EAST LYME HIGH SCHOOL

PROGRAM OF STUDIES 2026-2027



MISSION STATEMENT

The East Lyme High School experience prepares students academically, emotionally, and socially to be positive forces in the world and to live responsible, purposeful, and healthy lives.



CONTENTS

Course Selection, Scheduling & Timeline

Graduation Requirements

- Grading System/Grade Point Average
- The Viking Voyage
- Viking Voyage Requirements
- Report Cards and Marking System, GPA Chart, Honor Roll,
- Promotion Requirements
- Special Education

Course Offerings

- Humanities
  - English
  - Social Studies
  - Fine Arts
- STEM
  - Science
  - CTE (Career & Technical Education)
  - Mathematics
- Wellness
- World Languages

College & Career Exploration

- Advanced Placement Program
- Career Concentrations
- College Partnership Programs
- Pathways Program

(All underlined titles above are hyperlinks)

COURSE SELECTION AND SCHEDULING

Students are given course registration information during the second semester and will meet with teachers to determine recommended core courses for the following year. Students are required to meet with their counselor. Subjects are then scheduled according to the spaces available and the times the courses are offered.

Schedules will be made available by the end of the summer. To make schedule changes before school starts, an appointment can be made by calling the Counseling Office at (860)739-6946 x 5580 or by emailing your school counselor.

During the school year, changes are made after the completion of the quarter and are pending based on space availability and parent-teacher collaboration. A class drop will not be allowed if it causes the student to drop below the minimum credits required by the school or impacts graduation status. A student can withdraw from a course without penalty until the end of Quarter 1 for both full year and Semester 1 courses, and Quarter 3 for second semester courses. When there is a change in level, the grade will be calculated at the quarter completion and adjusted with the appropriate weight.

- Elective Schedule changes will be allowed throughout the summer. New classes will not be added after this time.
- Course withdrawals or level changes are teacher initiated and require the completion of the course change form.
- Changes based on instructor or time preference are not permitted.
- Students who drop a class after Quarter 1/Quarter 3 (for second semester classes) will receive a WF (Withdraw Failing) on their record. Waiving the WF requires teacher and administrative approval.

- Transcripts will be re-sent to colleges whenever a change is made to a senior's schedule.
- All students in grades 9-11 must maintain 6.5 credits and students in grade 12 must maintain 6.0 credits as scheduling allows. A class drop will not be allowed if it causes the student to go below the minimum required credits.
- Override requests for the following school year are considered until the last day of the preceding school year.

***A W/F (Withdraw Failing) carries the same consequence as a failing grade for academic GPA and athletic eligibility.**

Parental Overrides

If a parent and student choose to appeal the recommendation of a teacher for level placement in a course, they must follow the outlined procedure:

- Turn in an override form with all necessary signatures by the last day of the prior school year.
- Override forms will be considered individually after the master schedule is developed, depending on class sections and size.
- If a student/parent overrides a class against a faculty recommendation, parents and students understand that a future level change may not be possible.

*No student can have more than TWO parent overrides per academic year.

Independent Studies, Aides, Classroom Assistants

Students who wish to enroll in an Independent Study course or receive credit for any class not listed in the Program of Studies must complete an Independent Study Request Form signed by the student, the student's parent/guardian, the overseeing teacher, the department CIL, and the student's counselor. The form must be submitted to the principal for approval and will not be added to a student's schedule until that is completed. Independent study classes, aides, and assistants will be graded P/F unless otherwise approved by the principal.

Home Schooling

Students who have been homeschooled and wish to enroll at East Lyme High School must present their previous plan of study (approved by the local area superintendent) and portfolios of all student work to receive credit and for future class placement. The appropriate subject area Curriculum Instructional Leader will review portfolios and assessment tests (ELHS Mid-Term and Final Exams) will be administered when appropriate. Credit will be granted based on work accomplished and mastery demonstrated. Appropriate placement will be made based on these assessments and other relevant factors such as a student's age and prior educational history. Grades will not be assigned for any home-schooling experiences.

Homebound Tutoring

Homebound Tutoring students who are absent from school for an extended period (more than ten school days) may be eligible for homebound tutoring with appropriate medical documentation. Long-term homebound tutoring is reviewed on a case-by-case basis. This service is available at no cost to the parents or students provided they meet the following specific requirements:

- Authorized medical note.
- PPT, 504, MTSS team review
- Principal's approval

COURSE SELECTION TIMELINE

February

Rising Vikings Night

Program of Studies becomes available.

Teachers input course recommendations.

Students meet with teachers to review recommendations.

March

ELHS Counselors work with ELMS and Salem Staff to provide transition programming and facilitate elective course selection and teacher recommendations.

Students electronically select electives.

Spring Semester

ELHS Counselors meet with students to review course selections.

Summer Break

Schedules made available online.



GRADUATION REQUIREMENTS

Class of 2027 and beyond

Humanities (English, Social Studies, Fine Arts)	ELHS Credit Requirement	Credits that fulfill State Requirement (9.0 credits)
English	4.0	4.0
Social Studies	3.5	3.0 (including Civics)
Fine Art	1.0	1.0
Humanities Elective	0.5	1.0 (0.5 is Social Studies Elective)

STEM (Science, CTE, Math)	ELHS Credit Requirement	Credits that fulfill State Requirement (9.0 credits)
Science	3.0	3.0
CTE	1.0	1.0
Math	3.0	3.0
Personal Finance	0.5	0.5
STEM Elective	1.5	1.5

World Language	2.0	1.0 (can be counted towards Humanities elective requirement)
Health and Wellness	2.0	2.0 (1.0 Health, 1.0 PE)
Viking Voyage	1.0	1.0
Electives	2.0	TBD
Total	25	Minimum of 25

***Humanities electives include courses in English, Social Studies, or Fine Arts. 1.0 of the 2.0 World Language ELHS requirement can be used towards Humanities requirement.**
***STEM electives could include additional Math, Science, Business Education, Family Consumer Science, Technology Education and/or Career and Technical Education classes.**

GRADING SYSTEM

Class work, homework, class participation, and test marks are included in the computation of the student's grades. The passing mark in all subjects at East Lyme high School is 60. Grades are reported quarterly by means of the report card. Class participation is a valued component of a student's education at ELHS and will be clearly defined in each teacher's documented class expectations.

Letter grades recorded on the report card reflect the following figures:

A+	97-100	4.33		A	93-96	4.0		A-	90-92	3.67
B+	87-89	3.33		B	83-86	3.0		B-	80-82	2.67
C+	77-79	2.33		C	73-76	2.0		C-	70-72	1.67
D+	67-69	1.33		D	63-66	1.0		D-	60-62	0.67
F	Below 60	0.0		WF	Withdraw Failing	0.0				
AU	Audit	N/A		P	Pass	N/A		I	Incomplete	N/a

GRADE POINT AVERAGE

Both an unweighted and weighted GPA are calculated for each student upon completion of four semesters and after each subsequent semester. The unweighted, cumulative GPA is a simple average of all courses on a 4.0 scale. The weighted GPA is based on grades earned in leveled classes only (see grid here).

East Lyme High School publishes both an unweighted and weighted GPA and **does not calculate class rank.** The above graphic represents individual students' overall level of academic performance in relation to their class.

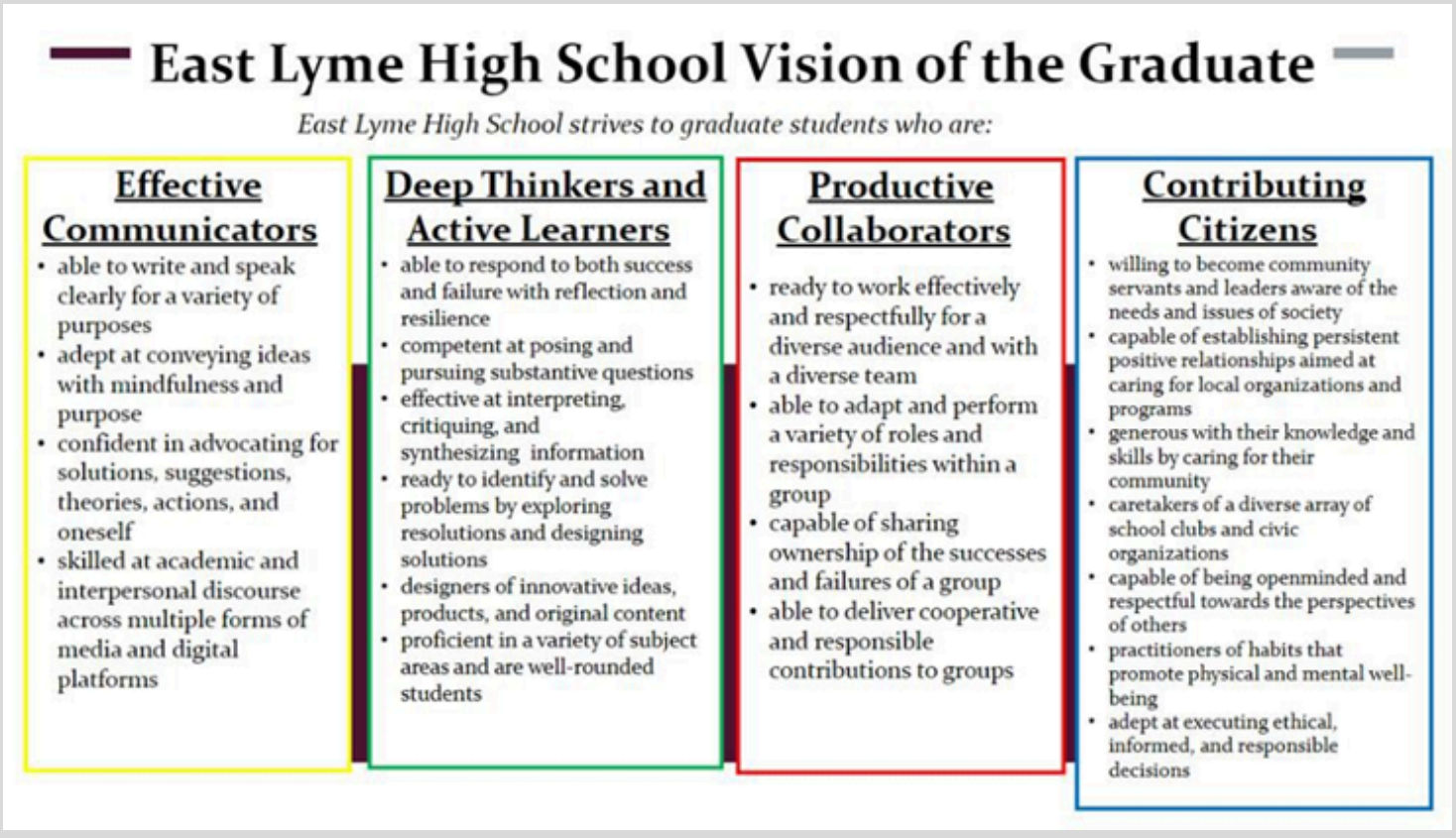
Transfer students from other school systems will receive full credit for required courses only if the completed work is comparable to East Lyme High School requirements. Credits for elective courses will be reviewed on an individual basis. No credit will be given for religion/theology courses.

Students who transfer into the school receive a weighted GPA after completing four semesters.



THE VIKING VOYAGE

East Lyme High School has chosen to design it's Viking Voyage program around our Vision of the Graduate competencies. These competencies reflect cross-curricular skills and knowledge that every graduate needs to be successful and live a healthy and productive life.



VIKING VOYAGE REQUIREMENTS

As a school community, we have embedded assessment of our Vision of the Graduate competencies into preexisting school assignments to capture student mastery of these critical skills without putting an additional burden of work on our students. Thus, throughout their high school career, students are guaranteed to participate in these experiences through their classes, allowing them to demonstrate mastery within their core academic and elective coursework.

Over four years at ELHS, students must upload two artifacts each semester demonstrating progress towards mastery of the Vision of the Graduate (VOG) competencies. These artifacts will be uploaded by students with guidance from their Advisory teachers. By the beginning of the second semester of their senior year, they will have uploaded fourteen artifacts. In addition, during the second semester of their senior year, students will complete a reflection detailing how these fourteen artifacts demonstrate mastery of the Vison of the Graduate competencies. Upon completing this reflection, students will earn their Viking Voyage credit and fulfill this graduation requirement. Progress toward completion of the Viking Voyage program will be reported out to student families on bi-annual semester grade reports.

Grade Level	Semester 1 Requirements	Semester 2 Requirements	Credits
9th Grade	2 artifacts	2 artifacts	¼
10th Grade	2 artifacts	2 artifacts	¼
11th Grade	2 artifacts	2 artifacts	¼
12th Grade	2 artifacts	Viking Voyage Final Reflection	¼
Total Artifacts – 14 artifacts (one in each quadrant) **Total Credits** = 1 Credit			

REPORT CARDS AND MARKING SYSTEM

The school year is divided into four quarters for the purpose of issuing grades. Report cards are prepared shortly after the closesure of each marking period. Report cards are available on Infinite Campus. Hard copy report cards are available from the Registrar by request. The grade for each quarter is determined independently of the preceding quarter, but the midyear and final averages are cumulative once the course has been completed. Additional reports may be issued at any time during a quarter. Grades for Honor Roll are based on the unweighted GPA.

Full Year Class	Q1	Q2	Midterm	Semester 1	Q3	Q4	Final Exam	Semester 2	Final Grade
1 credit	20%	20%	10%	50%	20%	20%	10%	50%	100%

Half Year Class	Q1	Q2	Final Exam	Final Grade
.5 credit	40%	40%	20%	100%



GPA CHART

Unweighted GPA			Weighted GPA				
			AP/ECE (x1.15)	Honors (x1.1)	Advanced College Prep (x1.05)	College Prep (x1.0)	Pass - credit/no grade
A+	97-100	4.33	4.98	4.76	4.55	4.33	Incomplete - no credit/no grade
A	93-96	4.0	4.6	4.4	4.2	4.0	AUDIT - no credit/no grade
A-	90-92	3.67	4.22	4.04	3.85	3.67	
B+	87-89	3.33	3.83	3.66	3.50	3.33	
B	83-86	3.00	3.45	3.30	3.15	3.00	
B-	80-82	2.67	3.07	2.94	2.80	2.67	
C+	77-79	2.33	2.68	2.56	2.45	2.33	
C	73-76	2.00	2.30	2.20	2.10	2.00	
C-	70-72	1.67	1.92	1.84	1.75	1.67	
D+	67-69	1.33	1.53	1.46	1.40	1.33	
D	63-66	1.0	1.15	1.1	1.05	1.0	
D-	60-62	0.67	0.77	0.74	0.70	0.67	
F	Below 60	0.0	0.0	0.0	0.0	0.0	
WF		0.0	0.0	0.0	0.0	0.0	

HONOR ROLL

The Honor Roll is computed at the end of each quarter based on quarter grades in all subjects. High honors require a 3.75 average consisting of As and Bs only. Honors require a 3.0 average with no Ds or Fs.



PROMOTION REQUIREMENTS

Promotion is based on the cumulative total of credits earned as follows:

To Grade10	To Grade 11	To Grade 12
6.5	12.0	18.5

SPECIAL EDUCATION

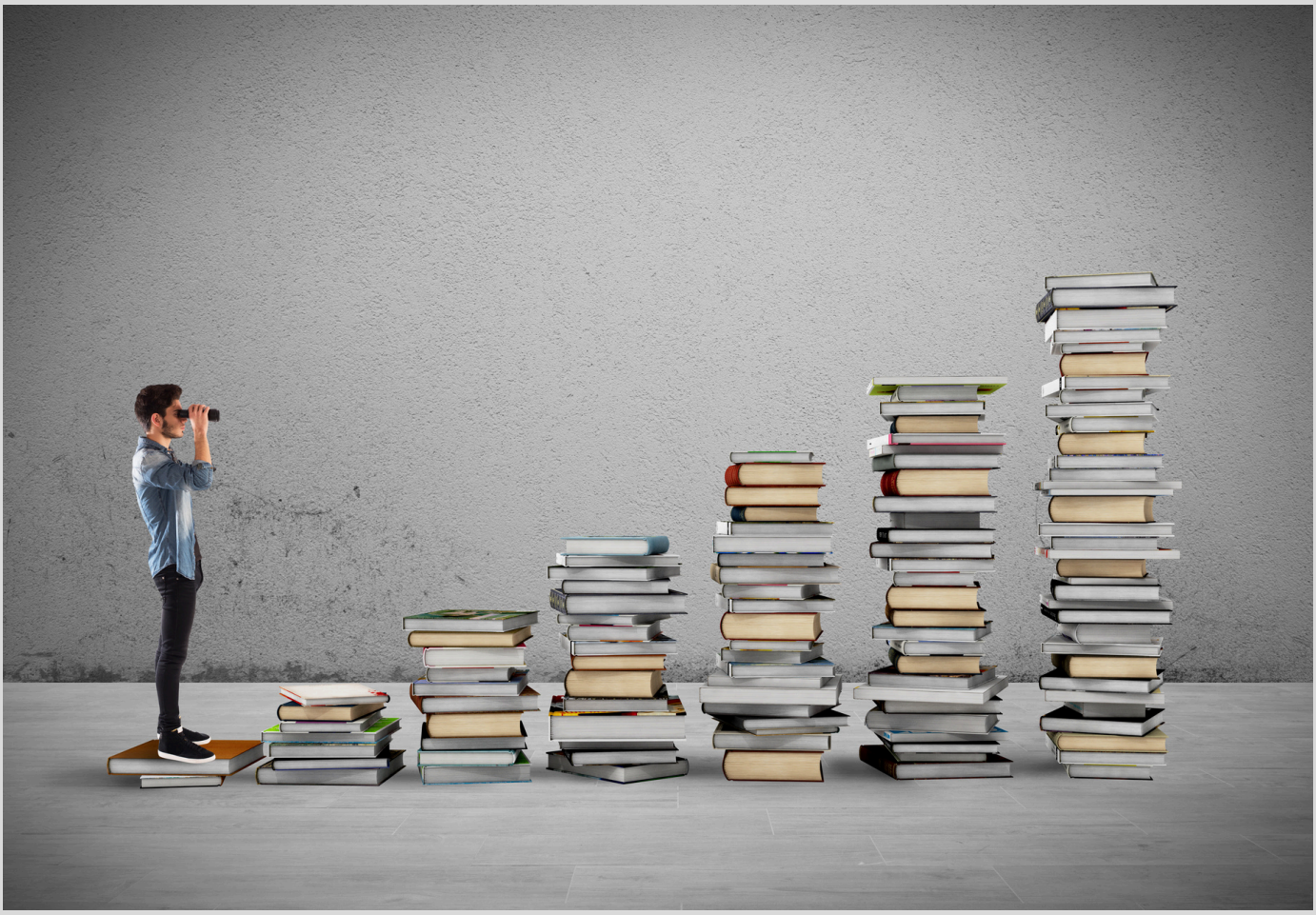
Special Education programs support those students identified through the Planning and Placement Team (PPT) process as having a disability defined by the Individuals with Disabilities Education Act (IDEA). Special Education programs help students access the regular education curriculum while supporting each student's individual needs as identified in the student's Individual Education Plan (IEP). Students receiving special education services are determined to be eligible for services until exit criteria is met or as determined by the PPT process. Special Education programs at East Lyme High School assist students in recognizing their unique individual abilities and learning styles, encourage each student to become independent life-long learners, and assists each student's transition from East Lyme High School to higher education and/or career opportunities.

