish 3 Honors 🕮	LS32	Year	10, 11, 12	5	2
Spanish 4 Honors 🕮	LS42	Year	11, 12	5	2
AP Spanish Language 🕮	LS60	Year	12	5	1

🕮 *Dual credit available*

HEALTH & PHYSICAL EDUCATION

HEALTH AND PHYSICAL EDUCATION 1 (YS15)

Grade: 9 | 5 Credits | Year

Prerequisite: None

Students will learn the basis of emotional, social, and physiological growth. They will also learn skills, which lead to effective communication, development of a positive self-concept and rational conflict resolution. Students will be made aware of the implications of alcohol and drug use and misuse. Current topics relative to human sexuality and related issues, including: family living, abstinence, sexually transmitted diseases, sexual harassment, abuse, contraception and abortion are also explored. The unifying theme of Health 1 is that with increased maturity there is corresponding increase in personal responsibility and a need to make well-informed decisions. The physical education curriculum includes: Porthole, Wall, Mohawk Walk, Alligator Pit, Acid River, Trolley Walk, Low ropes Course, High Ropes Course- (limited) Trust Fall, Willow in the Wind, Human Spring, Rock Wall, Practice miles and run/walks, Timed Mile, and Team games.

DRIVER'S EDUCATION AND PHYSICAL EDUCATION 2 (YS26)

Grade: 10 | 5 Credits | Year

Prerequisite: None

Driver Education is designed to teach defensive driving techniques, rules of the road, driving procedures, and routine auto care and maintenance. Substance awareness as applied to driving is included. The course concludes with the administration of the New Jersey State Driving Examination. The physical education curriculum includes: soccer, softball, track and field, folk/square dance, tennis, volleyball and adventure education/high elements. In addition to individual and team activities, all students participate in a comprehensive, ongoing fitness program designed to increase agility, abdominal strength, upper body strength, flexibility and cardiovascular endurance.

HEALTH & PHYSICAL EDUCATION 3 (YP31) (NOT OFFERED IN 2026-2027)

Grades: 11-12 | 5 Credits | Year

Prerequisite: None

Teaches the American Red Cross community first aid, practical skills, and the rationale behind their use. Certification is offered. Focuses on the science behind nutrition and exercise. Students will explore their own dietary habits, learn how to develop a sound lifelong diet, and explore weight management, food supplements and current issues in nutrition. Drug, HIV and disability awareness will be promoted and explored. Physical education will focus on the students' fitness levels, the physiology of exercise and the development of exercise programs geared toward student developed goals and national fitness guidelines. The physical education curriculum includes: Step Aerobics, Body Pump, Boot Camp, Bozu, Cardio-Kickboxing, Pilates, Yoga, Body Sculpting, Low Impact, Fitness Based Activities, and Net Games.

HEALTH & PHYSICAL EDUCATION 4 (YP41) (OFFERED IN 2026-2027)

Grades: 11-12 | 5 Credits | Year

Prerequisite: None

This course includes the study of the mental, physical, emotional and social aspects of a person's health. Experiences will develop the students' knowledge of communication skills, self-esteem, interpersonal relationships, and community responsibility, as well as, other current issues in Health. The physical education curriculum includes: team-based recreational and group game activities, wellness and aerobic-based activities, and social dance.

LIFESTYLE FITNESS 4 (YP52)

Grades: 11-12 | 5 Credits | Year

Prerequisite: None

Students seeking an alternative to a traditional Physical Education class may choose to enroll in Lifestyle fitness. Lifestyle Fitness is designed for students looking to improve their overall physical and mental health by engaging in daily fitness-based activities. Students are encouraged to consider this course regardless of their current fitness level, prior fitness background, and knowledge). Classes will be designed to challenge students of all abilities and all fitness levels. Students will also receive classroom-based instruction focused on the principles of fitness, diet and nutrition. Activities include, but are not limited to: Cross fitness Workouts, Yoga, Spin Class, Weight Lifting, Jogging/Running, and Cardio Kickboxing. The Health component will be the same as either HPE 3 or HPE 4 (to match the alternate year pattern).

UNIFIED PHYSICAL EDUCATION 4

Grades: 11-12 | 5 credits | Year

Prerequisite: None

This inclusive course affords general population 11th and 12th grade students the unique opportunity for students with and without disabilities to participate in developmentally appropriate activities, including physical fitness, lifetime activities, sports, and other educational opportunities. Students work together to increase competence and confidence in various physical and team activities. The Unified Physical Education course supports the development of leadership skills for all students and the empowerment of all students to foster an inclusive class and school-wide environment. The physical education curriculum includes: various team sports, adventure education, spin class, yoga, weight lifting, and low impact fitness activities. The health component of this course aligns with the health curriculum and course of study for each grade level.

