

# TRUMBULL HIGH SCHOOL

## COURSE SELECTION PROCESS

The course selection process has been established to provide opportunity for student goals and school goals to be achieved efficiently and effectively. Trumbull High School course selection is based on a highly developed and traditional criteria established by departments supporting the notion that prior demonstrated skills and knowledge afford a student the best possible match for upcoming coursework. Prerequisite work, feedback and recommendations are always considered in supporting course selection for the future.

- I. Program of Studies Booklet Distribution – January
  - Student and parents have opportunity to review course offerings and Prerequisite.
  
- II. Teacher Recommendation Day – February
  - Students receive Course Selection Form in homeroom.
  - Students use form to write out course requests for following school year.
  - Teachers acknowledge each course selected on form. Recommendation is based on current student performance.
  - Teachers discuss offerings by their department with their students.
  - Student brings form home to discuss selection of courses. Parent signature is required on form.
  
- III. Students can make an appointment with their guidance counselor to discuss course selection.
  
- IV. Communication
  - Letter is sent home to parents in the Spring, listing courses to be scheduled with an explanation of the protocol to be used for course changes
  - Inquiries from students and parents can be directed via e-mail or phone calls to the classroom teacher, Department Chair, or Guidance Counselor throughout the process
  - In specialized circumstances of concern, a committee will be established by the principal in order to initiate follow-up placement activities/actions to further develop a profile of the individual case

***Consideration for placement is tied to state and national test scores, literacy profiles, past academic performance, teacher recommendations, and prerequisite criterion expectations at the time of placement.***

## FOREWORD

Trumbull High School offers a modern, comprehensive curriculum from which students may choose a program designed to prepare them for the educational and work objectives they have in mind. Intelligent preparation of a student's program requires close cooperation among the student, parents, teachers and counselor.

As you examine the course selections available to you, try to plan as realistically as possible to choose those courses which reasonably fit into your present plans for the future. Be guided by what current advice is given to you by your counselor. Prerequisite for post-high school education or prerequisites for certain jobs are constantly changing, and students and parents should be aware of what is specifically relevant to their situation.

As you plan specific course selections, please bear in mind your interests, proven abilities, plans for college, technical education, or work, and all THS Prerequisite necessary to receive Trumbull Public School's diploma.

## TRUMBULL HIGH SCHOOL CORE VALUES AND BELIEFS

The Trumbull High School community engages in an environment conducive to learning which believes that all students will **read** and **write effectively**, therefore communicating in an articulate and coherent manner. All students will participate in activities that present **problem-solving through critical thinking**. Students will use technology as a tool applying it to decision making. We believe that by fostering self-confidence, self-directed and student-centered activities, we will promote **independent thinkers and learners**. We believe **ethical conduct** to be paramount in sustaining the welcoming school climate that we presently enjoy.

Approved 8/26/2011

## ACCREDITATION STATEMENT

Trumbull High School is accredited by New England Association of Schools and Colleges, Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the New England Association (NEASC) indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the New England Association (NEASC) is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of the school or college. Individuals may also contact the association:

New England Association of Schools and Colleges  
209 Burlington Road  
Bedford, MA 01730-1433  
(781) 271-0022

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## GRADUATION REQUIREMENTS

A student must have earned a minimum of 22 credits and have met the credit distribution requirement as outlined below:

• English	4
• Mathematics	3
• Science	3
• Social Studies	3
(CT State Dept. of Ed mandates all students pass U.S. History and one semester of Civics)	
• Physical Education/Health	1.75
• Electives	6.25
• Business Ed./Family and Consumer Science /Fine Arts/Tech Ed./Voc. Ed.	1
<b>TOTAL</b>	<b>22 CREDITS REQUIRED</b>

Each student must be scheduled for a minimum of five and one-half credits each year. Any course, in any department, may be considered an elective if it is not required for graduation. The elective credit requirement may vary depending on the number of credits the student has acquired in the other subject areas.

## COMMUNITY SERVICE

Community Service is a graduation requirement for all students. The rubric for successful completion of this element will be distributed to each grade nine student upon entering Trumbull High School. The Guidance Department will maintain the information and report participation annually to the parent/guardian via the report card.

## IN ADDITION

Students must meet **one** of the following criteria to earn a Trumbull High School diploma:

- Students must meet the requirements of the Connecticut Academic Performance Test (CAPT) administered in grade 10. The score must be in band 3, 4, or 5 in Mathematics and Writing Across the Disciplines.
- The student must meet or exceed the National Average score for the SAT I, SAT II or ACT.
- The student may fulfill the graduation requirement in grades 11 or 12 by meeting the Trumbull High School Performance Task requirement in Mathematical and/or Verbal Literacy.

Parents and students will be notified in the fall of the junior year and senior year if the graduation requirement has not been met. Transfer students will be exempt from the Trumbull High School Graduation Performance Standards Requirement if they have completed three (3) years of high school elsewhere. Special Education students may be exempt from the Trumbull High School Graduation Requirement if so indicated in his/her Individual Educational Plan.

## REGULATIONS

The Trumbull Board of Education will not discriminate against any pupil on the basis of race, color, religion, sex, national origin, ancestry, or disability in the organization and application of the educational programs and services it operates.

## CLASS LOAD

Every student should pursue a program that will rigorously challenge his/her abilities. This means that students must take a minimum of 5.5 credits. In addition to taking courses required for graduation, at least one elective subject per year may be selected from art, music, industrial arts, family and consumer science, business education, or any other area, in order to provide greater depth and variety. Students are to be scheduled for a lunch period and may not integrate the lunch period into a class period. Administrative involvement may be required in alleviating unique scheduling conflicts.

Guidance counselors will meet with each student in the spring to develop appropriate course selections for the upcoming academic year .

The program selected by the students in the early spring of each year represents a final choice of courses for the following year, with the following exceptions:

- If a student fails to meet the requirements of a course in progress and the course is not made up in summer school.
- If a student's educational objectives have altered significantly; students should contact their counselor over the summer to discuss the appropriateness of a change.