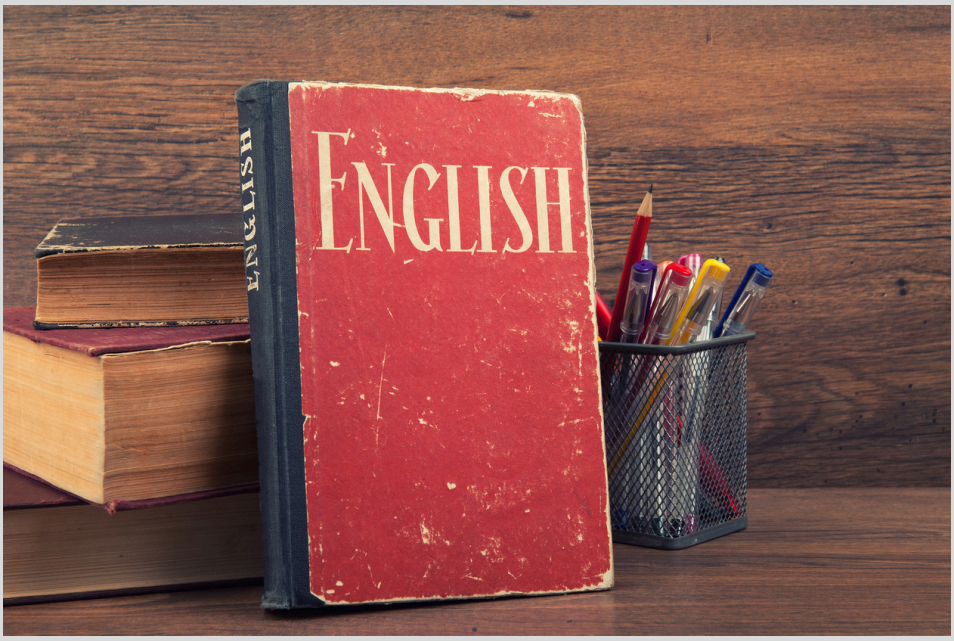
Skill Building/Specialty Programs, Credits by arrangement

Resource room and specialty programs are available to students identified as having special needs. Course content and credit are determined by the needs of the student. Skill building and specialty program courses help prepare students for success in high school and for post-secondary education and/or employment. Students may obtain information about special education programs, eligibility, or the referral process from their school counselor.



COURSE OFFERINGS





HUMANITIES





ENGLISH

Students are required to earn 1 credit of English each year for a total of 4 credits.

Grade 9 - One of the following courses is REQUIRED:

English 9 Adv CCP or English 9 CCP

In addition to the required course, freshmen may take the following electives:

- Advanced Literacy
- Creative Writing I
- Creative Writing II /ECSU ECE ENG 201 (Creative Writing for Non-Majors)
  (prerequisite: successful completion of Creative Writing I)
- Journalism I (first semester only)
- Journalism II (prerequisite: successful completion of Journalism I)

Grade 10 - One of the following courses is REQUIRED:

English 10 Honors, English 10 Adv CCP or English 10 CCP

In addition to the required course, sophomores may take any of the following electives after meeting the prerequisite:

- Advanced Literacy
- AP Seminar
- Creative Writing I
- Creative Writing II /ECSU ECE ENG 201 (Creative Writing for Non-Majors)
  (prerequisite: successful completion of Creative Writing I)
- Journalism I (first semester only)
- Journalism II (prerequisite: successful completion of Journalism I)
- Principles of Public Speaking/UCONN ECE COMM 1100

Grade 11 – One of the following courses is REQUIRED:

AP English 11, English 11H/ECSU ECE ENG 125, English 11 Adv CCP or English 11 CCP

In addition to the required course, juniors may take any of the following electives after meeting the prerequisite:

Advanced Literacy
AP Seminar
Creative Writing I
Creative Writing II /ECSU ECE ENG 201 (Creative Writing for Non-Majors) (prerequisite: successful completion of Creative Writing I)
Digital Journalism III Honors (prerequisite: successful completion of Journalism I and II)
Film Studies I
Film Studies II (prerequisite: successful completion of Film Studies I)
Journalism I (first semester only)
Journalism II (prerequisite: successful completion of Journalism I)
Principles of Public Speaking/UCONN ECE COMM 1100
Print Journalism III Honors (prerequisite: successful completion of Journalism I and II)

Grade 12 – One of the following courses is REQUIRED:

AP English 12, English 12/UCONN ECE ENGL 1007 (Seminar & Studio in Academic Writing & Multimodal Composition) , English 12/UCONN ECE ENGL 1004 (Introduction to Academic Writing), English 12 Adv CCP or English 12 CCP

In addition to the required course, seniors may take any of the following electives after meeting the prerequisite:

Advanced Literacy
Creative Writing I
Creative Writing II /ECSU ECE ENG 201 (Creative Writing for Non-Majors) (prerequisite: successful completion of Creative Writing I)
Digital Journalism III Honors (prerequisite: successful completion of Journalism I and II)
Digital Journalism IV Honors (prerequisite: successful completion of Digital Journalism III Honors)
Film Studies I
Film Studies II (prerequisite: successful completion of Film Studies I)
Journalism I (first semester only)
Journalism II (prerequisite: successful completion of Journalism I)
Principles of Public Speaking/UCONN ECE COMM 1100
Print Journalism III Honors (prerequisite: successful completion of Journalism I and II)
Print Journalism IV Honors (prerequisite: successful completion of Print Journalism III Honors)
Senior Academy

English 9 Adv CCP (0001) or 9 CCP (0002) Credit 1.0
This course develops students' critical reading, writing, presenting, and research skills. Core texts create a common literary experience. Through these texts, students will explore the essential questions: How do our choices shape who we become? What are the consequences of our choices? Students write for a variety of purposes and audiences.

English 10 Honors (0004) Credit 1.0
This course develops students' critical reading, writing, presenting, and research skills. As students engage with a range of literature, they learn how to make and support original interpretations. In addition to literary analyses, students craft a variety of other written pieces and projects that emphasize sophisticated analysis and evaluation. Culminating assignments include timed analytical essays, presentations, formal discussions, and essays taken through the writing process.
The transition to the honors level requires readiness for increases in the amount of reading and writing and the degree of independence.

English 10 Adv CCP (0005) or 10 CCP (0006) Credit 1.0
This course develops students' critical reading, analytical writing, and civil discourse skills. Students create original interpretations, support those insights with textual evidence, and refine language skills while composing literary analyses and conducting research. Core texts create a common literary experience. Through these texts, students will explore essential questions focused on identity.

AP English 11 (0009) Credit 1.0
The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. Students will engage in the close reading and critical analysis of poetry, novels, and plays from various cultures and time periods to deepen their understanding of the ways writers use language to provide both meaning and pleasure. Writing assignments include analytical and argumentative essays that require students to analyze and interpret literary works.
Students are expected to do considerable reading.
Students are required to take the AP exam in May in place of a final exam.
AP test fee paid by students.

English 11H/ECSU ECE ENG 125 (Early College Experience) (0051) Credit 1.0
(Introduction to Literature)
This dual enrollment course introduces literature while critically examining the complex power dynamics in society through the overarching essential question: What power do you have in the world, and how do you use it? Students will explore classic and contemporary texts, analyzing how power shapes human experience, relationships, and ethical decisions. Through close reading, discussions, and writing, students will investigate big ideas related to power, including authority, manipulation, resistance, and justice. By the end of the course, students will have developed a deeper understanding of both literary analysis and ethical theory, gaining insight into how power influences individuals and communities in the real world. To support this study, students will read texts from all of the major literary genres: poetry, drama, fiction, and creative non-fiction. This course enhances students' communication skills, language choices, and rhetorical style as they write, present, and analyze. Significant reading and writing are requirements for success in this class.
Upon successful completion of this course with a C or better, students will receive three English credits from Eastern Connecticut State University.
Application fee is required for ECSU credit.

English 11 Adv CCP (0011) or 11 CCP (0012) Credit 1.0
This course enhances students' communication skills, language choices, and the rhetoric of style as they write, present, and analyze. Through the examination of core texts, students consider the diversity of values and their own place in a global society. Students will explore the overarching essential question: What power do you have in the world and how do you use it?

AP English 12 (0014) Credit 1.0

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing course, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts in addition to timed, in-class essays. Students evaluate, synthesize, and cite research to support their arguments. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

English 12/UCONN ECE ENGL 1004 (Early College Experience) (0047) Credit 1.0
(Introduction to Academic Writing)

This course is designed to guide students in developing their writing practices and to introduce them to meaningful participation in critical conversations. The work of the class includes learning and improving strategies for taking stock of one's ideas; becoming aware of their own and others' rhetorical situations, and the way we respond to those situations; unpacking writers' critical assumptions; situating oneself in conversation with writers; developing critical approaches to issues, problems, and texts; forming new ideas rather than reporting on the ideas of others; and making new contributions. English 1004 will prepare students for the rigor of writing in college. This class is designed for students who need more individual help with skills such as reading, writing, and critical thinking. To this end, students will read different texts written by prominent writers and will be working on writing essays every week. Upon successful completion of this course with a C or better, students will receive four *elective* credits from the University of Connecticut.

Guidelines for acceptance into the course are set by UCONN. UCONN limits each section to 15 students. Application fee required for UCONN credit. A final examination is required upon completion of the course.

Prerequisite: Teacher and English CIL recommendation.

English 12/UCONN ECE ENGL 1007 (Early College Experience) (0015) Credit 1.0
(Seminar & Studio in Academic Writing & Multimodal Composition)

UConn's First-Year Writing course introduces students to the work of college writing, which includes posing questions, developing sustained intellectual projects, and generating knowledge that invites engagement with wide and varied audiences. Writing here is project-building—a practice of making something, composing— and the course reflects this attention to purposeful engagement and meaningful contribution. As a prerequisite to many University courses and all Writing Competency courses, First-Year Writing seminars foreground collaborative, student-driven inquiry developed in the context of a shared course investigation. Students work on projects in which they select and define places where they might advance the class conversation across various media. Upon completion of this course, students will receive four *English* credits from the University of Connecticut.

Guidelines for acceptance into the course are set by UCONN. UCONN limits each section to 20 students. Application fee required for UCONN credit. A final examination is required upon completion of the course.

Prerequisite: Teacher recommendation.

English 12 Adv CCP (0016) or 12 CCP (0017) Credit1.0

This course concentrates on language with attention to purpose and audience as students analyze the writing of others, present their own findings, and write to persuade. Readings explore the moral implications of human behaviors as students begin to answer the overarching essential question: How do our decisions impact our world?

ENGLISH ELECTIVES

Advanced Literacy (0031) Credit .5
This course concentrates on research-based strategies for word study, fluency, comprehension, and written expression. Students will be exposed to a variety of increasingly complex texts to support the Common Core State Standards grade-level expectations. Selection of materials, pace, level of independence, and manner of presentation are adjusted to address student needs and learning styles. Targeted, differentiated lessons will be provided to address the specific weaknesses of each cohort.
Prerequisite: Recommendation of HS Literacy Specialist and English CIL. Grades 9, 10, 11, & 12

AP Seminar (0046) Credit 1.0
AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts, listening to and viewing speeches, broadcasts, and personal accounts, and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in 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.
AP Seminar is the prerequisite for AP Research, both of which are required for the AP Capstone designation.
Students are required to take the AP exam in May in place of a final exam.
AP test fee paid by students.
Grades 10 &11

Creative Writing I (0022) Credit .5
This course is an open workshop in creative writing for those students who wish to explore writing as an art. The course features daily writing exercises, student presentations of original work, peer critiques, small group and class discussions, cooperative games, and small group workshops. Students design and evaluate their own written work, and self-evaluation plays a key role in their final assessment for each piece. Reflection is a significant part of the course. Students execute written pieces that will pursue their own interests and talents as well as celebrate their own creativity.
Grades 9, 10, 11, & 12

Creative Writing II /ECSU ECE ENG 201 (Early College Experience) (0023) Credit .5
(Creative Writing for Non-Majors)
This course is for students who have taken Creative Writing I and want to continue to develop as writers. This class will be run as a workshop in which students will give and get feedback on original creative work. Each student will produce a portfolio of polished creative work by the end of the course. Students will also serve as editors for East Lyme High School's literary magazine, The Omnibus.
Upon successful completion of this course with a C or better, students will receive three elective credits from Eastern Connecticut State University.
Application fee required for ECSU credit.
Prerequisite: Successful completion of Creative Writing I.
Grades 9, 10, 11, & 12
Note: Creative Writing II will only be offered in alternating academic years ending in odd numbers

Digital Journalism III/IV Honors (0038)/(0039) Credit 1.0
Digital Journalism III and IV are full-year courses where students work as a team to create, update, and maintain the student newspaper website. The digital class provides student leadership opportunities and emphasizes a similar process to the Print Journalism class, however, for an online medium. The product is the online version of student news, vikingsaga.org, with an emphasis on blogging, photography, and social media.
Grades 10, 11, & 12.

Film Studies I (0032) Credit .5
This course is an introduction to the study of film and filmmaking. Students will learn to "read" a film by applying the language of filmmaking, while analyzing (through writing and presenting) the films viewed. Students will also examine the craft of influential directors and actors. This is an opportunity to research, view, discuss, present, and respond to a variety of films.
Grades 11 & 12. Grade 12 students are given priority. No level.

Film Studies II (0033) Credit .5
This course is the continued study of film and filmmaking while students explore additional genres of film, with an emphasis on filmmaker's intent and purpose. Students will continue to analyze and critique the content and meaning of films as well as the cinematic and photographic effects they employ, but in a detailed and in-depth manner. They will have the opportunity to research, view, discuss, and write about a variety of films.
Prerequisite: Successful completion of Film Studies I.
Grades 11 & 12: Grade 12 students are given priority; no level.

Journalism I (0024) Credit .5
All Journalism classes are student-driven, workshop-based opportunities for students to work as a team to create, design and publish the student newspaper, The Viking Saga. Once students have effectively learned skills specific to writing for the News, Features, Sports and Entertainment sections, freedom is granted to write for the section of their interest. Students taking this course must possess curiosity, responsibility, and a strong work ethic. Journalism students will practice and develop skills of interviewing, investigating, and reporting in a "real world" environment that emphasizes creative problem solving and meeting deadlines.
Journalism I is offered in the fall semester.
Grades 9, 10, 11, & 12

Journalism II (0025) Credit .5
All Journalism classes are student-driven, workshop- based opportunities for students to work as a team to create, design and publish the student newspaper, The Viking Saga. Once students have effectively learned skills specific to writing for the News, Features, Sports and Entertainment sections, freedom is granted to write for the section of their interest. Students taking this course must possess curiosity, responsibility, and a strong work ethic. Journalism students will practice and develop the skill of interviewing, investigating, and reporting in a "real world" environment that emphasizes creative problem solving and meeting deadlines.
Journalism I is offered in the fall semester.
Journalism IIH is offered in the spring semester to all students who have successfully completed Journalism I.
Grades 9, 10, 11, & 12

Principles of Public Speaking/UCONN ECE COMM 1100 (Early College Experience) (0030) Credit .5
Principles of Public Speaking (COMM 1100) focuses on interpersonal communication, emphasizing the speaker and their speech but also the listener and their feedback. Theory and performance in public speaking: methods for organizing presentation and delivery skills, overcoming anxiety of speaking in public; audience analysis; maximizing message impact; professional presentation skills; evidence; listening and speech evaluation are all essential aspects of the class. The class is activity-oriented and highly participatory to expand students' speech skills for future application in college, career, and beyond.
A final examination is required upon completion of the course.
Application fee required for UConn credit.
Grades 10, 11, & 12

Print Journalism III Honors (0026) Credit 1.0
Print Journalism III and IV Honors are full-year courses where students work as a team of advanced writers and editorial staff to create the print version of the student newspaper. The team is led by experienced student editors-in-chief, and they work together to create the student newspaper, The Viking Saga. The process includes determining the stories that will be assigned, written, and printed; designing the layout for each section; editing and revising content; and publishing the print version. Students work with the instructor as a team in all phases of editorial and staff for decision making.
Prerequisite: Successful completion of Journalism I and II.

Print Journalism IV Honors (0027) Credit 1.0
Print Journalism III and IV Honors are full-year courses where students work as a team of advanced writers and editorial staff to create the print version of the student newspaper. The team is led by experienced student editors-in-chief, and they work together to create the student newspaper, The Viking Saga. The process includes determining the stories that will be assigned, written, and printed; designing the layout for each section; editing and revising content; and publishing the print version. Students work with the instructor as a team in all phases of editorial and staff for decision making.
Prerequisite: Successful completion of Print Journalism III Honors.

Senior Academy (0844) Credit .5
This seminar class is to prepare seniors for the transition to life beyond high school. The course will cover various topics to support a successful adjustment from high school to the working world and/or military, including career exploration and planning, business communication (cover letters, thank-you notes, emails), resume writing, interview skills, decision making, conflict resolution, and stress reduction.
Grade 12 only



SOCIAL STUDIES

Students are required to earn 3.5 credits in Social Studies to fulfill the graduation requirement.

Grade 9 - One of the following courses is REQUIRED:

Ancient World or Modern World

Grade 10 - The following course is REQUIRED:

American History I (1865-1945)

Grade 11 - One of the following courses is REQUIRED:

American History II (1945-Present)(.5 credit)
or AP United States History*

One of the following courses is REQUIRED to fulfill a .5 Civics Social Studies graduation requirement:

American Civics (.5 credit) - this course is open to juniors and seniors and can be taken either year, however, it is strongly recommended that the course be taken during junior year.

AP United States Government and Politics* – this course is only open to seniors.

All students are REQUIRED to take a .5 credit Social Studies elective of their choice to fulfill a graduation requirement.

* Successful completion of either AP United States History or AP United States Government and Politics fulfills both the corresponding .5 credit Social Studies content requirement and the .5 credit Social Studies elective requirement.