General education students interested in enrolling in Unified Physical Education must complete a brief screening process. As part of this process, students are required to submit a short essay explaining their interest in the course and how they can contribute to creating an inclusive and supportive environment. Selected applicants may also be invited to participate in an interview to further discuss their interest and readiness for the course. Special Education students, if appropriate, will have this course assigned via their Individualized Education Programs.

Course Name	Course Number	Term	Grade	Credits	Value
Physical Education 1/Health	**YS15**	**Year**	**9**	**5**	**-**
Physical Education 2/Driver Education	**YS26**	**Year**	**10**	**5**	**-**
Physical Education 3/Health (Not offered in 2026-27)	**YP31**	**Year**	**11, 12**	**5**	**-**
Physical Education 4/Health (Offered in 2026-27)	**YP41**	**Year**	**11, 12**	**5**	**-**
Lifestyle Fitness/Health (Alt Option to H&PE 3 & 4)	**YP52**	**Year**	**11, 12**	**5**	**-**
Unified Physical Education 3 (Not offered in 2026-2027)	**YP54**	**Year**	**11, 12**	**5**	**-**
Unified Physical Education 4 (Offered in 2026-2027)	**YP55**	**Year**	**11, 12**	**5**	**-**

BUSINESS

ACCOUNTING 1 (BA11)♦

Grades: 9-12 | 5 Credits | Year

Prerequisite: None

Accounting 1 is designed for the student who has an interest in pursuing a career in accounting or other related business occupations. The primary goal is to provide the student with a broad understanding of generally accepted accounting principles and skill in the preparation of formal records for a small business. An automated accounting program on the computer will also be introduced. *This course also fulfills the Financial Literacy graduation requirement.*

ACCOUNTING 1 HONORS (BA32)♦

Grades: 9-12 | 5 Credits | Year

Prerequisite: None

An intensive course designed to develop student understanding of basic accounting theory and practice. This course has been designed for the college-bound student who plans to major in accounting, management, or other business-related areas. This course covers the complete accounting cycle and the accounting concepts and procedures applied in a manual as well as a computer-based accounting system. These topics are explored in a single proprietorship, partnership, and corporation. *This course also fulfills the Financial Literacy graduation requirement*

ACCOUNTING 2 HONORS (BA42)

Grades: 10-12 | 5 Credits | Year

Prerequisite: Accounting 1 Honors

The Accounting 2 Honors course is designed for the student who has the desire to further expand their knowledge of accounting concepts and procedures. This advanced course will include units on Departmentalized Accounting, Accounting Adjustments and Valuation, Corporation Accounting, and Management Accounting. Topics of discussion will include: Payroll, Financial Statements, Inventory Planning, Accrued Expenses, Uncollectible Accounts, Corporate Dividends, Treasury Stock, Bonds, Statements of Cash Flow, Budgetary Planning, and Management Decision Making techniques. Computer applications for spreadsheets and automated accounting software will be incorporated in the course.

BUSINESS LAW (BB19)

Grades: 10-12 | 2.5 Credits | Semester

Prerequisite: None

This course of study analyzes the law as applied to civil and criminal law, torts, contracts, consumer protection, and employment. It will teach students to recognize and respond effectively to legal issues. Additionally, the course will deal with the application of legal principles and legal procedures related to business and individuals. Students will examine the origin of our legal system as well as effects of present-day laws on the individual with special emphasis on the rights and responsibilities of eighteen-year-olds in NJ and case study analyses. Students enrolled in the Business Law class are eligible to become members of DECA.

ENTREPRENEURSHIP (BE19)♦

Grades: 10-12 | 2.5 Credits | Semester

Prerequisite: None

The Entrepreneurship course will provide students with a step-by-step journey through the process of owning their own business. Information will include: selecting a product or service to sell, determining customer segment, learning how to market their business, obtaining financing, and managing employees. Students will be able to develop their own business plan. *This course also fulfills the Financial Literacy graduation requirement*

PERSONAL FINANCIAL LITERACY (BF18)♦

Grades: 9-12 | 2.5 Credits | Semester

Prerequisite: None

This course is designed to introduce students to the principles and procedures used in creating and maintaining basic financial records. The course consists of the following areas of study: career decision making, employee pay and benefits, income tax forms and returns, budgeting, checking and savings accounts, investing in stocks and bonds, credit, insurance, and retirement planning. *This course fulfills the Financial Literacy graduation requirement.*

MARKETING 1 (BM19)

Grades: 9-12 | 5 Credits | Year

Prerequisite: None

This course introduces marketing fundamentals and creating customer value. Students will develop a year-long Food Truck project, applying marketing strategies to create their menu, brand, and competitive analysis. Students will showcase their Food Truck to the culinary class, design branded items for the school store, and explore social media marketing with TV Media classes. DECA is Co-Curricular: students will participate in the Regional DECA Conference and potentially at the state, and national levels.