• In an attempt to balance class size, or any other unforeseen variables, administration reserves the right to rearrange student schedules. Please note that where a clerical error is discovered, a change will be made. However, we do not make program changes merely on the basis of notes sent to school, nor do we make changes after the first day of school except in unusual circumstances.

**COURSE WITHDRAWALS**  
*PLEASE REFER TO STUDENT HANDBOOK*

**Advanced Placement (AP) Program**

AP is a special college-level learning experience that most often takes a full academic year. It is challenging and stimulating and, compared to other high school courses, often takes more time, requires more work, gives greater opportunity for individualized programming and accomplishments, and goes into greater depth.

All AP Exams contain both multiple-choice questions and free-response questions that require essay writing, problem solving, and other skills.

Exam duration is from 2.5 to 3 hours. They are given every year in May at Trumbull High School.

Students who choose to sit for these exams may achieve college credit and/or placement considerations by certain colleges.

**The following are courses offered in the AP program:**

<i>AP English Literature</i>	<i>AP Statistics</i>	<i>AP Economics</i>	<i>AP Environmental Science</i>	<i>AP French</i>
<i>AP Language &amp; Comp.</i>	<i>AP Calculus AB</i>	<i>AP U.S. History</i>	<i>AP Chemistry</i>	<i>AP Spanish</i>
	<i>AP Calculus BC</i>	<i>AP Psychology</i>	<i>AP Physics B</i>	
		<i>AP European History</i>	<i>AP Physics C</i>	
		<i>AP U.S. Govt. &amp; Pol.</i>	<i>AP Biology</i>	

Admission to Advanced Placement classes is based upon a set of criteria tied to individual department prerequisites. Students must be evaluated and recommended for enrollment in these challenging courses and they must demonstrate they have both substantial baseline knowledge and skill sets necessary to succeed. Staff members take rigorous steps to inform, guide, and position students appropriately for their maximum success.

**Pass/Fail Program**

- A student may select ONLY one credit per year in any elective area on a Pass/Fail basis.
- If the minimum prerequisite for graduation in any particular academic discipline has been met, the student may choose any subject in that particular discipline as an elective on a pass/fail basis.
- An effort mark is to be part of the Pass/Fail grade.
- A student must declare in favor of a Pass/Fail course one week after the first progress report of the course.

**Class Audits**

A class audit is approved through the administrative office and will only involve a student's presence in that class. Students will not receive credit for class audits.

**Nontraditional Programs**

Students who plan to take a course at any off site facility and wish it to be reflected as part of their high school record, need to have the course approved by their house principal, counselor, and the Department Chair prior to taking the course. Only credits earned at **Trumbull High School** will be reflected in a student's GPA, and final transcript.

**The Trumbull Alternative High School**

The Alternative High School is housed at Madison Middle School, located at 4630 Madison Avenue in Trumbull, Connecticut. The setting consists of classrooms and an administrative office in a wing separated from the middle school population. The emphasis of this school is to offer an academic setting that will provide students an opportunity to succeed academically and behaviorally in a smaller school environment.

## OTHER PROGRAMS

### Independent Study

Independent Study in any subject area requires prior approval of the guidance department chair and the administrative team. Independent study projects may not be used for meeting departmental prerequisites for graduation except in most unusual circumstances with the approval of the principal. Independent study course work will be offered on a **Pass/Fail basis only**.

## ADDITIONAL COURSE OFFERINGS

### Regional Center for the Arts

**(#9400, 2 credits, 4 days)**

The Regional Center for the Arts is a performing arts magnet high school program serving students in grades 9-12. RCA's student body serves students in the greater Bridgeport region and reflects the racial, ethnic and socioeconomic diversity of students in that area. Students attend their local public high schools in the morning and attend RCA Monday through Thursday from 1:30 to 4:45 p.m. Credit is earned through the study of dance, theater, musical theater, film/video production, and creative script writing. **All students planning to enroll must sign up during course selection. A limited number of students will be eligible to participate and first priority will be given to returning students. All other students will be selected through a lottery.**

### Service Learning

**(#9510, 60 hours, .5 credits or #9520, 120 hours, 1 credit)**

Trumbull High School offers credit for Service Learning. Service Learning allows students to participate in the valuable work being done within the town and local region. This independent effort will help to develop a student's self-directed motivation and responsibility.

Service Learning credit does not replace the requirement of five and one-half credits per year in academic courses as described in the Program of Studies booklet and the Student Handbook. Service Learning credit will be awarded as additional credit which may be earned only after all traditional THS prerequisites have been satisfied.

Special forms, which are required for registration in Service Learning are available from the guidance department chair in B House Guidance. Forms must be submitted prior to participating in the Service Learning activity.

Students are responsible for arranging their own placement, presenting all required forms, fulfilling all obligations, and providing validation of completion by their supervisor.

### Career Internship Project

**(#9530, 60 hours, .5 credits or #9540, 120 hours, 1 credit)**

The Career/Internship Project allows students to experience a work based learning, structured training, and mentoring opportunity. Students explore complex subject matter in the real world and develop vital workplace skills. Through their work experiences, students acquire the knowledge and skills appropriate to a specific career and the general work expectations of promptness, commitment and persistence that can serve them in all vocations.

Students are required to:

- Arrange their placement with internship site
- Submit a portfolio of work site activities
- Prepare an oral presentation of their portfolio
- Submit supervisor evaluation forms

Credit will be commensurate with the time spent at the work based internship site. Participation may be extended to include all grade levels based on program guidelines.

### Group Dynamics (#9550)

**Grades 9 - 12**

**half year - .5 credit**

*Pass/Fail*

This is a course that uses an evidenced-based prevention curriculum known as "Reconnecting Youth" to help the participant increase academic success in an atmosphere of care and concern where social bonding, positive peer influence

and tolerance of individual differences are experienced. The personal growth of the individual student comes from learning and practicing important social skills, such as: self-monitoring, setting and achieving life goals, improving self-esteem, managing conflicts appropriately and developing and sustaining supportive peer and family relationships. Class size is limited to no more than 12 students per section. According to the design of the curriculum, it is vital that students are selected as soon as possible and no later than the first week of class. A limited number of students will be eligible to participate based on recommendation, interview, and the process of informed consent.