In addition to the required courses, juniors and seniors may take any of the following electives after meeting the prerequisite. Applicable grades are listed.

African American/Black and Puerto Rican/Latino Studies Adv CCP (11 & 12)	AP United States Government and Politics (11 & 12)	Human Rights (11 & 12)
Anthropology Adv CCP (12)	AP World History (12)	Issues of the Day (11 & 12)
AP Psychology (11 &12)	Economics Adv CCP (11 & 12)	Psychology Adv CCP (11 & 12)
AP Research (11 & 12)	Geography (11 & 12)	Sociology Adv CCP/CCP (11 & 12)

Ancient World - Adv CCP (0709) or CCP (0710) Credit 1.0

This course is an overview of the political, economic, social, religious, and artistic developments of ancient civilizations and their contributions to the modern world. Topics of study include but are not limited to: Ancient Egypt, Greece, and Rome, Medieval Europe, the Renaissance, and the Age of the Enlightenment. The focus is to provide students with an understanding of historic continuity/change, global relationships, and the importance of point of view when evaluating history and culture. As students explore the larger concepts and themes of world history, they will begin to develop and apply the intellectual skills of Social Studies including critical reading, argumentative and informational writing, and research and document analysis. Students will participate in experiential learning that motivates them to become informed, active, and responsible citizens.

Selected materials, pace, level of independence, and manner of presentation differ according to level.

Modern World - Adv CCP (0712) or CCP (0713) Credit 1.0

This course will provide students with an exploration of global history from the early 19th century to the modern era. A critical study of history throughout the world is stressed through a conceptual examination of such themes as politics and government, religion, social structures, and economic motives. The curriculum is based on key essential questions which require students to think critically, analyze, and synthesize information, and make connections across regions and time periods while investigating issues from multiple perspectives. As students explore the larger concepts and themes of modern world history, they will continue to develop and apply the intellectual skills of social studies including critical reading, argumentative and informational writing, and research and document analysis. Students will participate in experiential learning that motivates them to become informed, active, and responsible citizens. Selected materials, pace, level of independence and manner of presentation differ according to level.

American History I (1865-1945) - Adv CCP (0760) or CCP (0761) Credit 1.0

This course is a survey of American history that focuses on the challenges the young country faced in the second half of the nineteenth century, and its increased role in the first half of the twentieth century as a multicultural, industrial, and global power. The course will focus on the study of political, cultural, economic, and social developments. As students explore the larger concepts and themes of American history, they will continue to develop and apply the intellectual skills of Social Studies including critical reading, argumentative and informational writing, and research and document analysis. Students will participate in experiential learning that motivates them to become informed, active, and responsible citizens. Selected materials, pace, level of independence, and manner of presentation differ according to level.

American History II (1945-Present) - Adv CCP (0763) or CCP (0764) Credit .5

This half-year course will provide students with an understanding and awareness of the America that they were born into and will inherit. The course will focus on American and global history since World War II through the study of political, cultural, economic, and social developments. As students explore the larger concepts and themes of American history, they will continue to develop and apply the intellectual skills of social studies including critical reading, argumentative and informational writing, and research and document analysis. Students will participate in experiential learning that motivates them to become informed, active, and responsible citizens. Selected materials, pace, level of independence, and manner of presentation differ according to level.

AP United States History (0724) Credit 1.0

This course, offering an enriched, rigorous curriculum, is designed as an in-depth study of American history to prepare students to take the AP examination in May. The course offers the academically talented student the experience of learning history at the college level. Students who take the course will investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods employed by historians when they study the past. Chronologically organized, the course covers the social, political, economic, and cultural history of the United States.

Students enrolled in this course will fulfill their junior year .5 credit in the U.S. History requirement and receive a .5 Social Studies elective credit.

Students are required to take the AP exam in May in place of a final exam. AP test fee paid by students.

Prerequisite: Juniors only with teacher recommendation.

American Civics - Adv CCP (0700) or CCP (0701) Credit .5

This State of Connecticut required course provides students with historical and contemporary knowledge of the United States Constitution and how the values of liberty and equality impact national, state, local and individual decisions. Emphasis will be placed on the development of national, state, and local government systems, and upon the rights, duties, and responsibilities of citizens to effect and contribute to the well-being of their community, state, and nation. As students explore the larger concepts and themes of American Civics, they will continue to develop and apply the intellectual skills of social studies including critical reading, argumentative and informational writing, and research and document analysis. Students will participate in experiential learning that motivates them to become informed, active, and responsible citizens. Selected materials, pace, level of independence, and manner of presentation differ according to level.

AP United States Government and Politics (0725) Credit 1.0

AP American Government is a full year course. The first semester acquaints students with political institutions, processes and ideologies and examines how federalism has developed over time in the U.S.. Students will learn about early influences on government, the Constitution, the executive, legislative and judicial branches, the balance of power between the federal government and the states, and the court cases that have helped define our interpretation of civil rights and civil liberties. The second semester concentrates on how citizens interact with their government. Students will learn about the American electoral system and how it compares to other countries, different forms of political socialization and participation, and the impact of media and public input on the American government. The content of the course is aligned to prepare students for the AP test in May.

Students enrolled in this course will fulfill their state mandated .5 credit graduation requirement in Civics and receive a .5 Social Studies elective credit.

Students are required to take the AP exam in May in place of a final exam. AP test fee paid by students.

Prerequisite: This course is for seniors and instructor approved juniors.



SOCIAL STUDIES ELECTIVES

African American/Black and Puerto Rican/Latino Studies Adv CCP (0770) Credit 1.0
This project-based course is an opportunity for students to explore accomplishments, struggles, intersections, perspectives, and collaborations of African American/Black and Puerto Rican/Latino people in the U.S.. Students will examine how historical movements, legislation, and wars affected the citizenship rights of these groups and how they, both separately and together, worked to build U.S. cultural and economic wealth and create more just societies in local, national, and international contexts. Coursework will provide students with tools to identify historic and contemporary tensions around race and difference; map economic and racial disparities over time; strengthen their own identity development; and address bias in their communities.
Prerequisite: The course is intended for seniors and juniors who have completed at least 1 year of U.S. History or Modern World History.

Anthropology Adv CCP (0718) Credit .5
This course examines man, both as a creature of nature and as a creature of culture. It attempts to see man across time and space in an objective manner, utilizing a scientific approach in its investigation. Independent study and research are an important part of the course, as is the six-week off-campus field study.
Seniors only. Students must provide their own transportation to the off-campus field study site.

AP Psychology (0715) Credit 1.0
Why do people think and act the way they do? This full year course is a college level class that emphasizes the nature of mental processes and behavior. It explores the enduring issues of Psychology and focuses on such topics as the biological basis of behavior, motivation and emotion, human development, personality, memory, and learning. Contemporary controversial issues are explored within various topics. Research methods and ethics are examined and employed as students formulate positions and support those opinions with factual documentation. Extensive reading is required. Students enrolled in this academically rigorous course are expected to take the AP examination in May.
Students are required to take the AP exam in May in place of a final exam.
AP test fee paid by students.
Prerequisite: Teacher recommendation required for seniors and instructor approved juniors.

AP Research (0048) Credit 1.0
AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. May be taught by either an English or Social Studies teacher.
Students are required to take the AP exam in May in place of a final exam.
AP test fee paid by students.
Prerequisite: Successful completion of AP Seminar and all its required assessment components. Grades 11 & 12

AP World History (0726) Credit 1.0

AP World History is a course designed to offer academically motivated students an opportunity to study history at the college level. This course allows students to analyze human history from a global perspective; areas of focus include Africa, the Americas, Asia, and Europe from ca. 1000 CE to the present. Major themes include social and gender issues, technological and intellectual developments, political identity, group interaction, and the concepts of change/continuity. In-class and out-of-class assignments will include primary and secondary source readings, writing, analytical and critical thinking, and class discussions. The academically rigorous curriculum is also designed to prepare students to take the AP exam in May.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

Prerequisite: Seniors only; Successful completion of junior year Social Studies coursework is required.

Economics Adv CCP (0719) Credit .5

This course is an overview of both micro- and macro- economics. The course will include an analysis of how the individual interacts with the economy as well as how governments set economic policy. While several major economic systems will be examined, particular emphasis is placed on the economy of the U.S. and its place in the global economy. As students explore economic concepts and themes, they will participate in experiential learning while they continue to develop and apply the critical reading, research and document analysis skills already introduced in early social studies courses. The course will help prepare students to interact with the U.S. economy as adults and understand the complex economic issues that they will face as future voters.

Prerequisite: The course is intended for seniors and juniors.

Geography (0755) Credit .5

This one-semester elective course introduces students to the major themes, tools, and inquiries of geography. Students will be introduced to both the physical world, and the way human societies have settled and historically utilized it. Emphasis will be placed on physical geography, human geography, world regions, climate regions, and the use of natural resources on a local and global scale. Students will analyze a variety of print and digital maps (satellite and GIS) to help further their understanding of geographic space and place. Students will also investigate topics such as earth systems, climate patterns, population and migration, urban and rural development, and global trade and interconnectedness. Case studies from diverse regions will help students to understand how geographic factors influence history, human decision making and the use of natural resources.

Prerequisite: This course is intended for seniors and juniors.

Human Rights (0720) Credit .5

In this project-based course, students explore the economic, social, political, and geographical conditions that affect the rights of individuals around the world as defined by the United Nations Declaration of Human Rights. The course focuses on human rights issues of the twentieth and twenty first centuries including topics such as the origins of human rights, genocide, global poverty, gender inequalities, child labor, religious persecution, economic inequalities, and other relative global issues. The course is designed to help students understand, explain, and investigate human rights issues by engaging in Socratic circles, conducting inquiry-based projects, participating in simulations, and conversing with guest speakers.

Prerequisite: This course is reserved for seniors and instructor approved juniors.

Issues of the Day (0727) Credit .5

This elective course open to senior and junior students examines current concerns such as privacy, individual responsibility, justice, and liberty, the role of government and authority, and current topics at the local, national, and international level. The focus of the program will be civic responsibility and participation.

Psychology Adv CCP (0716) Credit .5

Why do people think and act the way they do? This introductory A-level Psychology class will focus on the basic concepts and methods of Psychology. The primary emphasis of this introductory class will be to demonstrate how Psychology impacts human behavior and how the principles are seen in everyday life. This class will acclimate the student with a college level discipline at the high school level. Some of the major topics that will be covered will be the growth of Psychology and careers available in the fields of Psychology, the biological basis of Psychology, memory, learning principles and states of consciousness.

Prerequisite: Seniors and instructor approved juniors and second-semester Sophomores.

Sociology - Adv CCP (0717) or CCP (0732) Credit .5

Sociology is a one-semester course in which the students develop a broad understanding of both familiar and foreign societies and investigate the varied circumstances surrounding several social problems. The course describes and attempts to explain the behavior of individuals in groups within the structure of society and culture. It involves the study of such topics as ethnicity, identity, culture, socialization, and social institutions such as the family. Students will become more astute observers of their society and of themselves. They will develop an appreciation of the scientific nature of sociology and become thoughtful about their lives, choices, and actions. Selected materials, pace, level of independence, and manner of presentation differ according to level.

Prerequisite: Seniors and instructor approved juniors and second semester sophomores.



FINE ARTS

MUSIC/PERFORMING ARTS

Band I (0254) Credit 1.0
This band is open to all students. The band will meet all year and will be comprised of students with previous experience of playing a wind instrument. Participation carries with it the responsibility of attendance at a few rehearsals and performances outside of the school day.

Band I Honors (0253) Credit 1.0
Students enrolled in the honors level will rehearse/perform in the same ensemble as the other Concert Band students, with added responsibilities. These could include festival auditions and participation in other ensembles/music courses. See instructor for details.

Band II (0251) Credit1.0
This band is open to all students who wish to perform and compete on an advanced level outside of the school day. The band will meet all year and will be comprised of students with previous experience of playing a wind instrument. The first semester will be devoted to marching band while the second semester will be devoted to indoor symphonic band. Participation carries the responsibility of attendance at rehearsals and performances outside of the school day. There is mandatory Band Camp 1 week prior to the start of school.

Band II Honors (0250) Credit 1.0
Students enrolled in the honors level will rehearse/perform in the same ensemble as the other Marching/ Symphonic Band students, with added responsibilities. These could include festival auditions and participation in other ensembles/ music courses. See instructor for details.

Percussion (0249) Credit 1.0
This ensemble is open to all students. The band will meet all year and will be comprised of students with or without previous experience of playing a percussion instrument. Participation carries with it the responsibility of attending a few rehearsals and performances outside of the school day.

Percussion Honors (0275) Credit 1.0
Students enrolled in the honors level will rehearse/perform in the same ensemble as the other Percussion students, with added responsibilities. These could include festival auditions and participation in other ensembles/ music courses. See instructor for details.

Mixed Chorus (0260) Credit 1.0
This mixed voice (SATB) ensemble is open to everyone! No previous experience necessary. Students will learn music literacy, vocal technique, and ensemble skills through accessible choral literature from many different genres and cultures. Students are required to attend various rehearsals and performances outside of the school day.

Concert Choir (0264) Credit 1.0
In this premiere mixed voice (SATB) ensemble, students learn music literacy, vocal technique, and ensemble skills through challenging choral literature from many different genres and cultures. 9-12 grade students are typically chosen by auditioning the previous school year. Students are required to attend various rehearsals and performances outside of the school day.
Prerequisite: Audition/instructor approval. Students currently in grades 8-11 can audition for the following year.

Concert Choir Honors (0263) Credit1.0
Students enrolled in the honors level will rehearse/perform in the same ensemble as the other Concert Choir students, with added responsibilities. These could include festival auditions and participation in other ensembles/music courses. See instructor for details.

Treble Choir (0266) Credit 1.0
In this select treble (SSA) ensemble, students learn music literacy, vocal technique, and ensemble skills through moderately challenging choral literature from many different genres and cultures. 9-12 grade students are typically chosen by auditioning the previous school year. Students are required to attend various rehearsals and performances outside of the school day.
Prerequisite: Audition/instructor approval. Students currently in grades 8-11 can audition for the following year.

Treble Choir Honors (0265) Credit 1.0
Students enrolled in the honors level will rehearse/perform in the same ensemble as the other Treble Choir students, with added responsibilities. These could include festival auditions and participation in other ensembles/music courses. See instructor for details.

Orchestra (0280) Credit 1.0
This course is open to any student who has achieved reasonable proficiency on the violin, viola, cello, or bass. This ensemble joins the String Ensemble during evening rehearsals, concerts, school assemblies, and festivals.
Evening rehearsals and concerts are curricular and required for course credit.

String Ensemble Honors (0288) Credit 1.0
This course is open to string students in grades 10-12 by teacher approval. Students will focus on advanced string ensemble literature as well as advanced string technique. Students will be required to participate in a festival audition as well as perform the required audition piece for the class. String Ensemble members will join the ELHS Orchestra during evening rehearsals, concerts, school assemblies, and festivals. Evening rehearsals and concerts are curricular and required for course credit.
Prerequisite: Orchestra and/or previous experience.

Guitar I (0294) Credit .5
This semester course is designed to teach fundamental guitar skills in a classroom setting to students with little or no experience. Course topics will include music reading, tablature, chords, strumming techniques and melody playing.
Enrollment is limited to 15 students per semester for grades 9-12, with grades 10-12 having first choice.

Guitar II (0295) Credit.5
This semester course is designed to teach advanced guitar skills to students in a classroom setting. Course topics will include music reading, tablature, chords, strumming techniques, finger picking and melody playing.
Enrollment is limited to 15 students per semester for grades 9-12, with grades 10-12 having first choice.
Prerequisite: Guitar I.

Digital Piano I (0296) Credit .5
This semester course is designed to teach fundamental piano skills in a classroom setting to students with or without prior training. Students will learn music literacy and technique through a variety of piano literature.

Digital Piano II (0297) Credit .5
This semester course is designed to teach fundamental piano skills in a classroom setting to students with or without prior training. Students will learn music literacy and technique through a variety of piano literature.

Music Tech I (0292) Credit .5
Students will utilize an electronic piano keyboard and music software to sequence music and create basic compositions. This course will cover the basics of music technology in the midi computer lab. Students do not have to know how to read or write music to participate in this course.

Music Tech II (0293) Credit.5
Music Tech II will pick up where Music Tech I left off. This project- based course will introduce students to more techniques and software.
Prerequisite: Music Tech I

History of Rock and Pop (0286) Credit .5
This course is open to any grade 9-12 student who is interested in learning about American music of the 20th century. Students will study the development of rock n' roll by examining its musical roots and the artists who have influenced American music in this century. Class lectures, discussions, music listening, and documentaries will aid students in understanding the historical context and era in which music was composed. Students will be required to present oral as well as written projects throughout the semester.

Popular Music and Diversity in American Society/UCONN ECE MUSI 1003 (0276) Credit .5
An introduction to popular music and diversity in America: jazz, blues, Top 40 pop, rock, hip-hop, and other genres. Musicians and their music studied in the context of twentieth century and contemporary American society, emphasizing issues of race, gender, class, and resistance.
Guidelines for acceptance into the course are set by UCONN.
Students must maintain a C average to receive UCONN credit.
Application fee required for UCONN credit.

Music Theory Fundamentals (0270) Credit .5
This course is open to any student desiring to learn the basic language of music. No previous knowledge of music theory is required. The study of music fundamentals will include common music symbols, rhythm, key signatures, intervals, scales, chords, basic score reading, and ear training exercises to build a basic music vocabulary for composition.

AP Music Theory (0272) Credit 1.0

This course mirrors the music theory and ear training coursework of typical freshman music majors. In addition to advanced music theory concepts, the course focuses heavily on music literacy. Students learn to read and write melody and harmony with great fluency.

Students are required to take the AP exam in May in place of a final exam.
AP exam involves sight singing, dictation and free response questions.
AP test fee paid by students.

Theater Appreciation I (0298) Credit .5

Theater Appreciation focuses on theater history, acting, costume design, and script writing. Students will engage with live performances and video archives of past performances. The workshop technique will be used as students practice scene work, acting, and writing. Participation is essential, so we will also work on team building and confidence-building skills. Our goal is to create a classroom that is both fun and meaningful—an environment where students can learn about theater and have fun while doing so!

Grades 9, 10, 11, & 12





VISUAL ARTS

2D Art I (0235) Credit .5
2D Art I offers basic knowledge of drawing, painting, and design. Projects explore various materials such as pencil, charcoal/pastel, paint, paper, ink, and collage. This course is recommended for students who are looking for an introductory art course and for students who wish to learn art skills that provide a foundation for other visual arts course offerings.
Grades 9-12

2D Art II (0236) Credit .5
2D Art II builds on the fundamentals taught in 2D Art I and offers more advanced applications of drawing, painting, and design. Students will explore a variety of subject matters with an emphasis on imagination and creativity.
Prerequisite: Successful completion of 2D Art I (C or higher) and consent of instructor.
Grades 10-12 only.