MARKETING 1 HONORS (BM32) 🕮

Grades: 9-12 5 Credits Year

Prerequisite: None

This is a project-based, college-level course that challenges students to think creatively and apply concepts to real-world situations. Students will learn how to connect with and influence consumers through a variety of projects including developing a marketing plan for an ice cream shop, creating social media marketing for a food truck business, and formulating a mock Olympic bid for a global city. . DECA is Co-Curricular: students will participate in the Regional DECA Conference and potentially at the state, and national levels.

MARKETING 2 HONORS (BM42)

Grades: 10-12 5 Credits Year

Prerequisite: Marketing 1 Honors

This project-based, college-level course builds on Marketing 1 through advanced units on branding, market segmentation & target marketing, relationship marketing, and the marketing mix. Students will apply these concepts throughout a year-long projects in which they develop their own business within an industry of their choice. Students will also have the opportunity to participate in DECA activities at the local, state and national levels.

MANAGEMENT (BM59)

Grades: 10-12 2.5 Credits Semester

Prerequisite: None

This course will provide students with the opportunity to learn advanced concepts of management as the field of study relates to the Sports, Entertainment and Hospitality industries. Course will introduce students to the management segment of businesses. The course will concentrate but will not be limited to, defining management, leadership skills, ethical principles, operations, financial flows in organizations, sponsorship, and legal principles. The course will also include movies, videos, clips, and print media documents from successful leaders that identify characteristics of their success. Case studies will be performed on individuals to ascertain traits and behavioral aspects of leadership.

INVESTMENTS (BF24) ♦

Grades: 10-12 5 Credits Year

Prerequisite: None (Algebra 1 recommended)

This course will introduce you to today's most important investment topics from the perspective of an individual financial planner. This course uses an inviting approach to present the process of investing and the many alternatives available for constructing a strong investment portfolio.

Course Name	Course Number	Term	Grade	Credits	Value
Accounting 1 ♦	**BA11**	**Year**	**9, 10, 11, 12**	**5**	**-**
Accounting 1 Honors ♦	**BA32**	**Year**	**9, 10, 11, 12**	**5**	**2**
Accounting 2 Honors	**BA42**	**Year**	**10, 11, 12**	**5**	**2**
Business Law	**BB19**	**Semester**	**10, 11, 12**	**2.5**	**-**
Entrepreneurship ♦	**BE19**	**Semester**	**10, 11, 12**	**2.5**	**-**
Personal Financial Literacy ♦	**BF18**	**Semester**	**9, 10, 11, 12**	**2.5**	**-**
Marketing 1	**BM19**	**Year**	**9, 10, 11, 12**	**5**	**-**
Marketing 1 Honors 🕮	**BM32**	**Year**	**9, 10, 11, 12**	**5**	**2**
Marketing 2 Honors	**BM42**	**Year**	**10, 11, 12**	**5**	**2**
Management	**BM59**	**Semester**	**10, 11, 12**	**2.5**	**-**
Investments ♦	**BF24**	**Year**	**10, 11, 12**	**5**	**-**

♦ Course fulfills the Financial Literacy graduation requirement

🕮 Dual credit available

FAMILY AND CONSUMER SCIENCES

PRE-SCHOOL CHILD DEVELOPMENT 1 (PC11) 🕮

Grades: 10-12 5 Credits Year

Prerequisite: None

This course will enable the student to explore information in the area of early childcare careers. Students will complete extensive written lesson plans for the student teaching activities. The student will prepare lessons and activities for the 3 ½ to 5-year old children enrolled in the Little Vikings program. The students will write complete evaluations of all student teaching activities. Emphasis on careers in child development will be stressed.

PRE-SCHOOL CHILD DEVELOPMENT 2 (PC21) 🕮

Grades: 11-12 5 Credits Year

Prerequisite: Pre-School Child Development 1

Pre-School Child Development 2 is a second level class that will allow students more opportunities to gain experience teaching and working with children between the ages of 3 ½ to 5 years of age while also focusing on other areas such as curriculum, preparing a preschool, behavior of young children, guiding children with special needs, and the importance of involving families in a preschool curriculum. Throughout the year, students will work on several projects together in a group with other advanced level students while also being given individual projects which will include writing the curriculum for the Little Vikings, conducting progress assessments on the preschoolers, holding conferences with the preschooler's parents, and giving a presentation on a learning disability to *Pre-School Child Development 1* students.