**ADVANCED PLACEMENT (AP) CRITERIA**

Admission to Advanced Placement classes is based upon a set of criteria tied to individual department prerequisites. Students must be evaluated and recommended for enrollment in these challenging courses and they must demonstrate they have both substantial baseline knowledge and the skill sets to succeed. Staff members take rigorous steps to inform, guide, and position students appropriately for their maximum success.

**EARLY COLLEGE EXPERIENCE (ECE) - COLLEGE CAREER PATHWAY (CCP)**

The **ECE** program is based on the college curricula offered at the **University of Connecticut**. In addition, the **CCP** program is based on the college curricula offered at **Housatonic Community College**. Depending on the particular department and course selection, these studies will be afforded either an Honors or AP weight. Students, who are successful receive college credits and a college transcript, in addition to fulfilling their THS credit/course requirements. See individual course descriptions for weighting.

**EARLY GRADUATION**

It is possible through early planning, to earn all of your graduation credits by the end of the first semester of your senior year. All graduation requirements must be met.

The Graduation Evaluation Committee will examine your request and base its approval or denial on the desirability of your early graduation with respect to your academic development and individual circumstances. The committee's decision is then reviewed by the principal, who may interview you and your parents before making the final decision. See your counselor for additional information.

**GENERAL RECOMMENDATIONS FOR COLLEGE PREPARATION**

English.....	4 credits
Social Studies.....	3-4 credits
Mathematics (Algebra I, Algebra II, Geometry and other advanced mathematics) .....	3-4 credits
Science (including Biology and Chemistry).....	3-4 credits
World Language.....	3-4 credits

Three or four years of one world language is preferred by colleges. Some students will have different college entrance requirements according to the type of college they wish to enter and the courses of study they wish to pursue. They should consult their counselors, who will help them prepare a course of study that fits their needs.

**NCAA CLEARINGHOUSE**

Any student athlete who plans to participate in Division I or Division II athletics must file with the NCAA Clearinghouse. Students should check to make sure the courses they are taking are on the eligibility list. See your guidance counselor for this information.

**AVERAGE STATISTICS OF RECENT GRADUATING CLASSES**

**Percent of Class Attending:**

4-year colleges.....	73%
2-year colleges.....	21%
Other Higher Education.....	2%

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## ***ART***

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Courses Available to ANY Student	Courses Requiring a Prerequisite
<ul style="list-style-type: none"> <li>• Ceramics</li> <li>• Basic Drawing</li> <li>• Fundamentals of Art</li> <li>• Painting</li> </ul>	<ul style="list-style-type: none"> <li>• Advanced Ceramics</li> <li>• Advanced Ceramics II</li> <li>• Painting II and Painting III</li> </ul>

### **BEGINNING CERAMICS**

**full year - 1 credit**

*8100 Grades 10 -12*

Beginning Ceramics is a course designed for artistically inquisitive students. If you like to work with your hands and are interested in developing skills in hand building as well as on the potter's wheel...this is the class for you. Students can expect to acquire the ability to create an array of functional and decorative forms. Cups, plates, bowls, vases and pitchers are a few of the forms, which will be addressed. This is very much a hands on class.

### **ADVANCED CERAMICS**

**full year - 1 credit**

*8110 Grades 11-12*

Advanced ceramics is a course designed to provide the experienced pottery student with a deeper look into the world of clay. While focusing on advanced wheel throwing techniques, students will round out their knowledge of the craft. Glaze experimentation, kiln loading/ firing, the study of other potter's work and group critiques will serve to provide a deeper understanding of this medium. Students can expect to refine their skills on the wheel and really begin to see ideas come into fruition.

### **ADVANCED CERAMICS II**

**full year - 1 credit**

*8120 Grades 12*

This courses is available as an advanced study in ceramics. Students are permitted to enroll according to available space and staffing. In addition, students must receive permission from their previous year ceramics instructor.

### **FUNDAMENTALS OF ART**

**full year - 1 credit**

*8130 Grades 9-12*

Fundamentals of Art is the basic course for the art program. The scope of the course is varied, exposing each student to many areas. The program of study covers such activities as drawing methods, color, design, painting, some three dimensional art. Upon completion of this course, the student will have a solid foundation for future development.

### **BASIC DRAWING**

**full year - 1 credit**

*8140 Grades 9-12*

This is an intense, in-depth drawing course. Realistic drawing dominates the course which covers sharp focus, perspective, and surrealism. In this course, students will be exposed to various drawing materials, such as pencil, pastel, charcoal and pen & ink.

### **PAINTING**

**half year - .5 credit**

*8150 Grades 9-12*

This half-year course will deal with painting methods and the unique characteristics of each. The student will work with water colors, pastels, and acrylic.

### **PAINTING II**

**half year - .5 credit**

*8160 Grades 10-12*

This course is available as advanced studies in painting. Students are permitted to enroll according to available space and staffing. In addition, students must receive permission from their previous year painting instructor.

### **PAINTING III**

**half year - .5 credit**

*8170 Grades 10-12*

This course is available as advanced studies in painting. Students are permitted to enroll according to available space and staffing. In addition, students must receive permission from their previous year painting instructor.



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## ***BUSINESS EDUCATION***

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Courses Available to <b>Freshmen</b>	Courses Available to <b>Sophomores</b>	Courses Available to <b>Juniors</b>	Courses Available to <b>Seniors</b>
Business Concepts Communications Computer Technology Desktop Publishing Recordkeeping Web Design/Internet Skills	Accounting I Business Concepts Communications Computer Technology Desktop Publishing Recordkeeping Web Design/Internet Skills Video Production	Accounting I H CCP Accounting II Communications Computer Technology Advanced Computer Technology Desktop Publishing Entrepreneurship Leadership CCP H Marketing Personal Finance Recordkeeping Video Production Web Design/Internet Skills	Accounting I CCP Honors Accounting II Communications Computer Technology Advanced Computer Technology Desktop Publishing Entrepreneurship Leadership CCP H Marketing Personal Finance Recordkeeping Video Production Web Design/Internet Skills

### **BUSINESS CONCEPTS**

**half year – .5 credit**

*7100 Grades 9-10*

A great introduction to Business. This is a project based class where students will be introduced to several business topics including: marketing, accounting, communications, banking & finance, and investing.