3D Art I (0237) Credit .5
3D Art I offers basic knowledge of three-dimensional art design and sculpture. Projects explore various materials such as clay, wire, plaster, stone, metal, found objects, cardboard, and paper. This course is recommended for students who are looking for an introductory art course and for students who wish to learn art skills that provide a foundation for other visual arts course offerings.
Grades 9-12.

3D Art II (0238) Credit .5
3D Art II builds on the fundamentals taught in 3D Art I and offers more advanced applications of three-dimensional art design and sculpture. Students will explore a variety of subject matter with an emphasis on imagination and creativity.
Prerequisite: Successful completion of 3D Art I or Ceramics I (C or higher) and consent of instructor.
Grades 10-12 only.

Ceramics I (0202) Credit .5
Ceramics I covers hand-building techniques of clay construction including pinch, coil, and slab methods, and various surface designs with textures and glazes. Students will create functional and decorative projects as well as clay sculpture.
No prerequisites but 2D Art I or Crafts is strongly recommended.
Grades 10-12 only.

Ceramics II (0203) Credit .5
Ceramics II is an advanced course that explores ceramics in depth, emphasizing techniques in wheel throwing and hand building.
Prerequisite: Successful completion of Ceramics I (C or higher) and consent of instructor.
Grades 10-12 only.

Crafts I (0206) Credit .5
Crafts I explores creativity, design, and craftsmanship with an emphasis on 3D art making. Students will use a variety of materials to make original crafts. Focus will be on problem solving, producing the ability to plan and execute a design through the development of researching, and sketching, to improve & perfect craftsmanship.
Grades 9-12

Crafts II (0205)Credit .5

Crafts II is an advanced course that explores Crafts in depth. Students will create projects using various materials such as glass, fabric, paper and found objects/materials. Focus will be on problem solving, producing the ability to plan and execute a design through the development of researching, and sketching, to improve & perfect craftsmanship on an advanced level.

Prerequisites: Crafts I or Ceramics II and consent of instructor.

Illustration I (0245) Credit.5

Illustration I is an introduction to the field of illustration through a series of projects that focus on increasing understanding of visual language and storytelling through drawing & painting. The main areas of illustration that will be explored are editorial, advertising and book illustration.

Prerequisite: 2D Art I and preferably 2D Art II, consent of instructor.

Grades 10-12 only.

Jewelry & Metals I (0241) Credit .5

Jewelry & Metals I explores metalsmithing, knowledge of contemporary jewelry design, and jewelry fabrication techniques. Students create several finished wearable pieces.

Grades 10-12 only.

Jewelry & Metals II (0242) Credit .5

Jewelry & Metals II builds on the fundamentals taught in Jewelry & Metals I and offers more advanced applications of contemporary jewelry design and jewelry fabrication techniques.

Prerequisite: Successful completion of Jewelry & Metals I (C or higher) and consent of instructor.

Grades 10-12 only.

Advanced Art & Portfolio Development (0239)/ (0240) Credit 1.0/.5(Formerly Studio Art Honors)

Advanced Art & Portfolio Development is for the more serious art student who wants to continue to create art for personal expression and gain further experience in a variety of techniques and materials. Students will continue to use design terms, prepare nature/skeletal studies, draw figures, portraits and landscapes, research artists, photograph artwork, create mixed media and sculpture projects based on famous artists. Students also have the opportunity to build an art portfolio for acceptance to an art college or university if they choose to.

Prerequisite: 2D Art I and II, and one of the following: Ceramics I or Illustration I. Consent of instructor.

Grades 11 and 12 only.

AP Studio Art (0218) Credit 1.0

In AP Studio Art, students who are serious about their art will build a portfolio to submit for the AP Studio Art Exam in May. Students will create various projects using a range of materials, techniques, and subject matter as they follow guidelines to complete their Investigation & Quality sections as part of the AP Exam. Students will create and photograph their work for submission to the College Board for consideration for credit at the college level. This work will also be used for the student's portfolio for acceptance at an art school or university.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

Prerequisite: 2D Art I and II, and one of the following: Ceramics I or Illustration I. Consent of instructor.

Grades 11 and 12 only.

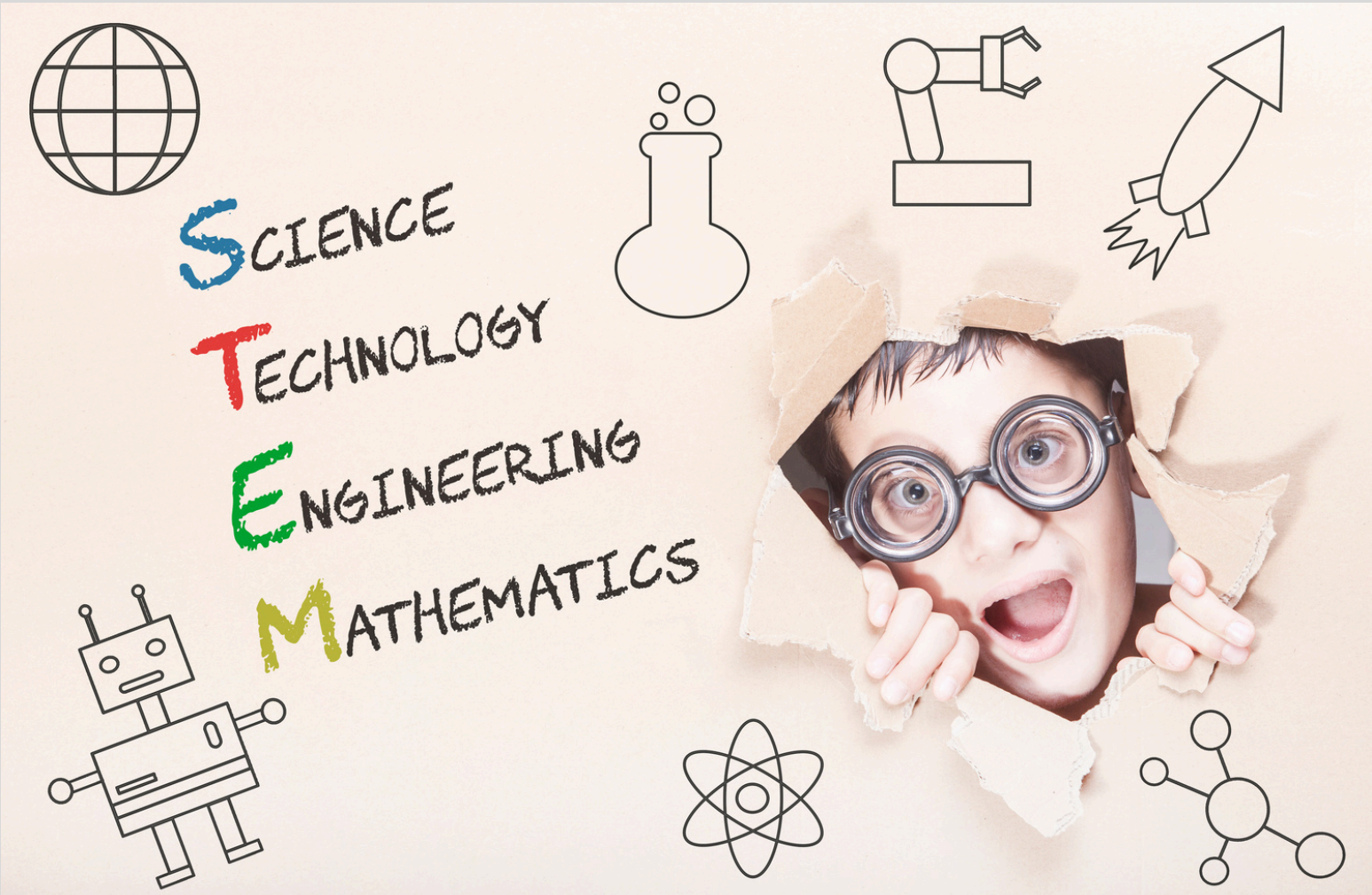
Recommended course of study for AP Studio Art:

9th grade	2D Art I	2D Art II
10th grade	Illustration	Ceramics I/Crafts I
11th grade	Advanced Art & Portfolio Development (full or 1/2 year)	Advanced Art & Portfolio Development (or other art elective)
12th grade	AP Studio Art	AP Studio Art





STEM



SCIENCE

Students are required to take 3 credits of Science, including Integrated Science and Biology.

Grade 9 - One of the following courses is REQUIRED:

Integrated Science Adv CCP, Integrated Science CCP

In addition to the required Integrated Science course, 9th grade students may take AP Environmental with special permission from the instructor.

Grade 10 - One of the following courses is REQUIRED:

Biology Honors, Biology Adv CCP, Biology CCP

In addition to the required Biology course, the following electives are available to Grade 10 students with an aptitude in Science and Math (with approval from the Integrated Science Teacher):

Chemistry Honors, AP Environmental or Biotechnology (2nd Semester)

Grade 11 – One of the following courses is RECOMMENDED:

Chemistry Honors, Chemistry Adv CCP, Chemistry in the Community Adv CCP or Physical Science CCP

In addition to the recommended course, there are a variety of electives available beginning junior year – see the list below for options.

Grade 12 – One of the following courses is RECOMMENDED:

AP Physics I/UCONN ECE PHYS 1201Q, Physics Adv CCP or Applied Physics

In addition to the recommended course, there are a variety of electives available – see the chart below for options.

AP Biology	Biotechnology Adv CCP	Marine Biology I
AP Chemistry	Emergency Medical Technician/UCONN ECE	Marine Biology II
AP Environmental	Forensic Science	Marine Biology III
AP Physics I/ UCONN ECE PHYS 1201Q	Human Anatomy & Physiology Honors	Medical Terminology/ UCONN ECE
AP Physics II/ UCONN ECE PHYS 1202Q	Human Body Systems	Science for the 21st Century Citizen
Astronomy	Lab Assistant	

Integrated Science Adv CCP (0601) Credit 1.0

Integrated Science offers an interdisciplinary approach to the study of Earth Science with an emphasis on the following concepts: matter and chemical reactions, space systems, Earth's systems and history, and climate and sustainability. Topics in physical science are integrated throughout. Comprehensive assessment and application of these topics invite students to gain a better understanding of the earth and our solar system. Next Generation science practices are embedded throughout the course and will include planning and conducting laboratory investigations, analyzing data, constructing, and revising evidence-based claims, and developing models to represent scientific concepts. Selection of materials, pace, level of independence and manner of presentation
differ according to level.

Integrated Science CCP (0602) Credit 1.0

Integrated Science offers an interdisciplinary approach to the study of Earth Science with an emphasis on the following concepts: matter and chemical reactions, space systems, Earth's systems and history, and climate and sustainability. Topics in physical science are integrated throughout. Comprehensive assessment and application of these topics invite students to gain a better understanding of the earth and our solar system. Next Generation science practices are embedded throughout the course and will include planning and conducting laboratory investigations, analyzing data, constructing, and revising evidence-based claims, and developing models to represent scientific concepts. Selection of materials, pace, level of independence and manner of presentation
differ according to level.

Biology Honors (0606) Credit 1.0
This introductory Biology course is intended to introduce the student to the study of living organisms. There is an emphasis on the scientific process and critical thinking, as well as vocabulary. In an honors level course, students are expected to become independent learners. This is accomplished through reading assignments (Chapters, journal articles, and online materials), laboratory reports, research reports, online activities, and hands- on activities. Topics to be covered include biochemistry, cell biology, photosynthesis, genetics, evolution, biotechnology, and ecology. Students completing this course are eligible to take AP Biology either in their junior or senior year.
Prerequisite: Integrated Science Adv CCP with an A- or better.

Biology Adv CCP (0607) Credit 1.0
This is a college preparatory Biology course with integrated laboratory experience. It is intended to introduce the student to the study of living organisms. It encompasses traditional concepts in biology and encourages exploration of new discoveries in the field. Next Generation Science Standards are embedded in the course including planning and conducting scientific investigations, analyzing data, and developing models to represent scientific concepts. There is an emphasis on the scientific process and critical thinking, as well as on vocabulary. Topics to be covered are biochemistry, cell biology, genetics and cell reproduction, evolution of life, ecology, and microorganisms.

Biology CCP (0608) Credit 1.0
This course enhances skills for college readiness for Biology including literacy and laboratory experiences. Next Generation Science Standards are embedded in the course including planning and conducting scientific investigations, analyzing data, and developing models to represent scientific concepts. There is an emphasis on the scientific process and critical thinking, as well as on vocabulary. Topics to be covered are biochemistry, cell biology, genetics and cell reproduction, evolution of life, ecology, and microorganisms.

Chemistry Honors (0614) Credit 1.0
This is a rigorous course in general Chemistry for students with exceptional ability and interest in science. It is assumed that the student is highly motivated, able to read and process information independently, and is proficient in mathematical skills. Topics studied will include atom structure, chemical bonding, chemical nomenclature, stoichiometry, kinetics, equilibrium, and nuclear chemistry. Emphasis is placed on developing chemical principles through laboratory investigations conducted by the student, demonstrations by the teacher, or results presented in the text. Students are introduced to the basic investigative methods used by chemists in the lab and to the correct interpretation of the subsequent data. Considerable attention is given to problem- solving techniques and to mathematical expression of the concepts studied. The pace and depth of this course will be rigorous.
Prerequisites: B or better in Integrated Science Adv CCP; must have taken or be currently enrolled in Algebra II.

Chemistry Adv CCP (0615) Credit 1.0
This is a traditional Chemistry course that will provide a thorough grounding in the major chemical concepts and laboratory skills. It is intended for college-bound students who are competent in math. Teaching methods include lectures, small group work, lab experiments, and demonstrations as well as problem solving techniques. Topics to be covered include atomic structure, periodic trends, chemical bonding, nomenclature, reactions and equations, stoichiometry, chemical equilibrium, kinetics, energy transformations, molecular shape and polarity and nuclear chemistry. The pace is suitable for Advanced CCP-level students.
Prerequisites: Successful completion of Integrated Science, Biology, and Geometry.

Chemistry in the Community Adv CCP (0616) Credit 1.0

Chemistry in the Community is an activity based, issues-oriented chemistry curriculum that encourages participation. Chemistry in the Community is recommended for students currently taking Algebra I or Geometry. It includes many traditional chemical concepts and laboratory skills, as well as more bio-industrial and organic chemistry than is normally encountered in a standard high school chemistry curriculum. The most unique feature of this course is that chemistry is taught on a "need to know" basis, with societal and technological issues/problems determining the depth and breadth of chemical concepts taught. Most of the complex and perplexing issues and problems facing our nation involve more than scientific concepts. They also involve individual and social values and group decision-making processes. Accordingly, this course aims to prepare students for informed, effective citizenship through stimulating their higher cognitive abilities as well as values and attitudes. These students are typically juniors following a college preparatory course of study.

Prerequisites: Completion of Integrated Science and Biology.

Physical Science CCP (0638)Credit 1.0

Physical Science CCP is an activity-based course, which discusses basic concepts of chemistry and physics. Topics from chemistry include matter, chemical reactions, solutions, and mixtures. Topics from physics include motion, forces, work, and energy.

Prerequisites: Integrated Science, Biology.

Physics Adv CCP (0633) Credit 1.0

This is a course designed for college-bound juniors and seniors in which students learn and apply the fundamental laws of nature. The first part of the course investigates motion, forces, and energy. Later topics include the science of static electricity and simple circuits. Time permitting, waves, sound, and magnetism are included, as well. Students will construct explanations for everyday phenomena, solve quantitative problems, and develop mathematical models of nature based on lab work and data analysis.

Applied Physics (0634) Credit 1.0

Applied Physics is a hands-on laboratory course designed for students planning a technical or engineering career or a career in any of the nursing or allied health fields. Fundamental physics topics are explored in the context of mechanical and electrical systems. For example, concepts such as force, work, rate, resistance, energy, and power will be studied in both systems. Additional areas of study include waves, optics, and selected topics in modern physics.



SCIENCE ELECTIVES

AP Biology(0604) Credit 1.0

This course is designed to be the equivalent of a first-year college Biology course. Topics to be covered in depth are biochemistry, cell biology, genetics, evolution, classification, plants, and ecology. In order to cover the prescribed curriculum, students are expected to do summer reading assignments prior to taking the course and extensive reading outside of the classroom during the year. This course will also include the AP labs, as suggested by the College Board, and will help prepare students to take the AP Biology exam administered in May. Students are expected to work independently on much of the material and assessment will be based on tests, quizzes, and lab reports.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

Prerequisite: Biology and Chemistry (may be taken concurrently).

AP Chemistry (0613) Credit 1.0

This is an Advanced Placement Course in general Chemistry for students wishing to study a second year of Chemistry in high school. The curriculum follows that published by the College Board, which represents a first- year college level course. The students will take the Advanced Placement exam in May. Topics covered include atomic structure and bonding, periodicity, thermodynamics, kinetics, equilibrium, acids and bases, oxidation/ reduction, and electrochemistry. Students are expected to work independently on much of the material. Students will be graded on tests, quizzes, and lab practicals.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

Prerequisite: At least a B in Chemistry Honors or special approval of instructor; Precalculus completed or taken concurrently.

AP Environmental (0617) Credit1.0

This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Laboratory and fieldwork is an integral part of the course. A summer assignment may be required.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

Prerequisite: Must have earned at least an A in Integrated Science Adv CCP; an A in Biology Adv CCP or at least a B in Biology Honors. May take concurrently with Biology Honors.

Advanced 9th grade students may take this course concurrently with Integrated Science Honors by special recommendation.

AP Physics I/UCONN ECE PHYS 1201Q (Early College Experience) (0631) Credit 1.0

AP Physics I is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion), work, energy, and power. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Problem-solving and lab work are emphasized. This course is open to grades 11-12.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

UCONN ECE CREDIT IS OPTIONAL. Guidelines are set by UCONN. Students must complete the UCONN final exam and pay an additional application fee to receive 4.0 UCONN credits.

Prerequisites: Chemistry and Algebra II.

AP Physics II/UCONN ECE PHYS 1202Q (Early College Experience) (0632) Credit 1.0

AP Physics II is a second-year course for students with previous coursework in the subject. It is an algebra- based, college-level course that explores topics such thermodynamics with kinetic theory, PV diagrams and probability, electrostatics, electrical circuits with capacitors, magnetic fields, electromagnetism, waves, sound, light, physical and geometric optics, and quantum, atomic, and nuclear physics. Students will think critically, construct solid arguments, and solve problems using a variety of approaches. Significant time is spent designing and conducting experiments.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

UCONN ECE CREDIT IS OPTIONAL. Guidelines are set by UCONN. Students must complete the UCONN final exam and pay an additional application fee to receive 4.0 UCONN credits.