CULINARY ARTS (HC79)

Grade: 12 5 Credits Year

Prerequisite: None

Students will be introduced to a variety of cooking principles that are essential to the success of food providers on a personal or professional level. The course will familiarize students with nutritional value, selection and preparation of food included in the food pyramid. A thorough understanding of the principles and techniques required to prepare stock, soups, yeast breads, cakes, pies, fruits, vegetables and more will be covered.

FASHION 1 (HF18)

Grades: 9-12 5 Credits Year

Prerequisite: None

The course will introduce the student to the exciting world of fashion. Students learn how to operate a sewing machine and develop clothing construction skills. Students will study the elements and principles of design, including color analysis, as they make clothing selections. Four fashion garments will be created during the school year. The cost of the projects will range from $20.00 - $35.00 each depending on the student's fabric selection. The cost of materials and supplies is the responsibility of the student.

FASHION 2 (HF28)

Grades: 10-12 5 Credits Year

Prerequisite: Fashion 1

This course develops an appreciation for quality workmanship through the use of more advanced construction skills in the making of clothing using the sewing machine and the serger. Students will work with specialty fabrics and develop an understanding of the apparel industry. The minimum number of required projects is three. The cost of the project materials and supplies is the responsibility of the student.

FASHION 3 (HF38)

Grades: 11-12 5 Credits Year

Prerequisite: Fashion 2

Students will be encouraged to create an original design based on their construction and design skills to express themselves through their clothing. Students will be introduced to various careers relating to fashion merchandising, textiles, and clothing design. The minimum number of required projects is four. The actual number of projects will depend upon the student's skill level. The cost of each project is the responsibility of the student.

FUTURE TEACHERS HONORS (HP31) 🕮

Grades: 12 6 Credits Year

Prerequisite: Demonstrated Success at the Honors Level

This course gives students an understanding of the history of education in our state and nation and an understanding of what is involved in becoming a teacher. Students will be provided the opportunity to discover, through research and practice, issues in education, teaching methodologies, and classroom experiences. Students will complete observations and a field experience internship in one of the elementary schools from our sending school districts. This course has a lab component one of the four days of the cycle. **The course will only be offered in the AM-Wheel. Each student must be able to provide his/her own transportation to and from Eastern and the elementary school from a sending district. Students must remain in good standing academically and behaviorally to remain in the course.**

INTERIOR DESIGN 1 (ID11)

Grades: 10-12 5 Credits Year

Prerequisite: None

This course will introduce the student to concepts that will enhance their personal living space. Students will study the elements and principles of design, color theory, lighting, and styling with accessories. Projects focus on residential and commercial spaces which include floor plans and displays. Students will end the year learning basic sewing skills by creating a quilt. Students will be expected to cover the cost of some projects, which are created for their own personal use. Approximate cost of supplies for the year will be $35.00 - $45.00.

INTERIOR DESIGN 2 (ID21)

Grades: 11-12 5 Credits Year

Prerequisite: Interior Design 1

This is a continuation of the introductory Interior Design course. Students will develop skills for a possible career in Interior Design or Interior Decorating. This course will provide the necessary consumer information to plan, design, and create projects for interior decorating. The student will create a design board and a 3-D scaled miniature of their designed room. The student will learn advanced techniques of serging, appliqué, and zipper application while creating many projects such as window treatments, quilts, placemats, and wall hangings. The approximate cost per marking period will be $10.00-$25.00 and will be the responsibility of the student.

Course Name	Course Number	Term	Grade	Credits	Value
Pre-School Child Development 1 🕮	**PC11**	**Year**	**10, 11, 12**	**5**	**-**
Pre-School Child Development 2 🕮	**PC21**	**Year**	**11, 12**	**5**	**-**
Culinary Arts	**HC79**	**Year**	**12**	**5**	**-**
Fashion 1	**HF18**	**Year**	**9, 10, 11, 12**	**5**	**-**
Fashion 2	**HF28**	**Year**	**10, 11, 12**	**5**	**-**
Fashion 3	**HF38**	**Year**	**11, 12**	**5**	**-**
Future Teachers Honors 🕮	**HP31**	**Year**	**12**	**6**	**2**
Interior Design 1	**ID11**	**Year**	**10, 11, 12**	**5**	**-**
Interior Design 2	**ID21**	**Year**	**11, 12**	**5**	**-**

🕮 *Dual credit available*

VISUAL AND PERFORMING ARTS

PERFORMING ARTS

BASIC MUSICIANSHIP/GUITAR (DM39)

Grades: 9-12 5 Credits Year

Prerequisite: None

This course offers students interested in music, regardless of musical background, the opportunity to acquire basic musicianship skills through the study of notation and fundamental music theory as it applies to the guitar. Electric guitars will be used in conjunction with Logic Pro, Garageband, and additional resources to enhance the skills learned in this class. All materials are provided, including mini squier electric guitars.