### **COMPUTER TECHNOLOGY**

**half year – .5 credit**

*7110 Grades 9-12*

Students will learn basic tools of the Microsoft Office Suite and other presentation application. This will include Microsoft Word, Excel, Access, PowerPoint, Prezi, and Photo Story. This course is a hands on class with a variety of creative projects. The skills learned can be easily applied to other courses. ***This course provides instruction in the skills needed to pass the computer proficiency requirement at most colleges.***

### **ADVANCED COMPUTER TECHNOLOGY**

**half year – .5 credit**

*7120 Grades 11-12*

Students will build on the existing basic knowledge of computer technology to learn more advanced tools of the Microsoft Office Suite and other presentation applications. This course will delve deeper into the capabilities of Microsoft Word, Excel, Access, and PowerPoint. ***This course is strongly recommended for students interested in the business field for post secondary study.***

**Prerequisite:** *Computer Technology* with a grade of B+ or better and teacher recommendation or permission of Department Chair

### **COMMUNICATIONS**

**half year – .5 credit**

*7140 Grades 9-12*

Very useful communications skills for high school, college and beyond! Students will be introduced to presentation skills in a comfortable setting. Students will make an introduction, present a “How To,” participate in an interview, and present a final project.

### **WEB DESIGN AND INTERNET SKILLS**

**half year – .5 credit**

*7160 Grades 9-12*

Students will spend the first five weeks of the course exploring how the Internet works, the History of the Internet, search and research strategies, evaluating websites, shopping (safely) online, and Identity Theft. The remainder of the course will be devoted to webpage design. Students will use HTML and CSS to create their own web

page. Then, they will complete projects using Macromedia Dreamweaver CS3 and Adobe Flash CS3 Professional. Requirement: Student and parent must sign the Acceptable Use form (District-Wide Network/Internet policy).

## **DESKTOP PUBLISHING**

**half year – .5 credit**

*7180 Grades 9-12*

Students will be introduced to Adobe Photoshop and Illustrator. Then students will use the professional page layout software, InDesign, to layout, edit, and produce professional-looking publications that include text and graphics created in Photoshop and Illustrator. Basic color and design principles will be taught and applied to various documents such as logos, magazine covers and spreads, and concert programs. Students will also be expected to complete publications for distribution outside of the classroom. Students will create a digital portfolio of their work.

## **VIDEO PRODUCTION**

**half year – .5 credit**

*7190 Grades 10-12*

Learn the basic skills necessary to develop, produce, and edit student created videos. Camera usage, elements of productions, sound, scripts, and editing will be addressed. Projects will include but are not limited to: commercials, public service announcements and stop motion videos.

## **PERSONAL FINANCE**

**half year – .5 credit**

*7210 Grades 11-12*

Can you take care of your own money? This course is perfect for any student who will soon be living away from home. Life skills include: maintaining a savings and checking account, establishing credit, securing employment, financing a car, acquiring housing, and protecting yourself against identity theft.

## **PERSONAL & BUSINESS RECORDKEEPING (Math Credit)**

**full year - 1 credit**

*7230 Grades 9-12*

This course will build knowledge of personal and business records and their applications in everyday consumer matters such as business forms, financial forms, financial planning, credit, banking, and taxes. It will aid in the development of student understanding of cash, sales, purchases, and payroll records. Basic elements of accounting skills are also included. Retail sales records and consumer credit problems will be analyzed. Emphasis is on tasks and business forms associated with entry-level recordkeeping positions. Students will have better success in business if they are equipped with a broad knowledge of business operations and recordkeeping procedures. **Students who have or are currently taking Personal Finance, Accounting I or II are not eligible for this course.**

## **ACCOUNTING I (Math Credit)**

**full year - 1 credit**

*7250 Grades 10 -12*

This course represents the basic principles of accounting and provides the student with the knowledge of the financial operations of businesses. Emphasis is placed on the importance of communication and ethics in the workplace. A year-end business simulation creates a realistic approach to accounting procedures and methods of a small business. **Strongly recommended for students considering further study in any business field.**

## **H CCP ACCOUNTING II**

**full year - 1 credit**

*7265 Grades 11-12*

Students will expand on the skills successfully learned in Accounting I. This course is essential for students considering a business and/or accounting degree in college. Students will complete 2 accounting simulations, one manual and one automated as well as perform many accounting activities using the computer.

**Prerequisite:** Grade of B or better in Accounting I and teacher recommendation

## **ENTREPRENEURSHIP**

**half year – .5 credit**

*7270 Grades 11-12*

Entrepreneurship is a Junior Achievement sponsored program. Students will form a small corporation and simulate the different roles of officers and employees. This course will help students understand the economics of managing a small corporation along with solving real life business problems.

## **H CCP MARKETING**

**full year - 1 credit**

*7295 Grades 11-12*

Students enrolled in the Marketing Education Program will study the concepts of entry-level, and advanced marketing. Students will be introduced to marketing education/DECA (Distributive Education Clubs of America). They will assess

their role as a consumer, examine the vast career opportunities within the marketing realm, including: market research, strategic planning, and new product development. Further topics will include the fundamentals of marketing, consumer behavior, the buying process, the elements and techniques of market segmentation, pricing strategies, and the examining of principles of current and past philosophies associated with marketing. Students are encouraged to work in the DECA Marketplace (school store) and participate in State DECA competition. DECA is a national association of marketing students. Competition occurs at the State and National Levels.

