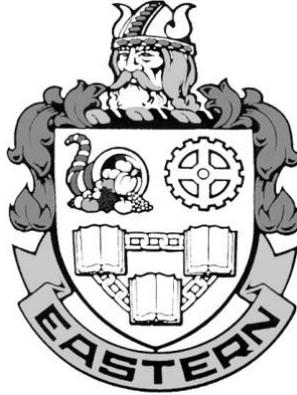


**Eastern Regional High School  
Box 2500 Laurel Oak Road  
Voorhees, NJ 08043  
(856) 784-4441**

**Curriculum Handbook  
2019-2020**



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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.

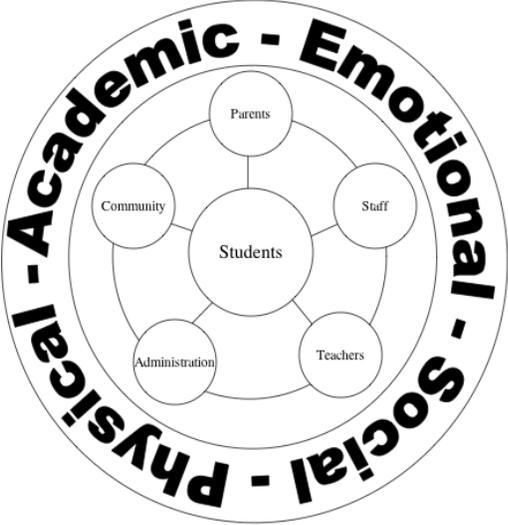
Academically, students are both nurtured and challenged as they explore an array of disciplines through a variety of opportunities. Teachers design curriculum to foster the development of skills that will enable students to function effectively in a rapidly changing global and technological society. 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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## 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
PHYSICAL EDUCATION AND HEALTH					4	3.75 per year
VISUAL AND PERFORMING ARTS					1	5
21 <sup>ST</sup> CENTURY LIFE AND CAREERS					1	5
FINANCIAL, ECONOMIC, BUSINESS, AND ENTREPRENEURIAL LITERACY *					.5	2.5
ELECTIVES						
<b>TOTAL CREDITS</b>						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 '♦'.*

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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 selected:*

- *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?*

## **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:

- I. Pass all required State assessments.
- II. Earn a total of 120 Credits
- III. Meet the district attendance policy
- IV. Complete the Senior Essay
- V. Pass the following courses:

<u><b>Program of Studies</b></u>	<b>Classes of 2019, 2020, 2021, 2022</b>
English Language Arts	4 years
World History/Cultures	1 year
United States History	2 years
Algebra 1	1 year
Geometry	1 year
Math—3 <sup>rd</sup> year	1 year
Biology	1 year
Science—2 <sup>nd</sup> Year	1 Year
Science—3 <sup>rd</sup> Year	1 Year
World Language	1 year
Physical Education and Health	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 '♦'.*

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## 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 proposed testing graduation requirements are pending before the New Jersey School Board of Education as of October 2018. No action is permitted during a public comment period. If approved, the new requirements will be published in this handbook.***

## **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 a *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, lead 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 the following courses: Concert Choir, Jazz Band, Jazz Ensemble Honors, String Orchestra, Symphonic Band, Advanced Placement Human Geography, or Gifted and Talented Seminar 1.

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

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## 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 can 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.

## Level Change Procedures

Students, faculty and parents are urged to seriously consider the reasons for a 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 a 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.

## Dropping a Course

Many courses, particularly electives, do not present an opportunity for a 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 put in writing by the parent/guardian and student, and submitted to the student's guidance counselor. A *dropped course* does not impact GPA.

### **Semester Course**

	<b>Effect on Transcript (credit will not be awarded)</b>
Prior to completion of 25 school days after the beginning of the semester	Course does not appear on transcript
Completion of 25 school days after the beginning of the semester (grade at time of withdrawal)	W/P (Withdraw Passing) or W/F (Withdrawal Failing)

### **Full Year Course**

	<b>Effect on Transcript (credit will not be awarded)</b>
Prior to completion of 45 school days	Course does not appear on transcript
Completion of 45 school days (grade at time of withdrawal)	W/P (Withdraw Passing) or W/F (Withdraw Failing)

## **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 summer course 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.

<b>Grade to Grade</b>	<b>Retained</b>	<b>Promoted</b>
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	85 credits or more or 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 insuring 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

Fall and Winter Sports – 30 credits earned previous year

Spring Sports – 15 credits earned 1<sup>st</sup> 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 21<sup>st</sup> 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.

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## SPECIAL PROGRAMS

### College at Eastern

Eastern Regional School District, in partnership with Camden County College (CCC) and Rowan College of Burlington College (RCBC), 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 CCC and RCBC 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 Now at Eastern program abbreviated schedule option is an exception from the 30-academic credit requirement.

**Consult the website for the *College at Eastern Handbook* for detailed information.**

### AP Capstone

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

AP Capstone is comprised of two AP courses — **AP Seminar** and **AP Research**— and is designed to complement and enhance the discipline-specific study in other AP courses. AP Students at Eastern Regional will be able to use the AP Capstone program to delve into unique research opportunities. AP Capstone was developed in response to feedback from higher education.