CONCERT CHOIR (DC39)

Grades: 9-12 5 Credits Year

Prerequisite: None

This course will provide ensemble experiences for the beginning vocal music student. The development of sight-reading, ear training, basic vocal techniques, and interpretation, diction**,** intonation and general musicianship will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. **The course requires attendance at specified public performances, concerts, etc., and demands that the student be available for required after school rehearsals.**

SELECT CHOIR HONORS (DC49)

Grades: 9-12 5 Credits Year

Prerequisite: By audition only

This course will provide ensemble experiences for the advanced vocal music student. The development of advanced vocal techniques, awareness of musical style, interpretation, intonation, and musicality will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. Participation in Select Choir Honors is by audition only. The musical repertoire and performance demands are to be noted as more challenging than those of the Concert Choir course**. The course requires attendance at specified public performances, concerts, etc., and demands that the student be available for required after school rehearsals.**

SELECT CHORALE HONORS (DC59)

Grades: 9-12 5 Credits Year

Prerequisite: By audition only

This course will provide ensemble experiences for the most capable vocal music student. The further development of advanced vocal techniques, nuances of musical style, interpretation, choral sound and blend, and musicality will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. Students' participation in Select Chorale is by audition only. The musical repertoire and performance demands are to be noted as more challenging than those of the Concert Choir and Select Choir Honors courses. **The course requires attendance at specified public performances, concerts, etc., and demands that the student be available for required after school rehearsals.**

INTRODUCTION TO THEATER (DP23)

Grades: 9-12 5 credits Year

Prerequisites: None

Introduction to Theater is a fun, all-encompassing, beginning course for anyone who wants to learn more about theatre, both on and off the stage. Theatre games, improvisation, scenes & monologues, stagecraft, play production, directing, musical theatre, stage combat, and much more keep this course fast-paced and interesting. The study of theatre arts provides students with skills that develop confidence and communication in front of an audience. Additionally, students who develop public speaking skills are better candidates at job interviews and leaders in future college and career endeavors. Taking this introductory course not only allows students to discover their natural performance abilities, but also provides them with opportunities to perform both inside and outside of the classroom. *This is a PERFORMANCE-BASED course.

HANDBELLS 1 (DH29)

Grades: 9-12 5 Credits Year

Prerequisite: None

Handbells 1 introduces the students to English hand bells. Bell-ringing techniques, various styles of ringing, and a wide variety of repertoire will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. **The course requires attendance at specified public performances, concerts, etc., and demands that the student be available for required after school rehearsals.**

HANDBELLS 2 (DH59)

Grades: 10-12 5 Credits Year

Prerequisite: Handbells 1, Includes audition

In Handbells 2 students will develop performing skills and advanced-ringing techniques while building and refining a repertoire for performance. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. Students electing Handbells 2 will be accepted by audition only. The musical repertoire and performance demands are to be noted as more challenging than those of the Handbells 1 course. **The course requires attendance at specified public performances, concerts, etc., and demands that the student be available for required after school rehearsals**

JAZZ BAND (DJ18)

Grades: 9-12 5 Credits Year

Prerequisite: Includes audition

The Jazz Band will provide ensemble experiences for the instrumental music student. The development of jazz techniques, improvisation techniques, intonation, general musicianship and a historical survey of jazz will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. Students electing Jazz Band will be accepted by audition only. **The course requires attendance at specified public performances, concerts, etc., and demands that students are available for required after school rehearsals.**

JAZZ ENSEMBLE HONORS (DJ19)

Grades: 9-12 5 Credits Year

Prerequisite: By audition only and ability to read standard notation

The Jazz Ensemble will provide ensemble experiences for the instrumental music student. The development of jazz techniques, improvisation techniques, intonation, general musicianship and a historical survey of jazz will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. Students electing Jazz Ensemble will be accepted by audition only. The musical repertoire and performance demands are to be noted as more challenging than those of the Jazz Band course. **The course requires attendance at specified public performances (concerts, competitions, festivals, etc.) and demands that the student be available for required after school rehearsals.**