### **LEADERSHIP AND CHARACTER DEVELOPMENT**

**half year – .5 credit**

*7310 Grades 11-12*

Students in grades 11-12 will learn to work as part of a team to learn problem solving skills through hands-on activities and in- and out-of-class projects. The course will focus on gaining increased self-understanding, leadership styles, communication skills, team building, group process, and values clarification. There is a **mandatory** community service requirement for this course. Highly recommended for class, club, and student council officers along with all sports team captains.

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## ***REGIONAL AGRISCIENCE AND BIOTECHNOLOGY PROGRAM***

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Students participating in the Agriscience and Biotechnology Program traditionally are involved in multiple fundraising and community outreach activities.

### **ACP PHYSICAL SCIENCE (Agri)**

**full year – 1 credit**

*9114 Grade 9*

This course follows the Connecticut State Frameworks for Grade 9 students. Through the use of experimental design and qualitative and quantitative descriptions, students will explore topics of Energy, Properties & States of Matter, Atomic Structure, The Periodic Table, Chemical Bonding & Reactions, Carbon Compounds and their role in society, Solutions, Acids, & Bases in our environment, and Electricity & Magnetism.

Prerequisite: A grade of B or better in eighth grade science in conjunction with a collaborative effort between the high school and middle school personnel through the discussion of the grid selection instrument

**Recommendation:** Currently taking *Algebra I* or higher

### **ACP BIOLOGY (Agri)**

**full year – 1.25 credits**

*9124 Grade 10*

**with laboratory**

This introductory course of Biology is a year long in depth study of such topics as cellular biology, biochemistry, taxonomy, evolution, human body systems, as well as traditional and applied genetics. Student centered activities are included to support the study of these areas. Emphasis is placed on analytical and critical thinking skills, data interpretation and other CAPT preparatory skills.

**Prerequisite:** Successful completion of *ACP Physical Science*

### **H BIOLOGY (Agri)**

**full year - 1.25 credits**

*9125 Grade 10*

**with laboratory**

This course fosters a higher level of student independence. Concepts introduced will be studied in great detail. The course will focus on such topics as cellular biology, biochemistry, evolution, taxonomy, human body systems, and traditional and applied genetics. Student centered activities are included to support study of these areas. Lab work will be extensive and will require independent research. CAPT preparation is also integrated into the course.

**Prerequisite:** Successful completion of *H Introduction to Physics & Chemistry* or A- or better in *ACP Physical Science* and teacher recommendation

### **AGRISCIENCE 9**

**full year- 1 credit**

*9134 Grade 9*

**single period**

The 9th grade Agriscience course is designed for students to explore the broad field of agriculture. Some of the areas that will be explored include, but are not limited to, the following: Plant Science, Animal Science, Food Science, Natural Resource and Environment, Agriculture Mechanics and Agribusiness. All students are required to participate in the FFA and have a Supervised Agriscience Experience (SAE) program.

**AGRISCIENCE 10***9144 Grade 10***full year- 2 credits  
double period**

*(All students must also sign up for Agri-PE 10 9100, ACP Bio (Agri) 9124 or H Bio (Agri) 9125)*

The 10th grade Agriscience course is a continuation of the studies from Agriscience 9. All areas of agriculture will be explored in more depth in this course. Areas of concentration include: Plant Science, Animal Science, Food Science, Natural Resource and Environment, Agriculture Mechanics and Agribusiness. All students are required to participate in the FFA and have a Supervised Agriscience Experience (SAE) program.

**Prerequisite:** Successful completion of *Agriscience 9*

**ECE AGRI BIOTECHNOLOGY***9154 Grade 11***full year - 2 credits  
double period***9164 Grade 12*

This course will develop students' knowledge of scientific principles relating biotechnology to plants, animals, and the environment. Course structure will necessitate student involvement in extensive laboratory training and procedures. All students are required to participate in the FFA and to have a Supervised Agricultural Experience (SAE) Program. This course is open only to students enrolled in the Agriscience Program. Students will receive one Agriscience elective credit and one science elective credit. This course cannot be used to replace any of the core science graduation requirements.

**Prerequisite:** Successful completion of *Agriscience 9 and 10*

**ECE PLANT SCIENCE***9174 Grades 11***full year - 2 credits  
double period***9184 Grades 12*

Students will have the opportunity to utilize state of the art facilities to study areas including hydroponics, biotechnology, and plant tissue culture. Students will also have the opportunity to study more traditional plant related topics such as turf and landscape management, greenhouse management, fruit and vegetable production and floral design. All students are required to participate in the FFA and to have a Supervised Agricultural Experience (SAE) Program. This course is open only to students enrolled in the Agriscience Program. Students will receive one Agriscience elective credit and one science elective credit. This course cannot be used to replace any of the core science graduation requirements.

**Prerequisite:** Successful completion of *Agriscience 9 and 10*

**ANIMAL SCIENCE***9194 Grades 11- 12***full year - 2 credits  
double period**

This course is for those students that wish to pursue the study of Animal Science and Technology. Emphasis is on the importance of large animals as a major phase of agriculture. Students are trained in practical, hands-on situations, using the THS demonstrational farm. Applied knowledge in livestock production related to selection, care and management, showing, nutrition, breeding, health and opportunities in the industry are emphasized. Modern technology has created a demand for trained specialists in this area of agriculture and agribusiness. This course offers a concentration in animal science responding to the demands of the job market. All students are required to have successful SAE (Supervised Agriculture Experience) and participate in the FFA.

**Prerequisite:** Successful completion of *Agriscience 9 and 10*

**EQUINE SCIENCE***9204 Grades 11 - 12***full year - 2 credits  
double period**

This course is for students that have an identified interest in the study of equine science. Students will have the opportunity to study history, genetics, reproduction, nutrition, health management, and selections. Students will be selected based on interest and equine related experience. All students are required to participate in the FFA youth organization and have a Supervised Occupational Experience Program (SAE).