**In 2018-2019 Eastern Regional High School began the Advanced Placement Capstone program by offering Advanced Placement Seminar. Advanced Placement Research is being offered in the 2019-2020 school year for the first time.** AP Seminar is the first of two courses in the **AP Capstone™** program. AP Research is the second course. If a student earns scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of her/his choosing, the student will receive the **AP Capstone Diploma™**. This signifies outstanding academic achievement and attainment of college-level academic and research skills. Alternatively, if the student earns scores of 3 or higher in AP Seminar and AP Research only, the student will receive the **AP Seminar and Research Certificate™**.

### 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 exemption or like from physical education.

### Senior Early Release Privilege

Eligible senior students, in good standing to graduate, may select a schedule of four courses and a study hall. The four courses must include the graduation requirements of English and Health and Physical Education, a core subject elective, and an elective in a non-core subject. Students are dismissed following the daily study hall. The Senior 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.

Eligible seniors who do not have PM-Wheel academic classes will be assigned a Period 4 study hall (the period following lunch) each day of the four-day cycle. When dismissed from this study hall each day, students **must** sign out at the attendance office and should immediately leave the building and the campus. Students are responsible for their own transportation upon departure. **NOTE: These students do not qualify for Senior Academic Privilege (Late Arrival/Early Dismissal).**

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## **Advanced Credit: Online Courses for High School Credit**

High school credit will be awarded for courses taken via the Internet under the following conditions:

- (1) The Principal or his/her designee must approve all courses.
- (2) All courses must be approved prior to registration.
- (3) The institution must be accredited.
- (4) The course must be at a high school level or above.
- (5) The learning must be guided and must have an evaluation component (tests and/or projects).
- (6) All courses will be evaluated based on Eastern curriculum and/or New Jersey Student Learning Standards.
- (7) To obtain credit for any course, the student must submit a transcript or report card summary from the online institution.
- (8) All grades will be recorded numerically on a student's transcript.
- (9) Courses will not count in the student's GPA or class rank.
- (10) For Advanced Credit, students may not enroll prior to May 1.
- (11) Credits that determine grade level promotion must be submitted by August 15.
- (12) All students can earn a maximum of 5 credits via an online course per summer.
- (13) 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.

## **Basic Skills/Portfolio Appeal Program**

State required proficiency in English Language Arts and Mathematics is mandated to meet graduation requirements. Students, needing to demonstrate proficiency for graduation, 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.***

## **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.

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## 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:

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

A further description of these follows:

**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 recurring priority.* Student placement will be determined by previous academic achievement and consider 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 while gaining tuition savings. **PLEASE NOTE:** *The Advanced Placement test for college credit is optional. If a student chooses to take the test he/she will be responsible for the payment of the testing fee.*

Academic Level	Students are expected to:	The material will be covered through:	Student supports:
<b>CP</b>	<ul style="list-style-type: none"> <li>• Work towards mastery of the material</li> <li>• Complete all in-class and homework assignments</li> <li>• Gain general knowledge of the “how and why” of the concepts investigated</li> </ul>	<ul style="list-style-type: none"> <li>• Activities</li> <li>• Some lecture</li> <li>• Technology-based lessons</li> <li>• Homework assignments, which may be started in class</li> <li>• Projects done in class</li> </ul>	<ul style="list-style-type: none"> <li>• Activities requiring the use of critical thinking skills will be guided</li> <li>• A variety of assessments will be used providing students with multiple opportunities to demonstrate mastery of skills and concepts</li> </ul>
<b>Accelerated</b>	<ul style="list-style-type: none"> <li>• Work towards mastery of the material</li> <li>• Complete all in-class and homework assignments</li> <li>• Gain working knowledge of the “how and why” of the concepts investigated</li> </ul>	<ul style="list-style-type: none"> <li>• Activities</li> <li>• Lecture</li> <li>• Technology-based lessons designed to augment class work and re-enforce concepts</li> <li>• Projects done primarily outside of class</li> </ul>	<ul style="list-style-type: none"> <li>• A variety of assessments will be used providing the students with opportunities to demonstrate mastery of skills and concepts</li> <li>• Some guidance on activities, which require the use of critical thinking skills to complete</li> </ul>

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<b>Honors</b>	<ul style="list-style-type: none"> <li>• Work towards mastery of the material</li> <li>• Complete all in-class and homework assignments</li> <li>• Be able to work independently</li> <li>• Gain a deep understanding of the “how and why”</li> </ul>	<ul style="list-style-type: none"> <li>• Activities</li> <li>• Lecture</li> <li>• Technology-based lessons</li> <li>• Homework assignments designed to re-enforce and apply concepts, and to introduce new material</li> <li>• Projects requiring the application of material, which will be completed outside of class</li> </ul>	<ul style="list-style-type: none"> <li>• A variety of assessments with more weight for tests and quizzes</li> <li>• Students will complete activities, which require critical thinking without teacher guidance</li> </ul>
<b>Advanced Honors and Advanced Placement</b>	<ul style="list-style-type: none"> <li>• Work towards mastery of the material</li> <li>• Complete all in-class and homework assignments</li> <li>• Gain a deep understanding of the “how and why” and apply this knowledge to unique situations</li> </ul>	<ul style="list-style-type: none"> <li>• Activities</li> <li>• Lecture</li> <li>• Technology-based lessons</li> <li>• Homework assignments designed for application and self-assessment</li> <li>• Projects requiring the application of material, which will be done outside of class</li> <li>• Activities, which require the use of critical thinking skills to complete</li> </ul>	<ul style="list-style-type: none"> <li>• Assessments will prepare students for the advanced placement exams</li> <li>• Students will monitor their own progress and understanding of the material, seeking additional help when needed</li> </ul>