MUSIC PRODUCTION AND TECHNOLOGY 1 (DR20)

Grades: 9-12 5 Credits Year

Prerequisite: None

Music Production & Technology is designed to develop a deeper understanding of the lineage of electronic/MIDI music. This course will offer a comprehensive overview of Music Production Software, MIDI sequencing, Notation and Electronic Instruments. Students will create a portfolio that includes recording, mixing, editing, and scoring for various musical genres and multimedia. The class will help strengthen keyboard skills and knowledge of music theory and notation. The course will enhance the creative practice and facilitating effective collaborations with musical partners.

MUSIC PRODUCTION AND TECHNOLOGY 2 (DR21)

Grades: 10-12 5 Credits Year

Prerequisite: Music Production and Technology 1

Music Production and Technology 2 will to build upon the skills and material introduced and developed in Music Production and Technology 1. Students will have the ability to expand exploration of musical theory, instrumentation, mixing, and development. Music Production and Technology 2 requires students to think and work independently in the creation of multiple projects.

INTRODUCTION TO MUSIC THEORY (DM09)

Grades: 9-12 5 Credits Year

Prerequisite: None

Introduction to Music Theory is an entry-level course to study the fundamentals of Music Theory. Students will learn the basics of rhythm and pitch through the playing of percussion and keyboard instruments, as well as computer-based tutorials. Other areas of basic notation including dynamics, tempo, articulation, and basic forms will be explored. Students will explore basic composition of melody and harmony and will create their own computer-assisted compositions.

ADVANCED PLACEMENT MUSIC THEORY (DM20)

Grades: 10-12 5 Credits Year

Prerequisite: Introduction to Music Theory

AP Music Theory will emphasize study in the areas of non-diatonic sight singing, harmonic analyses and construction of the 18th century, non-diatonic aural theory both melodic and harmonic, extensive examination of the AP Exam, and test taking strategies. ***PLEASE NOTE****: The Advanced Placement test for college credit is optional. If a student chooses to take the test, the student will be responsible for the payment of the testing fee.*

STRING ORCHESTRA (DS29)

Grades: 9-12 5 Credits Year

Prerequisite: Instrumental (string) background

The String Orchestra will provide ensemble experiences for the string (violin, viola, cello, and bass) student. The development of techniques, interpretation, intonation and general musicianship will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. **Students selecting this subject should realize that the course requires attendance at specified public performances, concerts, etc., and demands that the student be available for required after school rehearsal.**

SELECT STRINGS HONORS (DS 50)

Grades: 9-12 5 Credits Year

Prerequisite: By audition only

Select Strings Honors will provide ensemble experiences for the most capable string music student. The further development of advanced string techniques, nuances of musical style, interpretation, orchestral sound and blend, and musicality will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual members, the school, and the community. Students' participation in Select Strings is by audition only. The musical repertoire and performance demands are to be noted as more challenging than String Orchestra. **The course requires attendance at all specified public performances, concerts, etc., and demands that the student be available for required after school rehearsals.**

SYMPHONIC BAND (DB79)

Grades: 9-12 5 Credits Year

Prerequisite: Includes audition

The Symphonic Band will provide ensemble experiences for the instrumental music student. The development of techniques, interpretation, intonation, and general musicianship will be emphasized. The purpose of the course is to build a musical organization, which will be a credit to the individual member, the school, and community. Students electing Symphonic Band will be accepted by audition only. **The course requires attendance at specified public performances, concerts, etc., and demands that the student be available for required after school rehearsal.**

WIND ENSEMBLE HONORS (DW19)

Grades: 9-12 5 Credits Year

Prerequisite: By audition only

The Wind Ensemble will provide ensemble experiences for the instrumental music student. The development of technique, interpretation, intonation, and general musicianship will be emphasized. The purpose of the course is to build a musical organization which will be a credit to the individual members, the school, and the community. Students electing Wind Ensemble will be accepted by audition only. The musical repertoire and performance demands are to be noted as significantly more challenging than those of Symphonic Bands. **The course requires attendance at specified public performances (parades, concerts, etc.) and demands that the student be available for required after school rehearsals.**