**Prerequisite:** Successful completion of *Agriscience 9 and 10*

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## **AQUACULTURE**

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**AQUACULTURE***9300 Grades 9 - 12***full year - 2 credits  
double period**

The Bridgeport Regional Vocational Aquaculture School is a regional facility located at Captain's Cove Seaport which offers unique educational opportunities in two separate areas: marine technology and marine science. Students from

Bridgeport, Fairfield, Milford, Monroe, Shelton, Stratford, and Trumbull attend these classes on a part-time basis. Academic credits in science and technology are awarded for the successful completion of the course work. In addition, physical education and health credits are also available. There are two unique programs available at the school, each having its own focus on marine science and technology education.

The Exploratory segment is a daily two-hour, part-time program which offers the student instruction in a marine-related science and marine technology. The student's instruction is enhanced by applying the knowledge acquired in the classroom to activities in science/technology aboard the school's instructional, 57 foot vessel, M/V Catherine Moore. The Intensive component was designed with seniors in mind, who have either experienced the Exploratory program or are seriously considering aquaculture science and technology as a career. Aquaculture is the theme of this daily four-hour program offering instruction in the science, technology, mathematics, and history of aquaculture. Finfish and shellfish production is a focus with instruction in the classroom as well as in the field. A total of up to five credits can be earned. The Aquaculture School offers a high level of instruction for students interested in the area of aquaculture. Acceptance into the school is achieved through an application/interview process and enrollment is limited. If interested, see your guidance counselor or call 203-576-7608.

### **AQUACULTURE INTENSIVE**

**full year - up to 4 credits**

*9310 Grade 12*

This integrated course of study offers an in-depth study of aquaculture to include the origins (history), aquatic ecosystems (math and science), aquaculture engineering (math, science, and technology) and survey and analysis (math and science). The activities are enhanced by the use of the research vessel M-V Catherine Moore.

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## ***ENGLISH***

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### **CREDIT REQUIREMENTS**

Each student is required to earn a minimum of four (4) credits in English during his/her four years, one (1) credit each year. A student may accumulate more than four credits in English if class space is available.

Every student must carry a minimum 1 credit of English during each of the four years.

All students participate in a vibrant, building-wide summer reading program which is facilitated through the English Department.

### **CAREER STATEMENT**

The English Department at Trumbull High School strives to present a challenging, engaging curriculum to all students. Required courses offer an integrated approach to reading and writing and include speaking, viewing and listening skills as well as critical thinking and research, multimedia strategies.

To be successful, effective and happy, individuals require communication skills to solve problems, maintain and strengthen relationships and enhance mutual understanding. Reading and writing skills, combined with the ability to research information to draw conclusions and to solve problems, provide them with an important edge which can make the difference in their success.

### **THE ENGLISH PROGRAM**

**STAGE I:**     **English 9**—one (1) credit - required for all grade nine students.  
                  **English 10**—one (1) credit - required for all grade ten students.  
                  **No upper division courses are open to 9th or 10th graders.**  
                  **English 11**—one (1) credit - required for all fgrade eleven students

## **STAGE II:**

Successful completion of grades 9, 10 and 11 are a prerequisite.

Senior English Course of Studies Guidelines:

1. Students select a balanced upper division program appropriate to their needs, abilities, and interests.
2. Students are encouraged to consult with one or more English teachers for guidance in course selection.
3. Students are required to read, write, speak and view in all English courses.
4. Students will be required to adhere to high standards of written and oral expression in all courses.
5. Seniors are required to elect at least 1 literature course in their Senior English course of study.

**The Honors level of the senior course of study is open to seniors who desire a rigorous course of study in literature and writing and who have achieved a high level of success in previous courses and have been recommended by their eleventh grade English teacher.**

### **MAKEUP OF ENGLISH FAILURES**

Students are required to pass English 9, 10, 11 and 12. Students failing English 9, 10 or 11 should make up the course in summer school. If credit is not obtained in summer school, students will not be permitted to take two full-year courses concurrently. Students who fail English 9, 10 or 11 and do not recover credit in summer school will take English 11 and two (2) Senior electives concurrently in their Senior year. **Courses may not be taken concurrently in any other year.**

## **STAGE I**

### **ACP ENGLISH 9**

**full year - 1 credit**

*1014 Grade 9*

This level of the course is developmentally appropriate for the majority of freshmen. The freshman year is the first phase of a four-year program in which students are expected to become independent readers, writers and thinkers. Writing and reading activities are closely guided in ninth grade, with care being taken to ensure that students understand the tools and skills necessary for higher level thinking. In reading, focus is on annotating text and reader response, encouraging students to be active readers. An intensive writing course is also a part of students' first semester experiences. During the writing course, students write daily, experimenting with varied voice, audience and purpose. They work within descriptive, narrative, persuasive, reader response and literary analysis modes to give them a broad background in writing and to illustrate the power of multi-modal writing. Writing remains a cornerstone of instruction and experimentation throughout the remainder of the year. Other assessments will include essay exams and tests, quizzes, special projects and performance based assessments to determine how well they are internalizing the skills on which this course is focused. The ACP level of grade 9 English will ensure that all students are highly prepared for and appropriately placed in grade 10 English.

### **H ENGLISH 9**

**full year - 1 credit**

*1015 Grade 9*

Students in Honors level of grade 9 English will be selected for their exemplary performance in Grades 7 and 8 Language Arts, and high performance on standardized tests. Placement is determined through collaboration between the high school and middle schools. English 9 Honors is distinguished from its Advanced College Prep level counterpart in a variety of ways including pace, material, and expectations of a high level of independence and original insight. Therefore, honors students should be highly proficient in reading, analyzing and writing. The level of independence required in this course asks students to perform both in and outside the classroom, demanding that students set higher standards for themselves, go beyond what is required, and be willing to embrace a challenge in his or her reading and writing repertoire. Demonstration of intellectual curiosity and academic commitment are Prerequisite for a student to remain the Honors program.