Prerequisites: Chemistry and Algebra II; AP Physics I/UCONN ECE or Physics Adv CCP.

Astronomy (0621) Credit .5

Astronomy is the study of celestial objects and how they work together in our universe. Our understanding of the universe is increasing at a faster rate than ever before. This new information will be highlighted while we focus on the following: constellation identification, the tools of an astronomer, the historical development of astronomy, the solar system, exoplanets, stellar evolution, galaxies, cosmology, and current space missions.

The specific topics focused on depend on student interests. Various group projects and hands-on activities will help to gain a deeper understanding of abstract concepts. Mathematical applications are found throughout because components of astrophysics are involved.

Biotechnology Adv CCP (0619) Credit .5

This laboratory intensive course is designed to extend upon the student's knowledge of DNA, bacteria, and proteins. It is intended for students in their junior and senior year who are interested in pursuing a career in biology or medicine. Sophomores taking Biology H may also enroll in the spring semester of their sophomore year. The curriculum includes the history of biotechnology, basic laboratory techniques, manipulation and analysis of DNA and protein, electrophoresis, transformation of E. coli, CRISPR and other labs as time permits. There is also a unit on bioethics. Students should come away feeling comfortable at the lab bench and should have a better understanding of how biotechnology impacts society today.

Prerequisite: B in Biology Adv CCP or Biology Honors.

Emergency Medical Technician/UCONN ECE AH 4092 (Early College Experience) (0661) Credit 1.5

Emergency Medical Technician (AH 4092) prepares students to provide prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles, and responsibilities of EMTs, anatomy and physiology, medical emergencies, trauma, special considerations for working in the prehospital setting and providing patient transportation. Successful completion of this class through guidelines concurrent with the State of Connecticut and National Registry of Emergency Medical Technicians (including attendance) will allow for the student to sit for the two sections of the National Registry EMT exam. The State of Connecticut administers the practical exam at a Pearson View testing facility. Successful completion of the course does not imply passing the National Registry Exam; it means eligibility to take the exams. There are costs for both examinations, and it is anticipated that the student will have one attempt at the Practical exam at a participating location but the cost of the written examination at a Pearson view location is the responsibility of the student. If a student does not meet requirements to take either part of the exams they will not be eligible for a partial or full refund of program tuition.

***** EMT students who have not taken Medical Terminology/UCONN ECE or Anatomy and Physiology, must take Human Body Systems concurrently with registration into the EMT course. Priority will be given to seniors if all interested students cannot be accommodated**.

Prerequisites: B in Biology Adv CCP and Chemistry Adv CCP or Chemistry in the Community Adv CCP or ***per special permission*** by the course instructor.

Forensic Science (0618) Credit .5

Who dunnit? How do we know? In forensics you will learn the basics about crime scenes, how to collect evidence and how to process evidence. Fingerprinting, scene sketches, blood spatter, DNA, glass analysis, and shoe prints are some of the fun topics we will explore. There is topic appropriate homework, readings, videos, and lectures. Guest speakers will be invited from local law enforcement agencies and state police labs.

Prerequisite: Biology.

Human Anatomy and Physiology Honors(0628) Credit 1.0

In this rigorous college-level course, students engage in a thorough study of the structure and function of the human body. The emphasis is on tissue organization and organ systems. Each of the body's systems will be studied as time permits. A discussion of homeostatic imbalances (disease, disorders, etc.) is also included with each of the body's systems. Students complete laboratory exercises including microscopy of tissues and dissections. Dissections include mammalian specimens of the brain, eye, heart, lungs, kidneys, and a culminating dissection of a fetal pig. This course is intended as a foundational one for those considering health or life science careers/majors such as pre-med, pre-vet, physical therapy, nursing, athletic training, etc.

Prerequisites: Must have earned an A in Biology Adv CCP, B or better in Biology Honors or ***per special permission*** by the course instructor.

Human Body Systems (0662)Credit .5

This course will engage students in the study of processes, structures, and interactions of human body systems. Topics include body organization, homeostasis, and medical terminology. Students will be introduced to the way in which body systems work together to maintain homeostasis and good health. Students will engage in discussions and investigate the body systems and functions including when homeostasis is disrupted with disease. This course is designed for students who want to go into Allied Health fields such as Nursing, Radiologic Technology, Medical Assistants, and other health related programs.

***** Priority will be given to EMT students who have not taken Medical Terminology/UCONN ECE or Anatomy and Physiology, in which case this course must be taken concurrent with registration into the EMT course.**

Prerequisites: B in Biology and Chemistry Adv CCP or Chemistry in the Community Adv CCP or ***per special permission*** by the course instructor.

Lab Assistant (0640) Credit .5

This interdisciplinary program is designed to give students the opportunity to work with science teachers as laboratory assistants. Students will use science teachers as mentors to develop extended laboratory skills and techniques. They will learn to work independently in a lab situation and will also learn to work cooperatively with science teachers in a variety of disciplines. Students will have the opportunity to become more familiar with scientific equipment, supplies, storage areas, and facilities within the Science Department.

A student/teacher log of duties and hours is required to earn credit in the program. Students need to be trustworthy, responsible, and dependable. Signing up for this course does not guarantee a placement with a teacher as this is driven by the teacher schedule. Students need to arrange timing and sign a contract with a teacher at the beginning of the semester before the course will appear on the student schedule.

Requirements: ¼ credit will be given each marking period following approval of the log by Counselor and the Science Department CIL.

Marine Biology I (0625) Credit .5

This course is an introduction to marine communities and lower-level organisms. Plants and animals of the Long Island Sound estuary are studied through lecture, hands-on laboratory work, and identification of organisms and habitats. Organisms studied include marsh plants, seaweeds, sponges, jellies, corals, plankton, worms, and mollusks like clams, oysters, snails, octopus, and squid. This course includes a squid dissection.

Prerequisite: Biology.

Marine Biology II (0626)Credit .5

Can't get enough marine biology? This time we will learn about crabs, lobsters, sea stars, sea cucumbers, fish, sharks, marine mammals, sea turtles, sea snakes, penguins, and many related organisms. Modern and historical fisheries, whaling and pirates will also be discussed. This course includes several dissections including crayfish, sharks, and fish. Students will also organize and supervise the Kindergarten Beach Day.

Prerequisite: Marine Biology I with C or better.

Marine Biology III (0627) Credit .25

Bermuda!! Need we say more? This is a field ecology class that takes place in May. There are several night classes before the trip that focus on Geology, History, Culture, Fish and Ecology of Bermuda. Snorkeling is a required component; students will be taught before going on the trip. Most ecological features on the island will be visited. Daily journaling and a final project are all part of the course grade. Cost will be determined each year and advertised in Sept. – Oct. Students need to be passing all classes and have a passion for science.

Prerequisite: Marine Biology I with C or better.

Sign up is in September/October with Mrs. Buckley.



Medical Terminology/UCONN ECE AH 2001 (Early College Experience) (0660) Credit 1.0

Medical Terminology (AH 2001) provides an introduction to and mastery of medical terminology through presentation of word roots, prefixes and suffixes. It provides meanings for these medical terms in the context of the structure and function of the human body. This course will study the location, functions, and terminology of the organs of the various systems of the body as well as pathological conditions associated with each body system. Introduction to Allied Health Professions (AH 1100) provides an overview of careers in the various allied health professions. Guest speakers representing different allied health professions will be invited to describe their work/general duties of the profession, the work environment, education requirements, and employment trends. The speaker presentations from AH 1100, will be woven into the Medical Terminology (AH 2001) course so that students benefit from learning about the allied health professions that are involved with clinical diagnosis, pathology, and patient care. There will be required UCONN online quizzes and a UCONN Midterm and Final.

Guidelines for acceptance into the course are set by UCONN.

Students must maintain a C average to receive UCONN credit.

Application fee required for 3 UCONN credits.

Prerequisites: B in Biology Adv CCP or successfully completed Biology Honors or ***per special permission*** by the course instructor.

Science for the 21st Century Citizen (0637) Credit .5

Science in the 21st Century empowers students to explore how science and data shape the decisions that influence today's world and their own futures. Centered on student voice and choice, the course allows students to pursue science-based issues that matter to them, including topics such as energy use, environmental stewardship, land use, and the role of science in society. Through data analysis, discussion, and problem-solving—and enriched by guest speakers and lectures from professionals using science in real-
world contexts—students build the skills to think critically and make evidence-based decisions. The course culminates in an independent research project in which students use current and historical data to examine how a chosen issue is expected to change over the course of their lifetime.



CTE

(CAREER & TECHNICAL EDUCATION)

BUSINESS

Personal Finance (0810) Credit 0.5

Personal Finance explores financial issues students will face from young adulthood through retirement. Some of the topics include banking, income taxes, managing their credit, renting/buying an apartment or home and a variety of investment strategies. Students will learn how to handle their personal finances by setting up a budget and strategizing how to save money for big purchases.

Due to the nature of the topics covered, this class is intended for Grades 11 & 12.

***Beginning with the class of 2027, all students will be required to take a Personal Finance course.**

Financial Literacy/CT State College Career Pathway (0803) Credit 1.0

This full year class, patterned after the CT State Community College Financial Literacy class, provides an overview of personal and family financial planning with an emphasis on financial record keeping, planning your spending, filing taxes, consumer credit, making buying decisions, purchasing insurance, and selecting investments for retirement and estate planning.

Due to the nature of the topics covered, this class is intended for Grades 11 & 12.

***Beginning with the class of 2027, all students will be required to take a Personal Finance course. Upon successful completion of this College Career Pathway (CCP) course, and successful registration at TRCC, students can earn credit at CT State Community College.**

Accounting I (0800) Credit 1.0

Accounting I introduces the principles of accounting and uses computerized accounting software which simulates the software used in today's businesses. Students will study the accounting cycle for a proprietorship and research the accounting profession. This course prepares students for an entry level accounting clerk position and a first-year college accounting course.

Students in grades 10, 11 and 12 may take this course for mathematics credit with permission.

Business Management (0806) Credit 0.5

Business Management explores how managers use staffing, leading, planning, organizing, and controlling to make complex business decisions and become effective managers. Students will discover what kind of leader they are through planning their own business and through various management-focused activities. Projects include writing formal business letters, creating a pitch for a new business, researching, and preparing for future careers, and analyzing existing companies.

It's the Law I (0807) Credit 0.5

It's the Law I is a survey of basic principles of law. Students will learn how our legal system functions. Citizens' legal rights, privileges and duties under the U.S. Constitution will be studied. Students will examine contemporary laws and their rights and responsibilities as minors and be provided with an introduction to fundamental civil and criminal justice procedures.

FAMILY/CONSUMER SCIENCES

Culinary Arts I (0820) Credit .5
This is an introductory course in food preparation and nutrition. Students will learn the proper use and care of large and small kitchen appliances, food safety and sanitation, and food preparation terms and techniques. Units covered include cookies, eggs, quick breads, yeast breads, soups, casseroles, pies and pastry, and international cuisine. Students who complete Culinary I will develop the culinary skills needed to lead an independent, healthy lifestyle.
Prerequisite: Grades 10–12

Culinary Arts II (0821)Credit .5
Culinary Arts II is an extension of Culinary Arts I. Students will build on the foundations from Culinary Arts I through units including fruits and vegetables, meats and poultry, grains, pastas, sandwiches, herbs and spices, and salads. In addition, students will review safety/sanitation, knife skills, and event planning. Students will work toward building the skills required to work in a professional kitchen.
Prerequisite: Culinary I with a C+ or better.

Catering & Hospitality Honors (0823) Credit.5
This hands-on course is designed for students who have taken at least one credit in Culinary Arts and are interested in developing advanced skills and knowledge in the food service industry. Students will learn the basics of mass food preparation, menu planning, plate presentation and garnishing, leadership and management, and event planning. Students will cater for school and community events as a component of the course.
Prerequisite: 1 credit in Culinary Arts or teacher approval.

Baking & Pastry Arts (0822) Credit.5
This course introduces the functions of baking ingredients including flour, sugar, fat, eggs, and liquids. Students will be introduced to methods and equipment used in a commercial bakeshop. Units include bakery measuring techniques, preparation of a variety of yeast breads, cake variations, cake decorating, cookies, pastry techniques, and plated desserts. Students will be introduced to methods of mass production and will evaluate the quality of items which they produce.
Prerequisite: Grades 11 & 12.

Birth to Three Playgroup (0836) Credit .5
The operation of a weekly playgroup for young children and their parents will be the focus of this introductory child development course. Characteristics of the young child (birth-3 years) and his/her developmental needs will be studied. Students will have experience interacting with children and developing activities for the playgroup participants.

Preschool Laboratory 1 (0837) Credit .5
Through the operation of our student run preschool, students study the social, emotional, physical, and intellectual development of three- and four-year-olds. Students develop all lessons, teach in the program and function as members of cooperative learning teams. Written work includes observations, journaling and assessments of the children and peers.
This class is a prerequisite for Preschool Laboratory 2/CT State Community College – Early Childhood Education (ECE101). Fall Semester Only.
Prerequisite: Birth-to-Three or teacher approval.

Preschool Laboratory 2/CT State Community College - Early Childhood Education (ECE 101) (0838) Credit .5

This course is a continuation of Preschool Laboratory (712) and completes the requirements for the CT State Community College CCP credit. Students plan and teach in our student-run preschool program for children ages three to five. Through observations and projects, students will gain a deeper understanding of the pre-kindergarten child. Students will learn what it is like to work in a variety of early childhood settings.

Prerequisite: Birth to Three Playgroup, Preschool Laboratory 1, or teacher approval.

Grades 10–12 only.

Child Development Laboratory Aide (0840) Credit .5

This course is a continuation of one of the three child development labs offered and is designed for students who have completed the requirements of Birth-to-Three Playgroup, Preschool Laboratory 1, or Preschool Laboratory 2 and who want to continue to work in the laboratory. Classroom clerical assistance is required.

Prerequisite: Teacher approval.

Pass/ Fail grade.

Human Development/UCONN ECE HDFS 1070 (Early College Experience) (0845) Credit 1.0

This course is designed as an introduction to the field of Human Development and Family Science. This course will provide students with an understanding of individual and family development over the life span. Community based internship experiences will be required and will include many community and school related facilities and organizations. Students will have the opportunity to apply for UConn college credit in the UConn Early College Experience Program. This hands-on, laboratory class is strongly recommended for those students interested in pursuing a career in the fields of Elementary or Secondary Education, Early Childhood Education, Psychology or Allied Health (medical or nursing professions).

Guidelines for acceptance into the course are set by UCONN.

Students must maintain a C average to receive UCONN credit.

Application fee required for UCONN credit.

Prerequisite: FCS teacher or counselor recommendation (Student transportation required).

Grades 11 & 12.

Designing You and Your Space (0834) Credit .5

This hands-on design course will focus on the elements of design line, color, space, texture and how the elements relate to one's personal style in relation to body proportion as well as living space. This class will include room design projects using computer design programs, wardrobe analysis and choices, and other creative personal projects. Open to all grades.

*This course is strongly recommended before taking Fashion World.

Fashion World (0835) Credit .5

This course is for students who have an interest in exploring fashion design and the related industry. Students will learn the role of fashion in society, basic fashion illustration, industry careers, marketing and merchandising, garment types, textiles, design, and color theory. The class format is project-based learning. Additional course components may include field trips, guest speakers, and hands-on fashion labs.

Prerequisite: Designing You and Your Space

Strongly Suggested: Sewing I

(Not available to grade 9 students)

Sewing I (0830) Credit.5

This course acquaints students with sewing techniques beginning at their present level. Simple, fun projects that incorporate a variety of basic sewing techniques are completed.

Sewing II (0831) Credit .5
This course is a continuation of Sewing 1 and offers an opportunity to learn advanced sewing techniques through the use of commercial sewing patterns. Students' projects will be based on the individual student's interests and abilities.
Prerequisite: Sewing I and/or teacher approval.

Entrepreneurship: Passion to Profit (0846) Credit .5
This course provides students with the resource management skills needed to turn an idea into a product or service. Taught through learning activities such as running the school store, guest speakers, and hands on projects, students will explore themes of entrepreneurship as they develop skills in problem solving, communication, organization, and leadership. Students will focus on the sequential process of creating a small business, from analyzing consumer demands to managing the product or service. This class primarily uses Adobe Photoshop and Adobe Illustrator, and the prerequisite must be met.
Prerequisite: One of the following courses: Introduction to Graphics, Photo Shop, Digital Photography or Web Design.
Grade 10-12 only.

WISE Junior/Senior Independent Study Honors (0843) Credit .5
WISE is a junior/senior independent study based on student interest and choice. Projects must demonstrate a learning stretch. Components of the course include in depth research guided by essential questions, daily journals, time log (90 credit hours), development of a mentoring relationship with a faculty member, experiential community opportunities (job shadows/interviews), individual portfolio development, and a final presentation of projects. Soft skills such as time management, effective communication, problem solving, and independent work ethic are emphasized.
Honors Option – During initial project development, those seeking honors credit will present a written proposal/justification to the WISE teacher. Honors credit will be awarded based on successful completion of all course expectations as well as a community internship (minimum of 20 verified semester hours), the addition of a community mentor, an internship log, and research expectations that exceeds the course minimum of 12 scholarly sources.

Senior Academy (0844) Credit .5
This seminar class is for seniors transitioning to the next phase of life whether planning on attending college, enlisting in the military, or entering the world of work. Interpersonal relationship issues, career planning, personal development, independent living skills, financial realities, gender issues, decision making, and stress reduction are examples of topics that will be explored through this course.
Grade 12 only.

If You Love It, Teach It/UCONN ECE EDCI 1100 (Early College Experience) (0889) Credit .5
This is an educational foundations survey course for those who are interested in learning more about the landscape of K12 education and how to connect their passions to it. If You Love it, Teach It engages students interested in working in K12 settings in studies about teaching, learning, and schooling in the United States. It explores teaching and learning as processes that can relate to personal passions as well as how those passions are shaped, cultivated, or denied in different educational contexts. Course topics will include introductions to historical, philosophical, and social foundations of education, as well as how those foundations and personal passions relate to teaching as a profession, school organization, educational reform, and the reimagining of educational futures.
Grades 11 & 12 or teacher approval.
Prerequisite: Birth to Three Playgroup or Human Development/UCONN ECE.

TECHNOLOGY

C.A.D. I (0852) Credit .5

C.A.D. I is a semester course designed to introduce students to drafting. Emphasis will be placed on blueprint interpretations and mechanical drawing techniques. Students will be exposed to two-dimensional drawings, orthographic projection, geometric construction, and isometric projection utilizing traditional drawing techniques and a CAD system. The class will be taught from a hands-on, problem-solving approach.