Course Name	Course Number	Term	Grade	Credits	Value
Basic Musicianship/Guitar	DM39	Year	9, 10, 11, 12	5	-
Concert Choir	DC39	Year	9, 10, 11, 12	5	-
Select Choir Honors**	DC49	Year	9, 10, 11, 12	5	2
Select Chorale Honors**	DC59	Year	9, 10, 11, 12	5	2
Introduction to Theater	DP23	Year	9, 10, 11, 12	5	-
Handbells 1	DH29	Year	9, 10, 11, 12	5	-
Handbells 2 **	DH59	Year	10, 11, 12	5	-
Jazz Band **	DJ18	Year	9, 10, 11, 12	5	-
Jazz Ensemble Honors **	DJ19	Year	9, 10, 11, 12	5	2
Music Production and Technology 1	DR20	Year	9, 10, 11, 12	5	-
Music Production and Technology 2	DR21	Year	10, 11, 12	5	-
Introduction to Music Theory	DM09	Year	9, 10, 11, 12	5	-
AP Music Theory	DM20	Year	10, 11, 12	5	1
String Orchestra	DS29	Year	9, 10, 11, 12	5	-
Select Strings Honors**	DS49	Year	9, 10, 11, 12	5	2
Symphonic Band	DB79	Year	9, 10, 11, 12	5	-
Wind Ensemble Honors **	DW19	Year	9, 10, 11, 12	5	2

***Course requires audition/invitation*

VISUAL ARTS

ART 1 (AR19)

Grades: 9-12 5 Credits Year

Prerequisite: None

Art 1 will provide students with a foundation in art terms, concepts, and techniques. The basic elements of art and principles of design will be explored through a series of creative and challenging projects. Students will develop skills in a variety of media including, but not limited to graphite, colored pencil, pen & ink, watercolor, acrylic paint, and pastels.

ART 2 (AR29)

Grades: 10-12 5 Credits Year

Prerequisite: Art 1

Art 2 will build upon the foundation of terms, concepts, and techniques explored in Art 1. The Art 2 student will be challenged with a more advanced level of creative problem-solving exercises. Students will continue to develop skills in a rich variety of media.

ART 3 (AR39)

Grades: 11-12 5 Credits Year

Prerequisite: Art 2

Art 3 will build upon the foundation of terms, concepts, and techniques explored in Art 1 and Art 2. Challenging, long-term projects will be presented to assist the serious art student in building a strong and unique portfolio of artwork.

ART OF CRAFTS 5CR (AR54)

Grades: 9-12 5 Credits Year

Prerequisite: None

This is a craft-based Art course intended for the students who are interested in the creative process, but not interested in the fine art aspect (drawing/painting). Students will learn about the art and craft of various cultures while creating works of art. Students will get to experience working with a variety of different mediums such as paint, fabric, metal, wood, and yarn, while learning multiple studio techniques.

AP STUDIO ART: DRAWING (AA30)

Grades: 11-12 5 Credits Year

Prerequisite: Art 3 (or by portfolio evaluation for seniors only)

This course is for the serious art student who has shown exceptional art promise. Course objectives develop quality, concentration and breadth of student's work to prepare a portfolio of artwork. Students will develop a sustained investigation or concentration, which involves creating a body of related works based on the student's interest in a particular area of visual art. The drawing portfolio 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. A variety of media could include painting, mixed media, printmaking, etc. Abstract, observational, and inventive works will be explored. Submission of work to the College Board for evaluation is optional, but encouraged. ***Please note: If the student chooses to have a portfolio evaluated by the College Board, the student will be responsible for the payment of the evaluation fee.***

AP STUDIO ART: 2D-DESIGN (AA32)

Grades: 11-12 5 Credits Year

Prerequisite: Art 3 (or by portfolio evaluation for seniors only)

This course is for the serious art student who has shown exceptional art promise. Course objectives develop a three-part portfolio to be submitted to the College Board for review. The sections are: Quality, Sustained Investigation (Concentration) and Breadth. For this portfolio, students demonstrate understanding of 2-D design through *any* two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting, or printmaking. Submission of work to the College Board for evaluation is optional, but encouraged. ***Please note: If the student chooses to have a portfolio evaluated by the College Board, the student will be responsible for the payment of the evaluation fee.***

Portfolio Evaluation for AP Studio Art: Students wishing to meet the AP Studio Art prerequisites through a portfolio evaluation must prepare and share a digital slideshow with the Visual Art department. The portfolio should include 8-12 pieces of independently created artwork that showcases the student's skills in a wide variety of media, including, but not limited to: graphite, colored pencil, charcoal, painting, and digital art. Observational drawing, portraiture, landscapes, as well as artwork that showcases the student's creativity and imaginative skills should be included. Placement in AP Studio Art will be dependent up on the portfolio demonstrating the student has mastered the skills normally acquired in Art 1, Art 2, and Art 3.