### **CP ENGLISH 10**

**full year - 1 credit**

*1022 Grade 10*

This level of English 10 is open to all students who will benefit from extra support in reading and writing skills. This curriculum parallels that of the regular program, but utilizes a more developmentally appropriate pace, and more individualized attention. Alternative texts may also be incorporated. Students are assigned to CP ENGLISH 10 on the following basis:

1. academic need
2. teacher recommendations
3. scores on standardized state and national tests
4. recommendation by Guidance or Pupil Personnel Services

### **ACP ENGLISH 10**

**full year - 1 credit**

*1024 Grade 10*

This level of the course is developmentally appropriate for the majority of sophomores. The sophomore year continues to develop students' ability to work independently. Reading novels, short stories, plays and poems offers students the opportunity to recognize the power of literature to recreate the human experience. Through close text analysis students will be required to determine the strength of a word as well as a chapter or complete work. Students will make a variety of substantive connections to the text, do close readings, interpret meaning and subtext, generate inferential questions and critically evaluate text. Working with nonfiction, students will be required to discern an article's main idea, construct important connections between the text and their prior experience(s), and critically evaluate its value and validity. Grade 10 offers students a continuation of the intensive writing program with a focus on identifying and utilizing their own process, revising for diction, sentence variety and tone and appropriately selecting and narrowing topics. When writing, students will continue to produce literary analyses but in addition are required to write papers based on information from a variety of sources. Sophomores are expected to work on developing their writing skills to explore ideas and on making decisions about how to approach a writing task.

### **H ENGLISH 10**

**full year - 1 credit**

*1025 Grade 10*

Students will be placed in H ENGLISH 10 based on exemplary performance and commitment in grade nine English after the recommendation of their ninth grade English teacher. Students are expected to be proficient independent readers who can produce high levels of interpretation, provide perceptive responses and create incisive presentation. It is expected that students have mastered the fundamentals of writing and are ready to diversify their writing in terms of voice, audience, and structure. Independent decision making becomes an integral part of the writing process in H ENGLISH 10.

### **CP ENGLISH 11 - AMERICAN PERSPECTIVES**

**full year - 1 credit**

*1032 Grade 11*

This level of American Perspectives is open to all students who will benefit from extra support in the reading and writing skills. This curriculum parallels that of the regular program, The curriculum parallels that of the regular program, but utilizes a more developmentally appropriate pace, and more individualized attention. Alternative texts may also be incorporated. Four required performance-based assessments will be given to all students throughout the year. These assessments will allow opportunities for students who have not met proficiency standards on CAPT to fulfill alternate graduation Prerequisite.

Students are assigned to CP ENGLISH 11 - AMERICAN PERSPECTIVES on the following basis

1. teacher recommendations
2. scores on standardized state and national tests
3. recommendation by Guidance or Pupil Personnel Services

### **ACP ENGLISH 11 - AMERICAN PERSPECTIVES**

**full year - 1 credit**

*1034 Grade 11*

This course is developmentally appropriate for the majority of juniors. Exploring contemporary and classic American literature, students will consider the condition of identity, self and dreams in American society. The curriculum continues the intensive writing program through an integrated approach to the study of literature, composition, and language skills. Writing focuses on persuasive essays and comparison and contrast essays. Four required performance-based assessments will be given to all students throughout the year. These assessments will allow opportunities for students who have not met proficiency standards on CAPT to fulfill alternate graduation Prerequisite.

### **H ENGLISH 11 - AMERICAN CONNECTIONS**

**full year - 1 credit**

*1035 Grade 11*

The junior H English course is a survey of American literature in which students read a wide range of literature from the beginning of American literature to the present to show how current American thought has evolved from America's past. Students will be asked to seek connections and common themes between different periods in American literature and between past and contemporary literary thought. This course is designed for advanced students who can read,

discuss and write about American literature from its emergence to the present day at a fast pace without sacrificing close analysis. They are expected to be highly proficient readers who can produce insightful levels of interpretation, provide perceptive feedback, and create incisive presentations.

This level of English 11 is open to all students who have demonstrated exemplary academic performance and commitment in 10<sup>th</sup> grade English at the recommendation of their 10th grade English teachers.

**AP LANGUAGE AND COMPOSITION**

**full year – 1 credit**

*1036 Grade 11*

The Advanced Placement Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts. In addition, the course is designed to help the students become skilled writers who can compose for a variety of purposes and audiences. The course offers substantial reading of non-fiction, fiction, drama and poetry all placed within the context of the American experience. Students move chronologically through American Literature focusing on the how the various texts are written; for what purpose and for what audience. Students participate in an in-depth analysis of written works, focusing on how the pieces are written and developing an understanding of the various rhetorical devices employed by the authors. Students will need to write effectively and confidently in numerous different modes of writing including expository, analytical, and argumentative. Students will also produce writing that is based on reading primary and secondary sources, synthesizing materials from these texts in their own compositions, and citing sources using the Modern Language Association format. Also, the use of research materials and the ability to synthesize varied sources (to evaluate, use, and cite sources) are integral parts of this course.

**STAGE II**

**Senior English Course of Study**

**(For All Seniors and 11<sup>th</sup> grade students admitted with Department Chair permission only)**

Seniors are required to register for at least one (1) full credit of English for their senior English course of study. Of this one credit, at least .5 credit must be a literature course. Additional electives are offered through the English Department that are not applicable to the English graduation requirement.

<b>Type</b>	<b>Credit</b>	<b>Title</b>
Literature	1	Advanced Placement English-Literature
Literature	.5	Women’s Literature
Literature	.5	Literature of Peace, Protest and Tolerance
Literature	.5	Shakespeare
Literature	.5	Contemporary Literature
Literature	.5	Science Fiction
Literature	.5	Poetry
Literature	.5	African-American Literature
Viewing/Writing	.5	Film as Literature
Writing	.5	ACP Senior Writing Workshop
Writing	.5	CP Senior Writing Workshop
Writing	.5	Creative Writing
Literature	.5	H World Literature
Literature	.5	H Mythology
Literature	.5	H Shakespeare
Literature	.5	Escape Fiction
Literature	.5	Adolescent Experience
<b>The following courses are offered for elective credit only:</b>		
Writing	.5	Fund. of Journalism I & II (Grades 10-12)
Literacy Workshop	1	Literacy Workshop (Grade 9)
Literacy Workshop II	1	Literacy Workshop II (Grade 10)