### **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 in an Honors or Advanced Placement course 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*, please know 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:***

1. Placement in English 1 CP and Algebra 1 CP will consider 7<sup>th</sup> and 8<sup>th</sup> grade State assessment results.
2. Science course prerequisites may contain both science and math components.
3. 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.

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## 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 System

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.

### 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 grade in the course is 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 traditional 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 this GPA calculation system. This includes courses in those subjects 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.

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

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. Completion of a course to remediate a subject failure will receive credit and value independent from the original. Both the original and remediated course will appear on the transcript, as well as calculated into the GPA. The remedial course grade does NOT replace the original grade. If an academic level is not indicated for the remediated course, the course will be deemed as “CP” level and calculated as such.
- “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.

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## PERFORMING & VISUAL 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. Acoustic guitars (not electric) will be used to further enhance the skills acquired in this course. Each student must furnish an acoustic guitar.

#### **CONCERT CHOIR (DC39)**

Grades: 9-12

5 Credits

Year

***Prerequisite:* Placement audition required**

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 Choir 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 Choir and Select Choir courses. **The course requires attendance at specified public performances, concerts, etc., and demands that the student be available for required after school rehearsals.**

#### **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:* By audition only**

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.**

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**JAZZ BAND (DJ18)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** *By audition only*

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, 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*

Music Production and Technology 2 seeks to build upon the skills and material introduced and developed in Music Production and Technology. 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 18<sup>th</sup> 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 he/she will be responsible for the payment of the testing fee.*

**PAGE TO STAGE AND BEYOND (DP19)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** *None*

This course focuses on acting by drawing on different plays and styles of theater. Students will improve their acting techniques by working on monologues, dialogues, and scenes with classmates. Units include stage movement, stage combat, analyzing text, basic blocking, comedic timing, and creating believable characters. The acting methods of Stanislavsky, Boal, Meisner and Adler will be covered, as well as the works of modern directors. This class is participation-oriented and students will perform for an audience on a regular basis.

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**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.**

**SYMPHONIC BAND (DB79)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** By audition only.

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 musical repertoire and performance demands are to be noted as more challenging than those of the String Band course. **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 the Concert and 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
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
Page to Stage and Beyond	DP19	Year	9, 10, 11, 12	5	-
String Orchestra	DS29	Year	9, 10, 11, 12	5	-
Symphonic Band	DB79	Year	9, 10, 11, 12	5	-
Wind Ensemble Honors **	DW19	Year	9, 10, 11, 12	5	2

Note: \*\*Marked courses require audition/invitation

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## 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 pencil, colored pencil, pen & ink, watercolor, tempera 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 I. 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 I 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 (AR50)**

Grades: 9-12

2.5 Credits

Semester

**Prerequisite:** None

Art of Crafts 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 concentration or focus, 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. Work may be submitted on an optional basis in portfolio form to the AP Program for evaluation for college credit. Please note: If the student chooses to have his/her portfolio evaluated he/she 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. Work can be submitted to the College Board on an optional, but encouraged, basis for evaluation.

*Please note: If the student chooses to have his/her portfolio evaluated by the College Board, he/she is responsible for the submission fee.*

### **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, Bryce, Quark, 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.

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**COMPUTER VISUAL ARTS (AC21)**

Grades: 11-12

2.5 Credits

Semester

**Prerequisite:** *Computer Graphics or Prior Art Course*

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 or Prior Art Course*

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.

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	AR50	Semester	9, 10, 11, 12	2.5	-
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	-

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## CAREER, CONSUMER, FAMILY/LIFE SKILLS, & VOCATIONAL-TECHNICAL

### 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 or Accounting 1 Accelerated

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.

#### **COMPUTER APPLICATIONS (CC13)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** None

Computer Applications is designed to emphasize on developing beginning knowledge of word processing, presentation, and data entry skills to produce documents such as letters, flyers, outlines, workbooks, slideshows, and research papers. Students will produce projects using the programs Microsoft Word, Excel, and PowerPoint. Students will use the presentation skills learned to present their projects. Students will also work to develop touch-typing skills.

#### **CODING (BO70)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** None

Students will learn about the basics of web development using the HTML, CSS and Python language to create programs that are both fun and interactive.

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**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: 10-12

5 Credits

Year

**Prerequisite:** None

This course is designed to prepare individuals to enter the field of marketing. Emphasis is placed on the development of attitudes, skills, and understandings related to marketing, merchandising and management. Students will also have the opportunity to participate in DECA activities on the local, state and national levels.