COMPUTER GRAPHICS 1 (AC19)

Grades: 10-12 5 Credits Year

Prerequisite: None

This course is designed to cover art/design software and hardware as well as concepts used in the computer graphics field. Students will expand technical skills and learn art concepts needed to be able to produce creative work in professional programs such as Photoshop, Illustrator, and Macromedia Web Design Tools. Students will be able to function independently as graphic artists completing a variety of design assignments, some benefiting school and community or involving interdisciplinary cooperation. They will also become familiar with work being produced in the computer art genre and with artists working in the field of computer graphics.

COMPUTER VISUAL ARTS (AC21)

Grades: 11-12 2.5 Credits Semester

Prerequisite: Computer Graphics 1, Prior Art Course with experience in Photoshop

This course is designed for the serious computer graphics or art student who is interested in working in more depth with professional programs for Graphics Design, 3D Graphics and Animation and who may be planning a career in Computer Graphics, Multi-Media, Art or Design. Students must be motivated to complete individual projects and to work with the instructor to design an individualized curriculum and set up a plan of study. Two major projects or one more involved project will be required each quarter, along with smaller assignments. Periodic reports will be completed for the instructor and student to share progress and knowledge. Students will also be expected to use their skills to benefit Eastern through work on publications, ETV, or other school-related computer graphics needs. Class will include a career component and may include visits to computer graphics firms and area colleges or outside speakers in the computer graphics field.

INTRODUCTION TO ANIMATION (AR53)

Grades: 11-12 2.5 Credits Semester

Prerequisite: Computer Graphics 1, Prior Art Course with experience in Photoshop

This course is for students interested in animation. Adobe Flash will be used to create frame-by-frame animation and Tweened animation. The history of animation will be reviewed and various webpage animations will be developed.

POTTERY (AP59)

Grade: 12 5 Credits Year

Prerequisite: None

Hand building with clay and working on the potter's wheel are the primary thrusts of this course. Concepts of functionality and self-expression in clay will be explored. Students will create a variety of vessel forms and produce creative expressions in tile form. Along with achieving the skills needed to create the projects, students will experience several decorating techniques to help enhance their work. Students should be prepared to deal with the challenges that are involved in learning a new skill. Students should also be prepared to work with art materials that can be messy. During the second part of the year, students will produce more complex projects, involving the potter's wheel, plaster molds, and combinations thereof. Students must be able to manage the wheel and be open to challenge and exploration. Projects may include teapots, casserole dishes, sets of bowls or plates, lidded boxes, mosaics, etc.

PHOTOGRAPHY VISUAL ARTS 1 (IG87)

Grades: 9-12 5 Credits Year

Prerequisite: None

This course provides a solid starting point for students interested in pursuing further studies in the art of photography and commercial graphic arts. Students will learn the basics of Adobe Photoshop and digital photography, as well as be introduced to Adobe Illustrator and the use vector art to create commercial graphics. Individualized projects provide opportunity for creative expression and critical thinking. In addition to photography basics, students will also learn techniques necessary for creating products such as notepads, buttons, and printed apparel. When students complete this course, they will have a variety of commercial art skills to help them become freelance digital photographers and graphic artists.

PHOTOGRAPHY VISUAL ARTS 2 (IG88)

Grades: 10-12 5 Credits Year

Prerequisite: Photography Visual Arts 1

This course is a continuation of photographic learning, geared more for the serious student who could be interested in studying the art of photography in college or improving and enhancing skills learned in Photography Visual Arts 1. Students will examine the photographic processes in more detail and explore how these processes can be used for documentary and artistic expression. A variety of projects will encourage students to critique their work according to artistic and technical standards as well as historical and sociological contexts.

Course Name	Course Number	Term	Grade	Credits	Value
Art 1	AR19	Year	9, 10, 11, 12	5	-
Art 2	AR29	Year	10, 11, 12	5	-
Art 3	AR39	Year	11, 12	5	-
Art of Crafts 5CR	AR54	Year	9, 10, 11, 12	5	-
AP Studio Art: Drawing	AA30	Year	11, 12	5	1
AP Studio Art: 2D-Design	AA32	Year	11, 12	5	1
Computer Graphics 1	AC19	Year	10, 11, 12	5	-
Computer Visual Arts	AC21	Semester	11, 12	2.5	-
Introduction to Animation	AR53	Semester	11, 12	2.5	-
Pottery	AP59	Year	12	5	-
Photography Visual Arts 1	IG87	Year	9, 10, 11, 12	5	-
Photography Visual Arts 2	IG88	Year	10, 11, 12	5	-

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