C.A.D. II (0853) Credit .5

C.A.D. II is a semester course designed for the advanced drafting student who has shown an interest in mechanical drafting. This course uses the design software *Solidworks*. Emphasis will be placed on the creation of complex three-dimensional drawings, parametric modeling, manipulation of three-dimensional wire frame models, surface developments, and presentation drawings.

Upon successful completion of this College Career Pathway (CCP) course, and successful registration at CSCC, students can earn credit at CT State Community College.

Prerequisite: Grade of B or better in CAD I.

Pre-Engineering (0859) Credit .5

Pre-Engineering is a semester course in which students will apply math and science concepts while solving engineering challenges. Engineers are creative problem solvers who develop ways to use the materials and laws of nature to create products and services. In this “hands on” course, students will learn a problem-solving design process and how it is used in industry to manufacture a product. The Computer Aided Design System (CAD) will also be used to analyze and evaluate the product design. Students will be introduced to engineering as a potential career.

Prerequisite: CAD I.

Engineering (0860) Credit 1.0

Engineering is a year-long course that will cover basic construction principles and practices. Emphasis will be placed on design, geometric theories, construction, and evaluation/testing. Some projects may include robotic arms, electric cars, scale model bridges, roof trusses, geodesic domes, residential wall framing, tower building, pneumatic structures, and concrete work. Pre-engineering software and sketching will be used. This class will be taught from a hands-on, problem-solving approach.

Prerequisite: CAD I.

Introduction to Construction Trades (0855) Credit .5

Introduction to Construction Trades is a semester-long exploration course of the fundamental construction trades. This hands-on course aims to familiarize students with various disciplines within residential construction. Students will gain practical skills and knowledge that not only serve as a potential foundation for future careers but also empower them to make informed decisions as future homeowners. Topics include carpentry, plumbing, electrical, drywall, trim, painting, roofing, and basic home ownership skills. Students will develop safe practices and procedures while working in a hands-on environment.

Advanced Construction Trades (0856) Credit .5
Advanced Construction Trades is a semester-long course that continues exploration into the world of construction. Students will build upon skills learned in the introductory course and will gain an in-depth understanding of both residential and commercial construction. Emphasis is placed on advancing skills and techniques, broadening knowledge, and gaining practical experience in new construction areas. Topics include carpentry, plumbing, electrical, trim, and roofing while adding site work, concrete, window and door installation, tile setting, flowing, building codes, and some commercial construction practices. Students will develop safe practices and procedures while working in a hands-on environment.

Introduction to Woodworking (0857) Credit .5
Introduction to Woodworking is a semester long course designed to introduce students to the art and craft of woodworking. Students will learn the fundamental skills of woodworking while becoming familiar with a variety of tools and machines. All students will be required to complete a series of instructor chosen projects, before being allowed to choose their own, with instructor approval. Most importantly, students will work hands-on to create functional and aesthetically pleasing projects, while developing safe shop practices and safety procedures. Topics include tool identification and operation, wood identification, measurement and layout, fastening and gluing, and basic finishing techniques.

Advanced Woodworking (0858) Credit .5
Advanced woodworking is a semester long course that is designed to allow students to dive deeper into the world of woodworking and improve their craftsmanship abilities. Using safe shop practices and procedures, students will build on the foundational skills from Introduction to Woodworking and engage in more complex and creative projects. After completing a series of instructor chosen projects, students will be allowed to choose their own projects with instructor approval. Topics include wood joinery, woodturning, advanced finishing techniques, and tool maintenance.
Prerequisites: Successful completion of Introduction to Woodworking.

Exploring Computer Science I (0873) Credit .5
Exploring Computer Science is a semester-long course designed for all students. Collaboration will be emphasized through many hands-on activities, and by discussion of present-day societal and ethical issues related to computer science, such as data privacy, digital footprint, digital literacy, and cybersecurity. Students will be introduced to computer science concepts such as computational thinking and algorithm development by creating a website, developing simple computer games, and interacting with robots.

Cyber Security Fundamentals (0877) Credit .5
This course will provide an introduction to the technical background required to provide solutions to many cyber security problems. This background includes Cyber Security awareness, programming, cryptography, network fundamentals, and social engineering. The material will be presented in the context of its necessity for providing cyber security solutions. The class will also include Cyber Security professionals sharing their knowledge in the field.
Grades 10,11, 12

Web Design (0866) Credit .5
Web Design is a semester course that introduces students to the principles of web design and using HTML (Hyper Text Markup Language), CSS (Cascading Style Sheets), and JavaScript. Students will manipulate web design elements, such as text and images, to create unique and interactive web pages. This course will provide a solid foundation for those interested in a career in web design or programming. Upon completion, students will be able to develop hand-coded web pages using current markup standards.

Computer Programming Honors (0872) Credit.5
Computer Programming Honors is a semester-long course designed to provide students with a foundation for advanced study of computer programming. It will introduce students to the building blocks of several programming languages, both functional and object-oriented, and develop the skills necessary to be successful in Computer Science.
Prerequisites: Algebra II and consent of instructor.

AP Computer Science A Java (0870) Credit 1.0
AP Computer Science is a year-long course that will cover the fundamentals of a first semester computer science college course in Java programming. Students will design and implement computer-based solutions in several application areas. Students will develop, select, and use appropriate algorithms and data structures to solve problems and develop skill in the Java™ programming language. This course follows the Advanced Placement Computer Science curriculum in preparation for the Advanced Placement Exam™.
Students are required to take the AP exam in May in place of a final exam.
AP test fee paid by students.
Prerequisites: Algebra II, and either one of the following: AP Computer Science Principles or Computer Programming Honors, and consent of instructor.

AP Mobile Computer Science Principles (0869) Credit 1.0
AP Computer Science Principles (AP CSP) is a full year course in which students are exposed to the 7 big ideas of computer science. This course is project-based and emphasizes writing, communication, collaboration, and creativity. Students create socially useful mobile apps for Android devices using MIT App Inventor. No prior computer programming experience is needed, but prior participation in a computer science class is highly recommended.
Students are required to take the AP exam in May in place of a final exam.
AP test fee paid by students.
Prerequisites: Algebra II, and consent of the instructor.

Introduction to Graphics (0862) Credit .5
Introduction to Graphics is a semester course where students will learn how professionals design and create great projects. Students will have fun with computer design and hands-on learning. This class focuses on Adobe Illustrator, creating T-shirts, mugs, stickers, etc.

Graphics Honors (0863) Credit .5
Graphics Honors is a semester course for students who have taken other graphics classes and want to work in the print shop. The goal is to create, design, produce and complete jobs for customers and it is a great way to get real life experience in the classroom.
Prerequisites: Introduction to Graphics and consent of instructor.

Gaming Concepts (0887) Credit .5
The gaming concepts curriculum seeks to approach video gaming as a sport in which gamers, much like athletes, are educated on concepts such as proper training, nutrition, goal setting, and time and resource management, as well as revealing video gaming as having a place in a well-balanced life and as a pathway to various careers. Emphasis will be on the correlation between video games and leading a healthy and productive life.

Photoshop (0865) Credit .5
This is a semester course all about Photoshop. Become a master of Photoshop and photo manipulation. Learn amazing skills and have fun creating. A great course for learners of all levels and skills.

Intro to Print Shop (0888) Credit .5
Intro to Print Shop puts students in a real-world work atmosphere. Students will create designs and produce merchandise including t-shirts, posters, mugs, brochures, flyers, etc. Students must have taken Photoshop, Intro to Graphics, and instructor approval.
Prerequisites: Photoshop, Intro to Graphics and Instructor approval.

Digital Photography (0864) Credit .5
Digital Photography is a semester course that is about taking photographs and making them great! This course focuses on Adobe Photoshop and Adobe InDesign. Students will take pictures, digitally manipulate them, and then print. Students will also learn the mechanics of layout design and how to become a great designer.

Yearbook (0881)Credit .5
Yearbook is a semester or year-long course in which students create, design, and make the ELHS yearbook. A fun filled class with lots of hands-on work.

Animation (0867) Credit .5
Animation is a semester course that fuses analog and digital elements during the production process. Beginning with the flipbook, and ending with creating an animated short film, students will learn a variety of methods of animation, including stop motion, keyframing, chroma keying, special effects, and sound effects, among others.

Digital Filmmaking I (0882) Credit.5
Digital Filmmaking I is a semester course designed to provide students with the tools to develop skills in all aspects of digital media and filmmaking. Filming is done on personal phones and entry level camcorders. Editing is done with Final Cut Pro. Projects include a PSA, film-scene re-creation, 30 second commercial and a short film.

Digital Filmmaking II (0883)Credit .5
Digital Filmmaking II is an advanced study in filmmaking, lighting, sound, and editing. This course is designed to provide more time to do intensive projects. Projects include an abstract film, a 5-10-minute short film. Students may also submit work into three different film festivals/competitions.
Prerequisite: Digital Filmmaking I or Animation.

Digital Filmmaking Honors (0884)Credit .5
Digital Filmmaking Honors is for students serious about advancing post-high school in the field of digital film, or digital media marketing. Projects are designed around the interest of each student. Projects are completed using high-end cameras and advanced production and editing techniques.
Prerequisite: Digital Filmmaking I or Animation and Digital Filmmaking II or consent of the instructor. Animation is strongly recommended.

TV Broadcast News (0885) Credit 1.0
TV Broadcast News is a year-long course responsible for broadcasting The Morning Show. This course requires work outside the classroom block. Evaluation is primarily from a project portfolio. Students should have good attendance, be able to complete assignments on time and work in a fast-paced environment.
Prerequisite: Digital Filmmaking I or Animation. Digital Filmmaking II is highly suggested.
Seniors with instructor approval are also eligible.

Cooperative Work Experience (CWE)/Learning Through Interest (0815) Credit .5 to 1.0

This course provides the durable skills (communication, critical thinking, collaboration, resilience, self-awareness, leadership) required to be successful for career internships and/or work-based learning experiences; scheduled as either part of the school day and/or outside school hours. This class will prepare, assist to place, monitor, and assess student performance and growth in an Experiential Learning Opportunity to prepare the student for post-secondary success. The learning opportunities are guided based on a student's passion and skill set; however, it is ultimately the responsibility of the student to attain and retain employment to receive class credit. The amount of credit awarded will be determined by the number of hours worked (135 hours = 1 credit) as well as other program requirements. Students must interview and be recommended for the course by the program administrator where a student's academic record, disciplinary referrals, and attendance are considered. The students in this program represent the ELHS community and are not directly supervised by school personnel. The student must demonstrate a record of employability skills to help ensure a successful experience and maintain community partnerships.

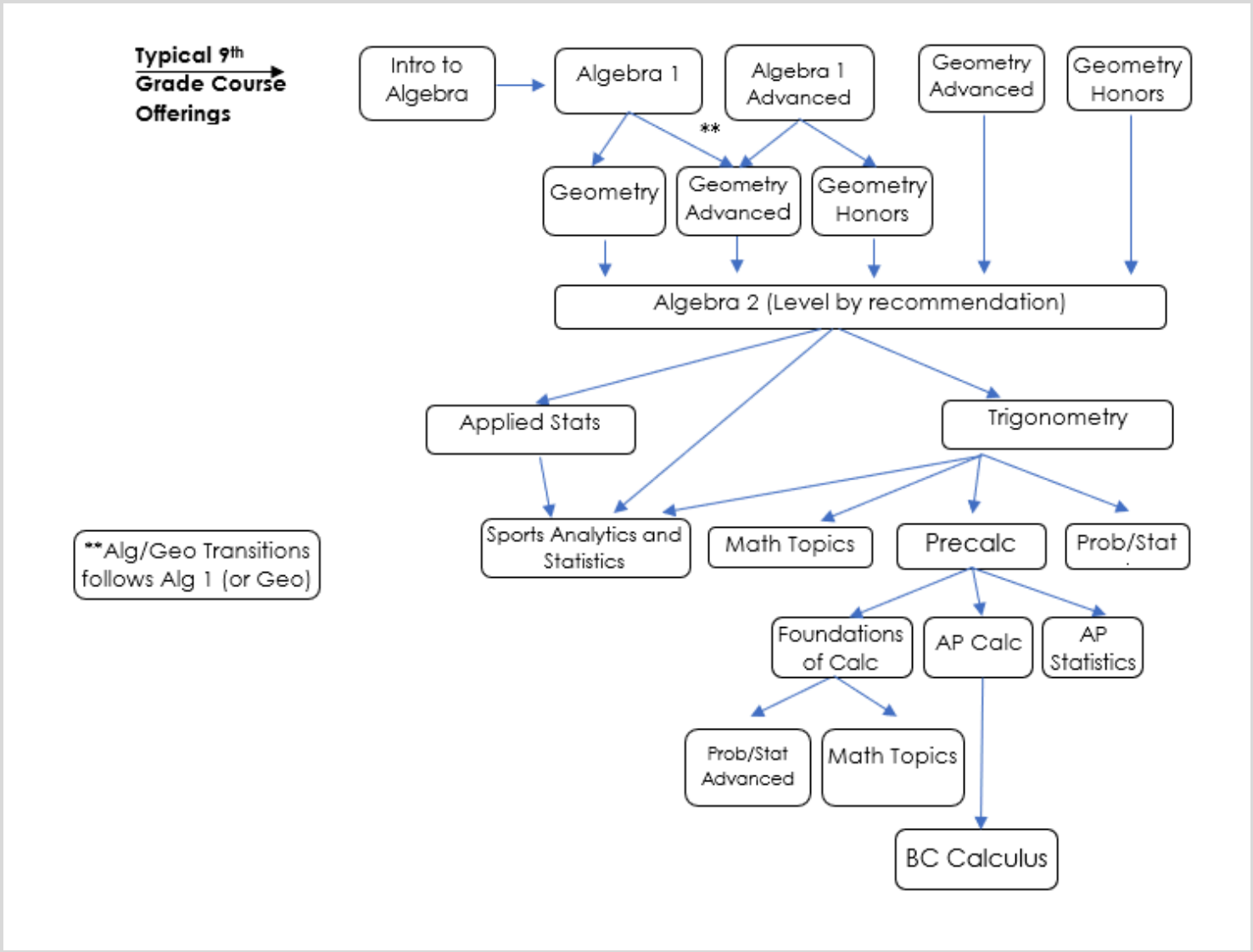
CWE enrollment is intended for grade 12; grade 11 students with permission from the instructor.

The class is offered for one semester, but eligible students may take the course semester 1 and semester 2.

MATHEMATICS

ELHS Mathematics Course Sequence

This is a general guideline for Math Course Sequence. Courses and levels are determined by teacher recommendation and completion of prerequisite.



Introduction to Algebra (0507) Credit 1.0
This course introduces the language of algebra and the fundamental algebraic concepts of evaluating expressions and solving linear equations. Fundamental skills such as fractions, decimals, proportions, percent, whole numbers, and integers are reviewed and practiced.
Prerequisite: Recommendation of grade 8 teacher and approval of the high school CIL.

Consumer Math (0517) Credit 1.0
This course investigates what it means to be a wise consumer. It is dedicated to the investigation and application of practical mathematical skills for everyday living. Topics discussed will include income, banking and credit, transportation, housing, taxes, insurance, investments, purchasing and budgeting. Open to juniors and seniors only.
Does NOT meet the graduation requirement for Personal Finance.
Prerequisite: Two credits earned in high school mathematics and teacher or high school CIL recommendation.

Algebra I Adv CCP (0508) Credit 1.0
In this course, the language of algebra is emphasized. Expressing, interpreting, and graphing linear functions, solving linear equations and systems of linear equations, and solving quadratic equations with multiple methods are major content goals. Real-life problems are used to investigate and understand concepts.
Prerequisite: Recommendation of grade 8 teacher and/or approval of the high school CIL. Recommended for students with a B or better in Pre-Algebra 2.

Algebra I CCP (0509) Credit 1.0
In this course, the language of algebra is emphasized. Expressing, interpreting, and graphing linear functions as well as solving linear equations and systems of linear equations are major content goals. Real-life problems are used to investigate and understand concepts.
Prerequisite: Recommendation of grade 8 teacher and/or approval of the high school CIL or Intro to Algebra.

Algebra/Geometry Transitions (0520) Credit 1.0
This is a course for students who have taken Algebra I and/or Geometry and need more reinforcement of key topics in Algebra I and/or Geometry prior to taking Algebra II. This course does not replace Algebra IA, Algebra IB, Geometry A or Geometry B.
Prerequisite: Algebra I

Geometry Honors (0522) Credit1.0
This course is a study of plane figures integrated with fundamental properties of geometric figures in three dimensions. An understanding of the deductive method, the need for precision of language, methods of coordinate geometry, and transformations are discussed. The relationships of triangles, similar polygons and circles are developed deductively along with areas of polygons and circles, and areas and volumes of solids. Emphasis is placed on abstract, deductive methods.
Prerequisite: B+ or better in Algebra I Grade 8 with the recommendation of the Middle School and the approval of the high school CIL.

Geometry Adv CCP (0523)Credit 1.0
This course is a study of plane figures integrated with fundamental properties of geometric figures in three dimensions. An understanding of the deductive method, the need for precision of language and methods of coordinate geometry are discussed. The relationships of triangles, similar polygons and circles are developed deductively along with areas of polygons and circles, and areas and volumes of solids.
Prerequisite: C or better in Algebra I Adv CCP or Teacher Recommendation.

Geometry CCP (0524) Credit 1.0
This course focuses on the key topics that provide a solid foundation in the essentials of geometry. The course includes the use of content specific language, study of plane and solid geometric figures, relationships of triangles, similarity, circles, and surface area and volume. Emphasis is also placed on interpreting and solving real-world applications.
Prerequisite: Algebra I.

Algebra II Honors (0510) Credit 1.0
This course is a rigorous continuation of Algebra I and reviews the properties of polynomials and rational expressions together with the solution of linear equations and inequalities in two variables. There is further exploration of quadratics. New concepts emphasize relations and functions, which include algebraic, exponential, rational and logarithmic types. Advanced topics on polynomial and quadratic functions are included.
Prerequisite: B or better in Geometry Honors or teacher recommendation.

Algebra II Adv CCP (0511) Credit 1.0(0511) Credit 1.0
This course is a continuation of Algebra I and reviews the properties of polynomials and rational expressions together with the solution of linear equations and inequalities in two variables. There is further exploration of quadratics. New concepts emphasize relations and functions, which include algebraic, exponential, and logarithmic types. The advanced topic of polynomial functions is also included.
Prerequisite: C or better in Algebra I Adv CCP and Geometry Adv CCP or Teacher Recommendation.