**MARKETING 1 HONORS (BM32)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** None

This is a college course, which uses a college textbook, designed to give students an understanding of marketing and business. Students will explore the marketing process and discover how major businesses operate within the marketing system. Students will also have the opportunity to participate in DECA activities on the local, state and national levels.

**MARKETING 2 HONORS (BM42)**

Grades: 10-12

5 Credits

Year

**Prerequisite:** Marketing 1 or Marketing Honors

The Marketing 2 Honors course is designed for students who have the desire to further expand their knowledge of concepts related to the field of Marketing. This advanced course will include units on Marketing Research, Market Segmentation & Consumer Behavior, Product Strategy, Pricing Strategy, and Distribution Strategy. 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.

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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	-
Computer Applications	CC13	Year	9, 10, 11, 12	5	-
Coding	BO70	Year	9, 10, 11, 12	5	-
Entrepreneurship ♦	BE19	Semester	10, 11, 12	2.5	-
Personal Financial Literacy ♦	BF18	Semester	9, 10, 11, 12	2.5	-
Marketing 1	BM19	Year	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	-

**Note:** ♦ This course fulfills the Financial Literacy graduation requirement

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**PROGRAMMING HONORS (CP10)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** Algebra 1

This course is designed for the student who wishes to develop fundamental skills in programming. This introductory course will enable students to understand the underlying concepts of computer programming while developing specific skills that enable the student to design and develop general structured programs. Programming will be done in the JAVA language.

**ADVANCED PLACEMENT COMPUTER SCIENCE A (CC20)**

Grades: 10-12

5 Credits

Year

**Prerequisite:** Programming Honors (74) and Geometry Honors (74) or Accelerated (83) is strongly recommended

This course is the introduction to programming in an object-oriented environment. It exposes the student to the JAVA language as a way to enhance web-based presentations. It teaches the language fundamentals that lead the student into advanced programming with JAVA. Topics include the user interface, arrays, classes, sorting, recursion, and linear collections. **PLEASE NOTE:** The Advanced Placement test for college credit is optional. If a student chooses to take the test he/she will be responsible for the payment of the testing fee.

**ADVANCED PLACEMENT COMPUTER PRINCIPLES (CC19)**

Grades: 10-12

5 Credits

Year

**Prerequisite:** Algebra 1 Honors (83) or Department Recommendation

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 he/she will be responsible for the payment of the testing fee.

Course Name	Course Number	Term	Grade	Credits	Value
Programming Honors	CP10	Year	9, 10, 11, 12	5	2
AP Computer Science	CC20	Year	10, 11, 12	5	1
AP Computer Principles	CC19	Year	10, 11, 12	5	1

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## FAMILY AND CONSUMER SCIENCES

### **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, or Department Recommendation*

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. **Students must complete an application available from the teacher to be approved for this course. 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.**

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**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

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.

**PRE-SCHOOL CHILD DEVELOPMENT LAB 1 (PC11)**

Grades: 10-12

6 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- to 5-year old children enrolled in the Little Vikings Playschool 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 LAB 2 (PC21)**

Grades: 11-12

6 Credits

Year

**Prerequisite:** Pre-School Child Development Lab

Pre-School Child Development Lab Advanced 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 the first level Child Development students.

Course Name	Course Number	Term	Grade	Credits	Value
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	-
Pre-School Child Development Lab 1	PC11	Year	10, 11, 12	6	-
Pre-School Child Development Lab 2	PC21	Year	11, 12	6	-

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## GIFTED AND TALENTED

### GIFTED AND TALENTED SEMINAR 1 (GF02)

Grade: 9

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.

**Students successfully completing Gifted and Talented Seminar 1 are highly recommended to enroll in the AP Capstone Program, Advanced Placement Seminar Course.**

### GIFTED AND TALENTED SEMINAR 2 (GT11)

Grades: 10-11

5 Credits

Year

**Prerequisite:** *Identification by locally applied criteria utilizing nationally normed instruments*

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.

**Students successfully completing Gifted and Talented Seminar 1 or Seminar 2 are highly recommended to enroll in the AP Capstone Program, Advanced Placement Seminar Course.**

### GIFTED AND TALENTED SEMINAR 3 (GT 21)

Grade: 11

5 Credits

Year

**Prerequisite:** *Gifted and Talented Seminar 1 or Seminar 2, or Department Recommendation*

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, or Department Recommendation*

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 an advanced level of product.

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

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## AP CAPSTONE PROGRAM

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

AP Capstone is comprised of two AP courses — **AP Seminar** and **AP Research**— and is designed to complement and enhance the discipline-specific study in other AP courses. AP Students at Eastern Regional will be able to use the AP Capstone program to delve into unique research opportunities.

AP Capstone was developed in response to feedback from higher education. The two AP Capstone courses, with their associated performance tasks, assessments, and application of research methodology, require students to:

- Analyze topics through multiple lenses to construct meaning or gain understanding.
- Plan and conduct a study or investigation.
- Propose solutions to real-world problems.
- Plan and produce communication in various forms.
- Collaborate to solve a problem.
- Integrate, synthesize, and make cross-curricular connections.