Algebra II CCP (0512) Credit 1.0
This course is a continuation of Algebra I. Students work with situations that involve quantities with variables in expressions, equations, and inequalities. There is further exploration of quadratics. New concepts include polynomials, exponentials, and logarithmic functions and rationals.
Prerequisite: Geometry or Teacher Recommendation.

Trigonometry Honors (0530) Credit .5
This course is a rigorous study of trigonometric functions and their graphs. The solutions of triangles, trigonometric proofs, modeling with sinusoids, and vectors are other topics of importance. Trigonometric proofs are stressed. This course requires great skill in algebraic manipulations and makes extensive daily use of the graphing calculators to explore more rigorous concepts.
Prerequisite: B+ or better in Algebra II Honors and teacher recommendation.

Trigonometry Adv CCP (0531) Credit .5
This course investigates trigonometric functions and their graphs. The solutions of triangles, modeling with sinusoidal graphs, and vectors are other topics of importance.
Prerequisite: C or better in Algebra II Adv CCP, B+ or better in Algebra II CCP, or Teacher Recommendation.

Math Topics (0543) Credit.5
This second semester course for students in Grade 12 explores various topics in contemporary mathematics. Topics include methods of voting, fair division, Euler and Hamilton Circuits, Spanning Trees, and project digraphs.

Precalculus Honors (0535) Credit .5
This course offers a solid foundation in linear, quadratic, exponential, logarithmic, polynomial, and rational functions. Multiple representations and proofs are explored throughout. Advanced topics include networks and vectors. This course is excellent preparation for Calculus and Linear Algebra. The course requires knowledge of algebraic and trigonometric concepts and manipulation of complicated equations.
Prerequisite: B or better in Trigonometry Honors and B+ or better in Algebra II Honors, or Teacher Recommendation.

Precalculus Adv CCP (0536) Credit .5
This course investigates linear, quadratic, exponential and logarithmic functions along with analysis of polynomial and rational functions. This course provides a solid foundation for Calculus and Linear Algebra.
Prerequisite: C or better in Algebra 2 Adv CCP or teacher recommendation and completion of Trigonometry.

AP Statistics (0540) Credit 1.0
This AP course in Statistics introduces the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Four broad conceptual themes are covered: a) Exploring Data: Describing patterns and departures from patterns; b) Sampling and Experimentation: Planning and conducting a study; c) Anticipating Patterns: Exploring random phenomena using probability and simulation; and d) Statistical Inference: Estimating population parameters and testing hypotheses. Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college Statistics course. This course requires a TI-83 or TI-84 graphing calculator.
Students are required to take the AP exam in May in place of a final exam.
AP test fee paid by students.
Prerequisite: Algebra II Adv CCP or Teacher Recommendation.

Probability/Statistics Adv CCP (0542) Credit.5
This course is intended for students in grade 12. Students apply their algebraic skills to statistical methods. Basic ideas of probability, describing both numerical and categorical data, random variables, binomial and normal distributions, the central limit theorem, and inferential statistics are studied. This course requires a TI -83 or TI-84 graphing calculator.
Prerequisite: Algebra II Adv CCP or Teacher Recommendation.

Applied Statistics (0541) Credit .5
This is a course for students in Grade 12 which explores methods of descriptive statistics, data collection, and introductory probability as a foundation to statistical procedures and applications.
Prerequisite: Algebra II or teacher recommendation.

Sports Analytics and Statistics (0545) Credit .5
Sports Analytics and Statistics is an elective math course for students in grade 12 designed for those interested in the intersection of mathematics and athletics. This course delves into the use of data and quantitative methods to assess performance and inform strategic decisions, ultimately providing a competitive edge in the sports industry. Throughout the course, students will master classic statistical techniques, utilize mathematical concepts to investigate critical topics such as in-game strategies, player performance metrics, talent acquisition, and operational efficiency, and explore diverse sports analytics from various sports, including but not limited to baseball, basketball, football, golf, hockey, and soccer.
Prerequisite: Algebra II

Foundations of Calculus I Adv CCP (0537) Credit .5

This course is intended for students in grade 12 as a transition to Calculus. The concepts of limits, continuity and differentiability will be introduced in this course. Connections between derivatives and rates of change will be emphasized. The relationship between a function and the first and second derivative will be studied. Applications will include related rates and optimization.

Prerequisite: C+ or Better in Trigonometry and Pre-Calculus

Foundations of Calculus II Honors (0544) Credit .5

This course is intended for students in grade 12 who wish to continue their study of Calculus. The course will cover the end of Calculus 1 and beginning of Calculus 2 topics. The concept of integration will be introduced in this course. Connections between integration and accumulation will be emphasized. Differential equations topics will include separation of variables, Euler's method, and slope fields. Applications will include average value, area, and volumes of 3 dimensional shapes with a common cross section, as well as connections to various physics topics.

Prerequisite: Foundations of Calculus Honors I

AP Calculus (0538) Credit 1.0

This course is a college level, first year course Calculus with emphasis on functions of one variable. The concepts of limits, differentiation and integration are introduced. Applications of both the derivative and the integral will be studied throughout the course. The connection between the derivative and the definite integral will be studied as outlined in the Fundamental Theorem of Calculus. Advanced topics include areas under a curve volume of solids with known cross sections, differential equations and slope fields. This course requires a TI-89 calculator. This course qualifies for advanced placement.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

Prerequisite: B or better in Trigonometry Honors and Pre-Calculus Honors or recommendation of the current math instructor.

AP Calculus BC (0539) Credit 1.0

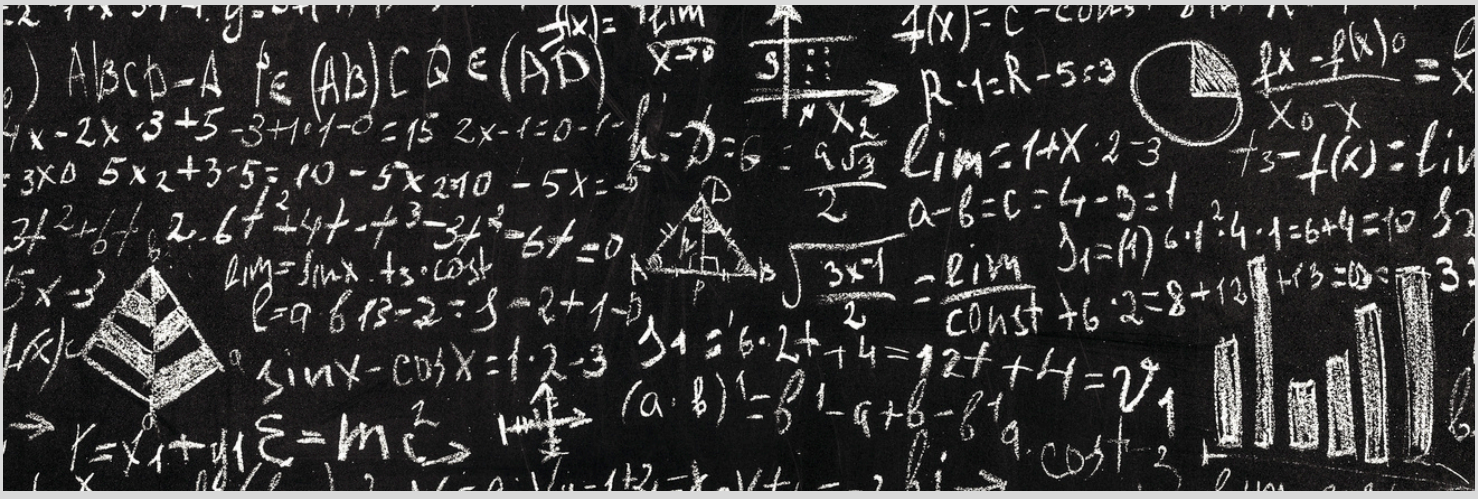
This course is a full year college level course in Calculus designed for those students who have successfully completed AP Calculus (0538) and have passed the Advanced Placement Exam in Mathematics. The topics will include a further investigation of those covered in the AP Calculus (0538) syllabus as well as the additional topics required for the BC Advanced Placement Exam in Mathematics. Advanced topics will include the analysis of planar curves including those given in parametric, polar and vector form, applications of differential equations and advanced techniques of integration. Polynomial approximations to transcendental functions and the convergence or divergence of the resulting series (Taylor or Maclaurin) will conclude the advanced topics.

This course qualifies for Advanced Placement. This course requires a TI-89 calculator.

Students are required to take the AP exam in May in place of a final exam.

AP test fee paid by students.

Prerequisite: A grade of 3 or better on the Advanced Placement exam AP CALCULUS.




HEALTH
TRAINING
RELAXATION
HAPPINESS
LIFESTYLE
WELLBEING
ATHLETE
MOTION
FIT
ENJOYMENT
RELAXED
SPORT
RUNNING
ACTIVITY
MEDICAL
HEALTHY
MAINTENANCE
ENVIRONMENT
DIET
EVERYDAY
EXERCISE
DIETING
MIND
FITNESS
GYM
HEALTHCARE
MAINTENANCE
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SELF-CARE
FIT
HAPPY
INFORMATION
HEALTHY
CHEERFUL
NATURE
ENERGY
ACTIVITY
MUSCLE
LIVING
POSITIVE
BODY
ENJOYMENT
SCIENCE
LIFESTYLE
HEALTHY
PHYSICAL
MENTAL
FIT
ATHLETE
ENERGY
MEDICAL
SPORT
NUTRITION
HYGIE
CARE
HEALTHCARE

WELLNESS



Freshman Wellness/Health I (0401) Credit .5
This semester course is part of a comprehensive, healthy, and balanced living education program. Freshman Wellness is designed to provide a transition for students from middle school to high school and to help educate and motivate them to voluntarily take an active role in developing positive life-style goals. These goals serve to promote and enhance lifelong wellness. Freshman Wellness will be implemented with guest speakers, lectures, tests, projects, discussions, audio-visuals, group activities, and oral presentations. Topics will include but are not limited to; mental health, tobacco, alcohol & other drugs, family life & sexuality, personal & consumer health, nutrition, community & environmental health, injury prevention, career planning, study skills & test taking and conflict resolution.

Freshman Physical Education (0404) Credit .5
This semester course is part of a comprehensive, healthy, and balanced living education program. Freshman P.E. will provide the students with the opportunity to develop skills and knowledge that promote lifetime health and wellness. Students will participate in individual activities, cooperative games/activities, and team sports as well as physical fitness training. This course may include but is not limited to the following activities: Fitness Center, basic water safety and CPR, tennis, softball, volleyball, ultimate Frisbee, flag football, basketball, hockey, badminton, Project Adventure activities and cooperative games.
Students in Grade 9 will be required to complete the State mandated fitness test.
A fee may be required for optional field trips.

REQUIREMENTS/ELECTIVES FOR GRADES 10, 11, AND 12

Each student must complete 2 physical education/health requirements/electives for graduation. They can choose to take them in their sophomore, junior or senior year. All elective courses will include state-required health education units. Topics include but are not limited to; substance abuse, mental health, sex education, nutrition, CPR and First Aid.

All P.E. Electives will be .25 P.E. credits and .25 Health credits to meet the state requirements.

Conditioning (0110) Credit .25 P.E., .25 Health
This course will help the student understand the importance of daily physical activity. The student will learn specific training principles using the five components of fitness. In addition, the student will develop a personalized training routine pertaining to personal goals and specific sports activities. Free weights, Selectorized machines, TRX Bands and stability ball training will help the students to achieve their goals.

Early Bird Physical Education (0423) Credit .25 P.E., .25 Health
This course meets before school from 6:30 to 7:15 Monday through Thursday. Students will learn specific training principles using all different types of equipment. In addition, the student will develop a personalized training routine pertaining to personal goals or specific sports activities. The individualized workout program will be developed during the first few weeks of class, then completed and tracked throughout the semester. This course is designed to provide the student with more flexibility in his/her schedule while also fulfilling the PE graduation requirement.

Lifetime Fitness (0115) Credit .25 P.E., .25 Health
This course will be geared towards lifetime physical activities that promote physical and mental wellness. Students are provided with the opportunity to develop skills and knowledge in individual and small group activities that can be performed throughout a lifetime. This course may include, but is not limited to, the following activities: nutrition, body image, mental health, ZUMBA, tennis, water aerobics, yoga, Pilates, bowling, body sculpting, step aerobics, dance, badminton, hiking, self-defense, golf, circuit training, weight room training, TRX, spinning, ice skating, ropes course, archery, and paddle boarding.
A fee may be required for optional field trips.
This course may also require extra time outside of the regularly scheduled block.

Adventure PE (0121) Credit .25 P.E., .25 Health
This outdoor wellness course is based upon the Project Adventure (ROPES Course) curriculum, emphasizing team building, trust, cooperation, individual growth, and lifetime wellness. Most of the course is spent outdoors on climbing elements and teambuilding, and may include, but is not limited to, the following activities: survival skills, letterboxing, knot tying skills, hiking, snowshoeing, and archery. Health topics may include but are not limited to first aid, nutrition, substance abuse, and injury prevention.
A fee may be required for optional field trips such as ice skating or an adventure park.
This course may also require extra time outside of the regularly scheduled block.

Team Sports (0125) Credit .25 P.E., .25 Health
This course is designed to teach and motivate students about fitness, teamwork, fair play, and sportsmanship. Team Sports reinforces the concept of incorporating physical activity into a students' healthy lifestyle. The focus for this class is on student participation and effort, and students are graded accordingly based on their effort in each class. Students are expected to have appropriate attire to participate in numerous sports activities consisting of, but not limited to, basketball, flag football, softball, floor hockey, water polo, volleyball, and handball.

Adaptive Physical Education (0431) Credit .25 P.E., .25 Health
This course provides students with the opportunity to develop skills and knowledge of team sports and individual activities. Activities may include ropes courses, basketball, soccer, handball, swimming, dance, fitness center, yoga, flag football, softball, hiking, and cooperative activities.
A written component is required.

Special Needs Aide (0430) Credit .25 P.E., .25 Health
This course provides students with the opportunity to work directly with students who have special needs. Leadership skills, providing encouragement and support during physical education classes are emphasized. Activities may include ropes courses, basketball, soccer, handball, swimming, dance, fitness center, yoga, Zumba, flag football, softball, hiking, and cooperative activities.
A written component is required.
A fee may be required for optional field trips.
Prerequisite: Permission of Instructor.
Grade 12 only.

WORLD LANGUAGES



The World Languages and Cultures Department offers Levels I-IV of French, German and Spanish. Additionally, French and Spanish offer a fifth year of study. Research from the American Council on the Teaching of Foreign Languages (ACTFL) website indicates, “Bilingualism can lead to higher levels of metalinguistic awareness and cognitive ability. In general, (studies) point to the benefits to children of all language backgrounds of learning and maintaining two languages.” We are proud to offer the Seal of Biliteracy for seniors who achieve a passing grade in their English class and who reach a proficiency rating of Intermediate Mid or higher on a proficiency exam in another world language. Courses focus on performance of and proficiency in the target language, through the three modes of communication – interpersonal, interpretive, and presentational – all through the lens of the culture(s) in the communities and countries that speak these languages.

Exploring World Languages and Cultures (0360) Credit 1.0
Students will have the opportunity to explore various cultures of the world and will be introduced to language learning. Class projects will emphasize English literacy skills and cultural competency. This course is designed for students who would benefit from foundational literacy skills before their Level I World Language course. In some circumstances, this course can be repeated for credit.
Prerequisite: Recommendation by teacher or school counselor.

FRENCH



French 1 - Adv CCP (0300) or CCP (0301) Credit 1.0
Welcome to the French language and the Francophone community! Listening, reading, writing, and speaking activities help students progress within the Novice proficiency range while exploring questions such as: Who are you? Who are your new classmates? What do I like? What do my friends like? What do my friends and I do in our free time? How do I navigate my community and my world?

French 2 - Honors (0302), Adv CCP (0303) or CCP (0304) Credit 1.0
Students in French 2 will continue the study of the French language and Francophone communities. Listening, reading, writing, and speaking activities help students progress within the Novice/Intermediate proficiency range while exploring questions such as: What is our learning community, who is in it, and what other communities do we belong to? How do geography and history influence modern life? How do we respectfully examine cultural differences through music, art, food, and travel?

French 3 - Honors (0305), Adv CCP (0306) or CCP (0307) Credit 1.0
Students in French 3 will further their study of the French language and Francophone cultures. Listening, reading, writing, and speaking activities help students progress within the Intermediate proficiency range while exploring questions such as: How does housing reflect a community and its values? What makes a community feel like home? How has technology changed the world I live in? How do I retell important stories and events? How do different cultures interact with the environment?

French 4 - Honors (0308), Adv CCP (0309) or CCP (0310) Credit 1.0
Students in French 4 will further explore the complexities of the French language and Francophone cultures. Listening, reading, writing, and speaking activities help students progress within the Intermediate proficiency range while exploring questions such as: What do people value/find important? How do we make decisions? What are the limits, if any, of freedom of speech? How do stereotypes influence how we look at and understand the world? What does it mean to be invisible? How does art (literature, music, film, architecture, etc.) shape our world? How can art (literature, music, film, architecture, etc.) serve as a vehicle for social change? How do heroes and other influential people affect our view of the world?

French 5/UCONN ECE FR 3250 & FR 3268 (Early College Experience) (0311) Credit1.0
This is a college course offered through the University of Connecticut.
Students will enroll in two courses: Global Culture I (fall) and Grammar and Composition (spring). The courses are designed to increase students' oral and written proficiency within the Intermediate range as they interact with authentic resources from the rich cultures of the French-speaking world.
Students will have the opportunity to take the AAPPL exam to earn the Seal of Biliteracy in French. It is the student's responsibility to apply to the ECE program, enroll in the courses, and pay the associated fees.
This class is capped at 25.
Prerequisite: Successful completion of French 4 Honors or French 4 Adv CCP and teacher recommendation.



GERMAN

German 1 Adv CCP (0321) Credit 1.0
Welcome to the German language and the German-speaking community! Listening, reading, writing, and speaking activities help students progress within the Novice proficiency range while exploring questions such as: Who are you? Who are your new classmates? What do I like? What do my friends like? What do my friends and I do in our free time? How do I navigate my community and my world?

German 2 - Honors (0323) or Adv CCP (0324) Credit 1.0
Students in German 2 will continue studying the German language and the culture of the German-speaking world. Listening, reading, writing, and speaking activities help students progress within the Novice/Intermediate proficiency range while exploring questions such as: What is our learning community, who is in it, and what other communities do we belong to? How do geography and history influence modern life? How do we respectfully examine cultural differences through music, art, food, and travel?