**In 2018-2019 Eastern Regional High School began the Advanced Placement Capstone program by offering Advanced Placement Seminar. Advanced Placement Research is being offered in the 2019-2020 school year for the first time.** AP Seminar is the first of two courses in the **AP Capstone™** program. AP Research is the second course. If a student earns scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of her/his choosing, the student will receive the **AP Capstone Diploma™**. This signifies outstanding academic achievement and attainment of college-level academic and research skills. Alternatively, if the student earns scores of 3 or higher in AP Seminar and AP Research only, the student will receive the **AP Seminar and Research Certificate™**.

### **AP SEMINAR (GT52)**

Grade: 10-11

5 Credits

Year

**Prerequisite:** *Expected AP Exams of '3' or Higher on Four or More AP Exams by Graduation.* Students will investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own lines of reasoning in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. The course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. **PLEASE NOTE:** *The Advanced Placement assessment for college credit is optional. If a student chooses to take the test he/she will be responsible for the payment of the testing fee.*

### **AP RESEARCH (GT53)**

Grade: 12

5 Credits

Year

**Prerequisite:**

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. **PLEASE NOTE:** *The Advanced Placement assessment for college credit is optional. If a student chooses to take the test he/she will be responsible for the payment of the testing fee.*

Course Name	Course Number	Term	Grade	Credits	Value
AP Seminar	GT52	Year	10, 11	5	1
AP Research	GT53	Year	12	5	1

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## INDUSTRIAL ARTS

**ARCHITECTURE 1 (IE20)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** None

Students will refine 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 and Design/CAD or Architectural Engineering and Drawing Design/CAD*

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 (IB29)**

Grades: 10-12

5 Credits

Year

**Prerequisite:** *Building Trades 1 (or 10<sup>th</sup> 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 (IB39)**

Grades: 11-12

5 Credits

Year

**Prerequisite:** *Building Trades 2 (or 11<sup>th</sup> 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 and Design/CAD or Architectural Engineering and Drawing Design/CAD*

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.

[Return to Table of Contents](#)**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 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*

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.

**PHOTOGRAPHY/GRAPIC ARTS 1 (IG89)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** None

This course begins with this introduction to basic concepts in photography, an exploration of photography as a means of communication and an introduction to the materials and processes used to shoot and develop film. Students will begin with construction of a pinhole camera, one of the earliest photographic devices, and progress to hands-on experience with modern equipment and development procedures. Basic Photography provides a solid starting point for those interested in pursuing further studies in the art of photography or interested in understanding this important art form. Exploration of special effects and the introduction of color photography will provide a greater range of creative options for the photography student. Students will learn needed skills for scanning and computer editing. Individualized projects provide opportunity for creative expression and critical thinking.

**PHOTOGRAPHY/GRAPHIC ARTS 2 (IG90)**

Grades: 10-12

5 Credits

Year

**Prerequisite:** *Photography/Graphic 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 Basic Photography. 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.

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**STAGE DESIGN AND CONSTRUCTION (IB49)**

Grades: 9-12

2.5 Credits Semester

**Prerequisite:** None

Students will learn safe working habits/practices and how to safely/skillfully operate the tools and machinery commonly used in the stage craft/field. Curriculum units will align with the Eastern High School stage crew shows/activities as well as the current design/fabrication trends in the industry.

**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. Safe will have a great 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.

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	IB29	Year	10, 11, 12	5	-
Building Trades 3	IB39	Year	11, 12	5	-
Engineering Drawing 1	IE18	Year	9, 10, 11, 12	5	-
Engineering Drawing 2	IE24	Year	10, 11, 12	5	-
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	-
Photography/Graphic Arts 1	IG89	Year	9, 10, 11, 12	5	-
Photography/Graphic Arts 2	IG90	Year	10, 11, 12	5	-
Stage Design and Construction	IB49	Semester	9, 10, 11, 12	2.5	-
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	-

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**TV AND MEDIA**

**TV/MEDIA PRODUCTION 1 (IM19)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** None

This course will introduce students to the world of electronic communications. Students will acquire knowledge in both the technical and creative skills and techniques used in TV and radio productions. Students will demonstrate hands-on learning with studio video cameras and camcorders, lighting, special effects devices and audio recorders/mixers. A wide range of experiences will be provided in speaking, scriptwriting, editing, and computer graphics and on camera presence and delivery. Students will develop design skills for planning and producing a variety of materials for school, cable and related uses. They will acquire knowledge and skills in Digital Technology in Media and the many uses as it relates to the changing world of Media. Students will utilize art elements and arts media to produce productions appropriate for airing on ETV/Channel 19.

**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	-

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## ENGLISH

### **Summer Reading Requirement for English courses:**

**Refer to the Eastern Website: *Parents & Students >Summer Programs* for information about summer reading requirements.**

#### **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 and 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 language arts 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 language arts 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 and 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.

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**ENGLISH 2 ACCELERATED (XN23)**

Grade: 10

5 Credits

Year

**Prerequisite:** *English 1 Accelerated or English 1 CP (83)*

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 (74) or English 1 Accelerated (83)*

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 (74) or English 1 Honors (83)*

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 Alborn's *Tuesdays with Morrie*.

**ENGLISH 3 ACCELERATED (XN33)**

Grade: 11

5 Credits

Year

**Prerequisite:** *English 2 Accelerated or English 2 CP (83)*

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.

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### ENGLISH 3 HONORS (XN32)

Grade: 11

5 Credits

Year

**Prerequisite:** *English 2 Honors (74) or English 2 Accelerated (83)*

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 (74) or English 2 Honors (83), or Department Recommendation*

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 he/she 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 or English 3 CP (83)*

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 (74) or English 3 Accelerated (83)*

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.

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## ADVANCED PLACEMENT ENGLISH: LITERATURE AND COMPOSITION (XN40)

Grade: 12

5 Credits

Year

**Prerequisite:** *Advanced Placement Language and Composition (74) or English 3 Honors (83), or Department Recommendation*

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 he/she 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

### COMPETITIVE DEBATE (XN94)

Grades: 9-12

2.5 Credits

Semester

**Prerequisite:** *None*

Competitive Debate is a class that explores rhetoric, logic, reasoning and persuasion using the power of language, linguistics, and research to introduce and practice the styles of both the Policy and the Lincoln/Douglas debate structures.

### 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, Adobe 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.

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**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.

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	-
Competitive Debate	XN94	Semester	9, 10, 11, 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	-

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## MATHEMATICS

### **Calculator Requirements:**

A graphing calculator is required for all courses, except *College Transition Math CP 1 & 2*.

All courses will be taught using the TI-83 graphing calculator.

**Please note:** 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, Radical Expressions and Equations, and Data Analysis and Probability.

**Students in Algebra I CP and Accelerated 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, Radical Expressions and Equations, and Data Analysis and Probability.

**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:** Prior math course (83)

**Topics:** Numerical Operations and Number Sense, Constructing, Solving, and Using Equations, Descriptive Statistics and the Blast-off Project, Linear Equations, Inequalities and Absolute Value, Systems of Equations, Matrices, and Inequalities, Functions and Graphs, Exponents and Radicals, Polynomials, Quadratic Functions and Factoring, and Rational Functions.

### **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 Areas and Volumes of Solids, use of Geometer's Sketchpad, and Probability.

### **GEOMETRY ACCELERATED (MG23)**

Grades: 9 -12

5 Credits

Year

**Prerequisite:** Algebra 1 Accelerated or Algebra 1 CP (83)

**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 Areas and Volumes of Solids, use of Geometer's Sketchpad, and Probability.

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**GEOMETRY HONORS (MG22)**

Grades: 9 -12

5 Credits

Year

**Prerequisite:** *Algebra 1 Honors (74) or Algebra 1 Accelerated (83)*

**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, use of Geometer's Sketchpad, and Probability.

**ALGEBRA 2 CP (MA44)**

Grades: 10 -12

5 Credits

Year

**Prerequisites:** *Algebra 1 and Geometry*

**Topics:** Functions, Equations and Graphs, Systems of Equations, Quadratic Equations and Functions, Polynomial Functions, Rational Functions, Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, Sequences and Series, Trigonometry, Probability and Statistics.

**ALGEBRA 2 ACCELERATED (MA43)**

Grades: 10 -12

5 Credits

Year

**Prerequisites:** *Algebra 1 Accelerated or CP (83) and Geometry Accelerated or CP (83)*

**Topics:** Functions, Equations and Graphs, Systems of Equations, Quadratic Equations and Functions, Polynomial Functions, Rational Functions, Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, Sequences and Series, Trigonometry, Probability and Statistics.

**ALGEBRA 2 HONORS (MA42)**

Grades: 10 -12

5 Credits

Year

**Prerequisites:** *Algebra 1 Honors (74) or Accelerated (83) and Geometry Accelerated (83)*

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

**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 CP (MA52)**

Grade: 12

5 Credits

Year

**Prerequisites:** *Accuplacer, Algebra 1, Geometry, and Prior or Concurrently 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.

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**PRECALCULUS ACCELERATED (MC43)**

Grades: 11-12

5 Credits

Year

**Prerequisites:** *Algebra 1 Accelerated and Geometry Accelerated or Algebra 2 CP (83) and Geometry CP (83)***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 Functions, Mathematical Modeling, Polynomial and Rational Functions, Exponential and Logarithmic Functions, Sequences and Series. *Students may select only Precalculus Accelerated or Precalculus Honors, not both. These are non-sequential courses.***PRECALCULUS HONORS (MC42)**

Grades: 11-12

5 Credits

Year

**Prerequisites:** *Algebra 2 Honors (74) and Geometry Honors (74) or Geometry Accelerated (83)***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 (74) or Precalculus Accelerated (83)***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 (74), or Department Recommendation***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 he/she will be responsible for the payment of the testing fee.***ADVANCED PLACEMENT CALCULUS BC (MC61)**

Grade 12

5 credits

Year

**Prerequisite:** *Precalculus Honors (74)***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 he/she will be responsible for the payment of the testing fee.***PROBABILITY AND STATISTICS ACCELERATED (MP23)**

Grades 11-12

5 credits

Year

**Prerequisite:** *Algebra 2 CP (83), Accelerated, Honors (74), or Department Recommendation***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.**APPLIED STATISTICS (MP26)**

Grade 12

5 credits

Year

**Prerequisite:** *Successfully completed Algebra 2*

Non-tracked math course for the senior year. In this course 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 course curriculum 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.