German 3- Honors (0325) or Adv CCP (0326) Credit 1.0
Students in German 3 will further their study of the German language and the culture of the German-speaking world. Listening, reading, writing, and speaking activities help students progress within the Intermediate proficiency range while exploring questions such as: How does housing reflect a community and its values? What makes a community feel like home? How has technology changed the world that I live in? How do I retell important stories and events? How do different cultures interact with the environment?

German 4 - Honors (0327) or Adv CCP (0328) Credit 1.0
Students in German 4 will further explore the complexities of the German language and culture. Listening, reading, writing, and speaking activities help students progress within the Intermediate proficiency range while exploring questions such as: What do people value/find important? How do we make decisions? What are the limits, if any, of freedom of speech? How do stereotypes influence how we look at and understand the world? What does it mean to be invisible? How does art (literature, music, film, architecture, etc.) shape our world? How can art (literature, music, film, architecture, etc.) serve as a vehicle for social change? How do heroes and other influential people affect our view of the world?

German 4/UCONN ECE GERM 3233 & GERM 3255 (Early College Experience) (0329) Credit 1.0
This is a college course offered in partnership with the University of Connecticut. Upon successful completion of the year, students will earn college credit for two UConn courses: Building Language Through Culture I (fall) and Studies in 20th Century German Literature (spring). The courses are designed to develop students' oral and written skills within the Intermediate proficiency range using authentic resources from the German- speaking world.
Students will have the opportunity to take the AAPPL exam to earn the Seal of Biliteracy in German.
It is the student's responsibility to apply to the ECE program, enroll in the courses, and pay the associated fees.
This class is capped at 25.
Prerequisite: Successful completion of German 3 Honors or German 3 Adv CCP and teacher recommendation.

SPANISH



Spanish 1 - Adv CCP (0330) or CCP (0331) Credit1.0
Welcome to the Spanish language and the Spanish-speaking community! Listening, reading, writing, and speaking activities help students progress within the Novice proficiency range while exploring questions such as: Who are you? Who are your new classmates? What do I like? What do my friends like? What do my friends and I do in our free time? How do I navigate my community and my world?

Spanish 2 - Honors (0333), Adv CCP (0334) or CCP (0335) Credit1.0
Students in Spanish 2 will continue the study of the Spanish language and cultures of the Spanish-speaking world. Listening, reading, writing, and speaking activities help students progress within the Novice/Intermediate proficiency range while exploring questions such as: What is our learning community, who is in it, and what other communities do we belong to? How do geography and history influence modern life? How do we respectfully examine cultural differences through music, art, food, and travel?

Spanish 3 - Honors (0337), Adv CCP (0338) or CCP (0339) Credit 1.0
Students in Spanish 3 will further their study of the Spanish language and cultures of the Spanish-speaking world. Listening, reading, writing, and speaking activities help students to progress within the Intermediate proficiency range while exploring questions such as: How does housing reflect a community and its values? What makes a community feel like home? How has technology changed the world that I live in? How do I retell important stories and events? How do different cultures interact with the environment?

Spanish 4 - Honors (0341), Adv CCP (0342) or CCP (0343) Credit1.0
Students in Spanish 4 will further explore the complexities of the Spanish language and cultures of the Spanish- speaking world. Listening, reading, writing, and speaking activities help students progress within the Intermediate proficiency range while exploring questions such as: What do people value/find important? How do we make decisions? What are the limits, if any, of freedom of speech? How do stereotypes influence how we look at and understand the world? What does it mean to be invisible? How does art (literature, music, film, architecture, etc.) shape our world? How can art (literature, music, film, architecture, etc.) serve as a vehicle for social change? How do heroes and other influential people affect our view of the world?

Spanish 5/UCONN ECE SPAN 3178 & SPAN 3179 (Early College Experience) (0344) Credit 1.0
This is a college course offered through the University of Connecticut. Students will enroll in two courses: Intermediate Spanish Composition (fall) and Spanish Conversation: Cultural Topics (spring). The courses are designed to increase students' oral and written proficiency within the Intermediate proficiency range as they interact with authentic resources from the rich cultures of the Spanish-speaking world.
Students will have the opportunity to take the AAPPL exam to earn the Seal of Biliteracy in Spanish. It is the student's responsibility to apply to the ECE program, enroll in the courses, and pay the associated fees.
This class is capped at 25.
Prerequisite: Successful completion of Spanish 4 Honors or Spanish 4 Adv CCP and teacher recommendation.

Composition & Reading for Spanish Speakers/UConn ECE SPAN 3177
(Early College Experience) (0361) Credit 1.0

This college-level course is offered through the University of Connecticut. Students will enroll in Span 3177: Composition & Reading for Spanish Speakers and, upon successful completion, will earn 3 college credits from UConn. Designed for heritage speakers of Spanish, the course strengthens reading and writing proficiency through authentic texts from the Spanish-speaking world. Students review grammar and develop academic writing skills, with an emphasis on Puerto Rican literature and cultural perspectives.

Students will have the opportunity to take the AAPPL exam to earn the Seal of Biliteracy in Spanish.

It is the student's responsibility to apply to the ECE program, enroll in the course, and pay the associated fees. This class is capped at 25.

Prerequisite: Successful completion of Spanish 3 Honors or Spanish 3 Adv CCP and teacher recommendation.

Introduction to Latin America and the Caribbean/UConn ECE LLAS 1190
(Early College Experience) (0366) Credit 1.0

Multidisciplinary exploration of the historical development of such aspects of Latin America and the Caribbean as colonization and nation formation; geography and the environment; immigration and migration; race, ethnicity, and gender in society, politics, economy, and culture.

This class counts as a World Languages & Cultures elective and cannot be used to satisfy the 2-credit world language requirement.

It is the student's responsibility to apply to the ECE program, enroll in the courses, and pay the associated fees.

Prerequisite: Junior or Senior, successful completion of two years of Spanish, and/or teacher recommendation.





COLLEGE & CAREER EXPLORATION



ADVANCED PLACEMENT PROGRAM

East Lyme High School is proud to participate in the College Board's Advanced Placement (AP) Program, a program that offers students the opportunity to complete college-level studies during high school. The primary goals of the AP program are to strengthen the secondary experience of students who are ready for college-level work and to provide administrative support for granting credit or placement to those students in their freshman year of college.

East Lyme High School encourages students to challenge their expectations in all academic areas. Advanced Placement courses are a tangible way for students to meet their higher educational goals. Advanced Placement courses are student self-selected. While teachers will recommend students for these courses, the final decision remains with students, and their parents provided the student has passed prerequisites for the course. A non- recommended course requires an override form.

The College Board maintains that the full experience includes the AP exam in each course. To meet that standard, East Lyme High School will award AP credit only to students completing the course and the AP exam. The cost of the exam is the student's responsibility. A contract outlining the AP policy and costs, signed by the student and parent, will be sent home prior to the start of the course.

Students should expect summer readings prior to the start of an AP course. East Lyme High School believes that the level of commitment to AP demands a tremendous amount of work from students. In order to keep the best interests of the students' paramount, it is the usual policy that students should not take more than three AP courses in one academic year, with a max of four AP courses. For more than four AP courses in one year, principal permission is required.

It should also be noted that the AP program benefits extend far beyond the direct outcomes of the primary goals. In giving students an opportunity to experience the academic rigors of college, AP inspires confidence, a sense of responsibility and self-reliance, and provides an academic bridge to ease the transition from secondary school to college.

East Lyme High School offers a wide range of Advanced Placement courses. In terms of AP exams offered at ELHS each spring, the only exams offered and proctored are the exams associated with the AP courses provided during the current school year. The exam only option, for students who wish to self-study for an AP exam, is not offered at ELHS. ELHS does not proctor exams for students who are not currently enrolled at East Lyme High School.

American Government	Computer Science	Music Theory	Seminar
Biology	Environmental Science	Physics 1 with ECE option	Statistics
Calculus	Language & Composition	Physics 2 with ECE option	Studio Art
Calculus BC	Literature & Composition	Psychology	U.S. History
Chemistry	Mobile Computer Science Principles	Research	World History

Students who drop an AP course will not be allowed to take the AP exam in that subject area. A revised copy of the grade 12 transcript and accompanying letter will be sent to their prospective colleges.

Dropping the class after quarter 1 may result in a WF. Waiving the WF requires teacher and administrative approval; the Course Change form must be completed and signed.

CAREER CONCENTRATIONS 2026-2027

What are Career Concentrations?

Career Concentrations at East Lyme High School allow students who are interested in a particular career path to receive a certificate of accomplishment for successfully completing courses that help prepare them for a related career field.

Successful completion of a Career Concentration is also recorded on the student's official transcript.

Why Career Concentrations?

- Learn more about an area to see if you like it!
- Build your resume and help potential employers or admissions representatives understand the depth of your interest.
- Be better prepared to enter a career.
- Be better prepared for courses at a technical school or college.

Program Requirements

Each concentration has a minimum credit requirement that consists of both required courses and elective courses.

Students must:

- Take the correct sequence of courses as outlined below.
- Earn a 'C' or better in each concentration class. Grades are checked at the end of Quarter3.
- Complete the application on Google Classroom in your **senior year** (code: v6cf64c) - *please do NOT enter the Google Classroom until your senior year.*

For more information, see your school counselor or talk to a classroom teacher in one of the concentrations.

Career Concentrations & Requirements

Allied Health - 4 credits

Required: Emergency Medical Technician/UCONN ECE OR Human Anatomy & Physiology Honors OR Medical Terminology/UCONN ECE **AND** Human Development/UCONN ECE

Electives: Principles of Public Speaking/UCONN ECE, Probability/Statistics or AP Statistics, Psychology or AP Psychology, Biotechnology, Sociology, Lifetime Fitness, Accounting, English 12/UCONN ECE ENGL 1004, English 12/UCONN ECE ENGL 1007, AP Language, Special Needs Aide, Concentration specific LTI/CWE*

Careers: Dental Hygienist, Dietitian, Occupational Therapist, Physical Therapist, EMT

Broadcasting - 3 credits

Required: Digital Filmmaking I, Digital Filmmaking II, TV Broadcast News, Principles of Public Speaking/UCONN ECE

Electives: Animation, Digital Filmmaking Honors, Theater Appreciation, Journalism, Concentration specific LTI/CWE*

Careers: Reporter, News Anchor, Production Engineer, Video Editor

Business - 3 credits

Required: Accounting I, Business Management, Entrepreneurship: Passion to Profit

Electives: It's the Law I, Web Design, Principles of Public Speaking/UCONN ECE, Economics, Financial Literacy, Concentration specific LTI/CWE*

Careers: Accountant, Market Analyst, Financial Analyst, Human Resources Director

Computer Science - 3 credits

Required: Exploring Computer Science I, AP Mobile Computer Science Principles or AP Computer Science A Java

Electives: AP Mobile Computer Science Principles or AP Computer Science A Java (if not used as a required class), Computer Programming Honors, Animation, Web Design, Gaming Concepts, C.A.D. (I or II), Digital Filmmaking, Photoshop, Digital Photography, Yearbook, Concentration specific LTI/CWE*

Careers: Software Developer, Computer Programmer, Web Designer

Education - 3 credits

Required: Birth to 3 Playgroup, Preschool Laboratory 1, Preschool Laboratory 2/CSCC ECE, Human Development/UCONN ECE

Electives: Psychology, Sociology, Child Aide, Child Development Laboratory Aide, Principles of Public Speaking/UCONN ECE, Special Needs Aide, If You Love It, Teach It. Concentration Specific LTI/CWE*

Careers: Teacher, School Psychologist, School Counselor, Administrator, Paraprofessional

Hospitality - 3 credits

Required: Culinary Arts I, Culinary Arts II, Catering & Hospitality Honors, Baking & Pastry Arts

Electives: Accounting, Economics, Entrepreneurship: Passion to Profit, Principles of Public Speaking/UCONN ECE, Foods Aide, Concentration specific LTI/CWE*

Careers: Restaurant Manager, Fitness Instructor, Caterer, Event Planner

International Studies - 4 credits

Required: 3 credits of a World Language (completing Level 4 or 5)

Electives: Introduction to Latin America and the Caribbean/UCONN ECE, AP World History, Issues of the Day, Human Rights, Principles of Public Speaking/UCONN ECE, AP Environmental, Introduction to Latin America and the Caribbean ECE, AP Seminar, Concentration specific LTI/CWE*

Careers: Political Analyst, Attorney, Immigration Officer, Mediator

Manufacturing - 4 credits

Required: C.A.D. I, Introduction to Woodworking, Pre-Engineering, Algebra II

Electives: C.A.D. II, Introduction to 3D Design, Exploring Computer Science I, Engineering, Applied Mechanics/UCONN ECE, Jewelry and Metals I, Jewelry and Metals II, Concentration specific LTI/CWE*

Careers: Machine Operator, Process Engineer, Production Engineer, Supply Chain

Performing Arts - 4 credits

Required: 3 years of one performance ensemble area (band, orchestra, or chorus)

Electives: Music Theory Fundamentals, AP Music Theory, Digital Piano, Guitar, Music Tech, Theater Appreciation, Principles of Public Speaking/UCONN ECE, Different Performance Ensemble, Concentration specific LTI/CWE*

Careers: Actor, Musician, Dancer, Music Therapist, Screenwriter, Singer

Print/Digital Communications - 3 credits

Required: Journalism I or Creative Writing I, Introduction to Graphics, Principles of Public Speaking/UCONN ECE

Electives: Yearbook, Journalism II, Print Journalism (III, IV), Photoshop, Digital Photography, Web Design, Animation, Creative Writing II/ECSU ECE, Graphics Honors, AP Seminar, Concentration specific LTI/CWE*

Careers: Content Manager, Reporter, Social Media Manager, Copywriter, Editor

Public Safety - 3.5 credits

Required: It's the Law I, Psychology or AP Psychology, Sociology, Conditioning or Early Bird Physical Education, Human Rights, or Issues of the Day

Electives: AP United States Government and Politics, Forensic Science, Emergency Medical Technician/UCONN ECE, Principles of Public Speaking/UCONN ECE, Human Development/UCONN ECE, African American/Black and Puerto Rican/Latino Studies, Human Rights or Issus of the Day (if not taken as a required class), English 12/UCONN ECE ENGL 1004, English 12/UCONN ECE ENGL 1007, AP Language, Concentration specific LTI/CWE*

Careers: Police Officer, Dispatcher, Corrections Officer, Attorney, Security Guard

STEM - 4 credits

Required: 1 credit in Physics, 1 credit in Algebra II, 1 credit in C.A.D. I/C.A.D. II, Pre-Engineering or Engineering

Electives: Accounting, AP Mobile Computer Science Principles, Exploring Computer Science I, Biotechnology, C.A.D. I/C.A.D. II, Pre-engineering, Engineering, Applied Mechanics/UCONN ECE, Concentration-related WISE project

Careers: Physician, Nurse, Engineer, Actuary, Statistician, Scientist

Visual Arts - 3 credits

Required: 2D Art I, 2D Art II

Electives: Crafts I or II, Ceramics I or II, Advanced Art & Portfolio Development, AP Studio Art, Introduction to Graphics, Graphics Honors, Jewelry and Metals I, Jewelry and Metals II, 3D Art I, 3D Art II, Concentration specific LTI/CWE*

Careers: Graphic Designer, Photographer, Illustrator, Animator, Architect

World Languages and Cultures - 4 credits

Required: 3 consecutive years of a primary world language (French, German, or Spanish)

Electives: 1 year of a second World Language -- French, German, or Spanish **OR** Intermediate Mid/I3 Proficiency of a separate world language as demonstrated on the 4 sections of the AAPPL exam or a 3 or higher on an AP exam

Careers: Translator, Social Worker, Teacher, Diplomat, Politician

***LTI/CWE - Learning through Interest/Cooperative Work Experience as approved by school counselor and cooperating teacher.**

Please note that not all courses are offered every year.



COLLEGE PARTNERSHIP PROGRAMS

East Lyme High School, in partnership with other schools and colleges, offers students the opportunity to earn college credits by taking high school courses. Details about courses that are part of the partnership programs will be made available by the classroom teacher where appropriate. Potential partnership programs include UConn Early College Experience (ECE), Eastern Connecticut Early College Experience (ECE), College Career Pathway (CCP) program with CT State Community College, the Three Rivers High School Partnership Program, and the New London Scholars Program (Connecticut College).

University of Connecticut - Early College Experience (ECE) UConn Early College Experience provides academically motivated students the opportunity to take university courses while still in high school. These challenging courses allow students to preview college work, build confidence in their readiness for college, and earn college credits that provide both an academic and financial head start toward a college degree. UConn ECE instructors are high school teachers, certified as adjunct professors by UCONN. UConn ECE courses are considered dual enrollment courses and foster independent learning, creativity, and critical thinking –all important for success in college. East Lyme High School offers UConn ECE courses in English, Math, Science, World Language, Fine Art, and CTE. To support rigorous learning, the University of Connecticut offers academics resources, including library and online classroom access to all UCONN ECE students. UConn ECE students must successfully complete the course with a grade of C or better to receive university credit on a UConn transcript. University credits are transferable to many colleges and universities. For a complete list of transfer options, navigate to:

Eceapps.uconn.edu/credit_transfer_database/

*Students are charged a nominal per credit fee. For complete program information visit: www.ece.uconn.edu.

*Students are charged a nominal per credit fee for Eastern Connecticut Early College Experience courses.

College Career Pathways (CCP) This dual enrollment program sponsored through the Connecticut State Department of Education and CT State Community College, allows East Lyme students in grades 9-12 the opportunity to earn college credit while enrolled in courses at the high school at no cost. These courses are taught by high school teachers who have been approved as adjunct instructors by CT State Community College. Upon graduation, students can request an official CT State transcript to be sent to their attending college. Students are under no obligation to attend CT State Community College.

Three Rivers High School Partnership Program Currently available for eligible high school juniors and seniors who wish to study subjects not offered in high school. Eligible students will attend classes at the CT State Community College Three Rivers campus and will be funded for one college course per semester on a space available basis. Special fees may apply and are the student's responsibility. Each high school has a limited amount of space available.

New London Scholars Program (Connecticut College) Nominated seniors may enroll at Connecticut College in an entry level academic course. Upon completion, students can obtain a college transcript from Connecticut College at no cost.

UCONN ECE
EST. 1955
NATION'S FIRST
EARLY COLLEGE EXPERIENCE

CONNECTICUT COLLEGE

CT STATE
COMMUNITY COLLEGE
Three Rivers

PATHWAYS PROGRAM

The East Lyme High School Pathways Program is not a single entity; the programming involves a variety of components.

The goals of the Pathways Program at ELHS are to advance student learning with community-based experiences, increase capacity in the Career and Technical Education programming, and support students in their post-secondary learning and career choices.

If you would like further information or have any questions, please contact David Fasulo at david.fasulo@elpsk12.org.





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