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**ADVANCED PLACEMENT STATISTICS (MS10)**

Grades 11 – 12

5 credits

Year

**Prerequisite:** Algebra 2 Honors (74), or Department Recommendation**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 he/she will be responsible for the payment of the testing fee.

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
Basic Skills Instruction	RZ11, RZ12	Semester	12	2.5	-
College Transition Math CP	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
Probability & Statistics Accelerated	MP23	Year	11, 12	5	3
Applied Statistics	MP26	Year	12	5	-
AP Statistics	MS10	Year	11, 12	5	1

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## HEALTH and 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 likewise 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 and 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)

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)

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 H4 (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).

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	YP31	Year	11, 12	5	-
Physical Education 4/Health (Not Offered in 2019-20)	YP41	Year	11, 12	5	-
Lifestyle Fitness/Health (Option to PE 4/Health)	YP52	Year	11, 12	5	-

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## 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

6 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 or Algebra I CP (83) and Biology Accelerated or Biology CP (83)

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

### **CHEMISTRY HONORS (FC32)**

Grades: 10-12

6 credits

Year

**Prerequisites:** Algebra 1 Honors (74) or Algebra 1 (83) and Biology Honors (74) or Biology Accelerated (83)

**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 or Algebra I CP (83) and Chemistry Accelerated or Chemistry CP (83)

**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:** Algebra 1 Honors (83), Geometry Honors (83), Algebra 2 Honors Prior or Concurrent, and Chemistry Honors (83)

**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 he/she will be responsible for the payment of the testing fee.

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## ANATOMY AND PHYSIOLOGY HONORS (FB52)

Grade 12

6 credits

Year

**Prerequisite(s):** *Biology Honors (74) or Accelerated Biology (83)*

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 (83) and Chemistry Honors (83), or Department Recommendation 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 he/she will be responsible for the payment of the testing fee.*

## ADVANCED PLACEMENT CHEMISTRY (FC50)

Grades 11-12

6 credits

Year

**Prerequisites:** *Chemistry Honors (83) and Algebra 2 Honors (83), or Department Recommendation*

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 he/she will be responsible for the payment of the testing fee.*

## ENVIRONMENTAL SCIENCE ACCELERATED (FE33)

Grades 11-12

5 credits

Year

**Prerequisite:** *Biology Accelerated or Biology CP (83) and Chemistry Accelerated or Chemistry CP (83)*

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.

## ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (FE31)

Grades 11-12

6 credits

Year

**Prerequisite:** *Biology Honors (83) and Chemistry Honors (83), or Department Recommendation*

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 he/she will be responsible for the payment of the testing fee.*

## FORENSICS SCIENCE CP (FF11)

Grades 11-12

5 credits

Year

**Prerequisite:** *Biology and Chemistry*

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 science course to meet graduation requirements.**

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**ADVANCED PLACEMENT PHYSICS C (FP40)**

Grades 12

6 credits

Year

**Prerequisite(s):** *AP Physics I (74) and concurrent with AP Calculus, or Department Recommendation*

The **AP Physics C: Mechanics** course 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 is used throughout the course.

The **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 is 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 he/she 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	6	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
Forensics Science CP	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.

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## 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 19<sup>th</sup> 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 or CP (83)**

This full year course studies the story of American History from Colonization through the 19<sup>th</sup> 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 (74) or Accelerated (83)**

This full year course studies the story of American History from Colonization through the 19<sup>th</sup> 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.

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### **ADVANCED PLACEMENT U.S. HISTORY 1 (VU20)**

Grades: 10-11

5 Credits

Year

**Prerequisite:** *World History Honors (83) or Department Recommendation*

This full year course studies the story of American History from Discovery through the 19<sup>th</sup> 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 19<sup>th</sup> 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 20<sup>th</sup> 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 or CP (83)*

This full year course studies the story of American History from Industrialization through the 20<sup>th</sup> 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 (74) or Accelerated (83)*

This full year course studies the story of American History from Industrialization through the 20<sup>th</sup> 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:** *U.S. History 1 Advanced Placement (74), Honors (83), or Department Recommendation*

This full year course studies the story of American History from the last quarter of the 19<sup>th</sup> Century through the 20<sup>th</sup> 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 he/she will be responsible for the payment of the testing fee.*

## **SOCIAL STUDIES ELECTIVES**

### **ADVANCED PLACEMENT EUROPEAN HISTORY (VW11)**

Grades: 10-12

5 Credits

Year

**Prerequisite:** *Prior Honors social studies or English course (83), or Department Recommendation*

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 he/she will be responsible for the payment of the testing fee.*

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### ADVANCED PLACEMENT HUMAN GEOGRAPHY (VG20)

Grades: 9-12

5 Credits

Year

**Prerequisite:** *Prior or Concurrently World History Honors, or Department Recommendation*

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 he/she will be responsible for the payment of the testing fee.*

### ADVANCED PLACEMENT MACROECONOMICS (VE30) ♦

Grades: 11-12

5 Credits

Year

**Prerequisite:** *Algebra 1 Honors (83) or Department Recommendation*

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 he/she will be responsible for the payment of the testing fee.*

### ADVANCED PLACEMENT MICROECONOMICS (VE20) ♦

Grades: 11-12

5 Credits

Year

**Prerequisite:** *Algebra 1 Honors (83) or Department Recommendation*

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 he/she will be responsible for the payment of the testing fee.*

### HISTORY THROUGH MEDIA ACCELERATED (VM10)

Grades: 10-12

2.5 Credits

Semester

**Prerequisite:** *None*

This course is designed to allow students the opportunity to study history through various media sources while exposing students to 21st Century media literacy skills. *History Through Media* will provide an overview of the influence of media on historical events and the portrayal of history through multiple media genres. Students will study history through the following types of media: films, historical documentaries, music, newspapers, magazine articles, and Internet and social media.

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

Grades: 11-12

5 Credits

Year

**Rationale:** This course may be offered as a dual credit course, pending approval from Stockton University. Students will explore various aspects of genocide, human behavior, and crimes against humanity. The Holocaust will be the focus of about half of the course with the remainder devoted to contemporary genocidal issues as well as human rights. Current events will also be explored. A variety of learning and teaching techniques will be employed which include interpretation of primary and secondary source materials/accounts, projects, historical film and literature, and personal experiences of survivors. 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.

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### **MODERN AMERICAN ISSUES HONORS (VM12) ♦**

Grades: 10-12

2.5 Credits

Semester

**Prerequisite:** *Prior Honors social studies or English course (74) or Accelerated (83)*

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.

### **ORIGINS OF WAR AND PEACE: 1914 TO PRESENT HONORS (VO12)**

Grades: 11-12

5 Credits

Year

**Prerequisite:** *Prior Honors social studies or English course (74) or Accelerated (83)*

This history course will examine the origins of several international conflicts involving the United States and its attempts to preserve peace afterward. The course will trace the origins of World I and II, the Korean Conflict, the Vietnam War and the Cuban Missile Crisis, the Persian Gulf War and the NATO Offensive in Eastern Europe. Materials for the course will consist of primary and secondary sources, including paperbacks, periodicals and journalism Internet sources and guest speakers. Students will do a considerable amount of reading and classroom discussion, as well as preparation of oral presentations, and the writing of college level research papers, position papers and essays, and book reviews.

### **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 (83), or Department Recommendation*

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 he/she 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 (83), or Department Recommendation*

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 he/she will be responsible for the payment of the testing fee.*

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## ADVANCED PLACEMENT WORLD HISTORY (VW09)

Grades: 10-12

5 Credits

Year

**Prerequisite:** Prior Honors social studies or English course (83), or Department Recommendation

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 he/she 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 2019-20)	VW11	Year	10, 11, 12	5	1
History Through Media Accelerated	VM10	Semester	11, 12	2.5	3
Holocaust, Genocide, and Crime Against Humanity Honors	VM22	Year	11, 12	5	2
AP Human Geography	VG20	Year	9, 10, 11, 12	5	1
AP Macroeconomics ♦ (Not offered in 2019-20)	VE30	Year	11, 12	5	1
AP Microeconomics ♦	VE20	Year	11, 12	5	1
Modern American Issues Accelerated ♦	VM11	Semester	10, 11, 12	2.5	3
Modern American Issues Honors ♦	VM12	Semester	10, 11, 12	2.5	2
Origins of War/Peace Honors	VO12	Year	11, 12	5	2
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	VW09	Year	10, 11, 12	5	1

**Note:** ♦ This course fulfills the Financial Literacy graduation requirement

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## WORLD LANGUAGES

### **FRENCH 1 HONORS (LF12)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** None

Students will be able to use French in addition to English to engage in meaningful conversation, to understand and interpret spoken and written language, and to present information, concepts, and ideas, while also gaining an understanding of the perspectives of francophone cultures. Through their studies, they will also compare the French language and culture with their own. Students will be expected to demonstrate appropriate level proficiency through quizzes, skits, writing samples and presentations.

### **FRENCH 2 HONORS (LF22)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** French 1 Honors

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

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

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

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 he/she 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 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 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.

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**LATIN 3 HONORS (LL32)**

Grades: 11-12

5 Credits

Year

**Prerequisite:** *Latin 2 Honors*

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 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 he/she will be responsible for the payment of the testing fee.*

**SPANISH 1 ACCELERATED (LS13)**

Grades: 9-12

5 Credits

Year

**Prerequisite:** *None*

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*

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 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 (74) or Accelerated (83)*

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*

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.***

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**SPANISH 3 HONORS (LS32)**

Grades: 10-12

5 Credits

Year

**Prerequisite:** *Spanish 2 Honors (74) or Spanish 2 Accelerated (83)*

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 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 (83) or Department Recommendation*

This course is an advanced fifth year course designed to lead the student to intermediate level oral and written proficiency in the language. 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 he/she will be responsible for the payment of the testing fee.*

Course Name	Course Number	Term	Grade	Credits	Value
French 1 Honors	LF12	Year	9, 10, 11	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 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

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