## LITERATURE

### AP ENGLISH LITERATURE AND COMPOSITION

full year – 1 credit

1106 Grade 12

Advanced Placement English offers substantial reading of novels, drama, and poetry as a basis for whole class discussion, extensive critical and analytical writing, and individual and small group discussion and presentation. Students are required to carry out the kind of in-depth literary analyses and original synthesis required for the Advanced Placement test. In addition, students will be required to take this close reading of text and develop an understanding of the unifying themes that the authors are expressing through their works. Student reading will include but not be limited to *The Age of Innocence*, *All the King's Men*, *As I Lay Dying*, *A Doll's House*, *Beloved*, *Ghosts*, *Hamlet*, *Hedda Gabler*, *Ironweed*, *Jude the Obscure*, *King Lear*, *Madame Bovary*, *Othello*, *The Remains of the Day*, *Return of the Native*, *Waiting for Godot*, and *Sound and Sense: An Introduction to Poetry*. **Each major piece of literature is followed by an in-class written reaction/analysis, an out-of-class essay, or an alternate assessment appropriate to the work studied. Extensive revision of written response is a focal point of the course. A major independent project is required at the end of the course.**

### ESCAPE FICTION

half year – .5 credit

1112 Grade 12

This course is designed for students who need to continue practice in analyzing plot, character, and conflict of a work of fiction and in writing focused, organized literary analyses. The course includes three types of escape reading: suspense, adventure, and fantasy. In each section, students will read a variety of short stories, novels, and other selections. The reading is developmentally appropriate for the 200 level 12<sup>th</sup> grader and is highly enjoyable, averaging approximately 100 pages per week. Novels and collections of short stories may include *Early Autumn*, *True Crime*, *The Thief of Always*, *The Lords of Discipline*, *Something Wicked This Way Comes*, *Snow in August* and *The Painted House*. A selection of mystery and adventure films will be viewed and analyzed. Students will be expected to complete short essay tests and frequent reading quizzes, write creatively, (detective story, fairy tale, adventure) and compose single and multi-paragraph papers of between 150 and 500 words exploring how aspects of a story are developed.

### SHAKESPEARE

half year – .5 credit

1114 Grade 12

This course is a study of the life and writings of William Shakespeare within the Elizabethan cultural, social, and historical picture and focuses on the impact that Shakespeare's writings have on our world today. It is intended for students who are interested in pursuing their previous Shakespearean study during their senior year. A multimedia approach will be used to establish an understanding of Shakespeare's view of humanity and the world. Readings will include approximately five plays, including comedy, tragedy and history. Shakespeare's sonnets will also be studied. Students who take this course may not take H Shakespeare.

### H SHAKESPEARE

half year – .5 credit

1115 Grade 12

This course is an intensive study of the life and writings of William Shakespeare within the parameters of the Elizabethan cultural, social, and historical picture. It is intended for students of academic promise and high motivation. Films and oral readings will be used to establish an understanding of the life and times of the author and to aid students in understanding the reading material. The writing of at least one full-length term paper is required; in addition, a minimum of three short papers is required. An independent project is included to expand students' intellectual curiosity. Readings will include approximately six plays, including comedy, tragedy and history. Shakespeare's sonnets and narrative poems will also be studied. Some plays students may be expected to read are *Hamlet*, *Henry V*, *The Tempest*, *Richard III* and *The Merchant of Venice*. Students will examine Shakespeare's work on three levels - literary, scholarly and dramatic and will analyze selected passages in close detail.

### CONTEMPORARY LITERATURE

half year – .5 credit

1124 Grade 12

This course offers students the opportunity to read and analyze the novels, short stories, and plays of contemporary authors. Major writers may include John Updike, Raymond Carver, Sue Monk Kidd, Khaled Hosseini, Doris Lessing, and August Wilson. Students will explore how these contemporary writers use literature to reveal and address current issues. Extensive discussion and written response will allow students to explore and defend their own interpretations of the literature.

## **H WORLD LITERATURE**

**half year – .5 credit**

*1135 Grade 12*

In this course, students will study an array of works—both classic and contemporary—by authors around the globe. They will read a variety of genres including: novels; short stories; poetry; plays; and nonfiction. The aim of the course is for students to become “armchair travelers” through literature, to come to understand the world better and to see that people from all over the world share many of the same desires, hopes and struggles. The selections include *The Stranger*, *The Metamorphosis and Other Stories*, *One Hundred Years of Solitude*, *Nectar in a Sieve*, *Cry the Beloved Country*, *One Day in the Life of Ivan Denisovitch*, *A Doll’s House* and the plays of Chekov. In addition, students will read from a world literature anthology. The reading is complex and demanding. The writing includes literary analysis in essay form, journal writing and some creative pieces, all of which link back to the texts and their larger cultural backdrops.

## **AFRICAN-AMERICAN LITERATURE**

**half year – .5 credit**

*1144 Grade 12*

Focusing on literature by and about African-Americans, students will gain insight into themselves and the human condition through the study of fiction, non-fiction, poetry, drama and music. The course is intended for students of all races and ethnicities and will allow them to hear the many voices of the African-American community. Extensive reading and writing required; a research component may also be included.

## **H MYTHOLOGY**

**half year – .5 credit**

*1155 Grade 12*

What is a myth? What is mythology? Why do we create myths? What purposes do they serve? How do myths relate to life today? This course is designed to answer these questions and to help students discover that modern writing today contains the same images of creation, heroes, human connection to nature, human limitation, loss of innocence, and ideas on death and the afterlife. In addition to the study of myths of different cultures, the course will include songs, poems, plays, and stories by contemporary authors including Twain, Dylan, and Frost. The reading and assignments in the course are extensive. Students will write in and out of class essays, journals and reader responses. All students are required to complete an independent study of the influence of mythology on modern fiction that includes a five to ten page paper as well as an oral presentation. Students will be involved in all of the following activities: comparing myths of different cultures; analyzing, in depth, individual works of literature; explaining recurring patterns in myths; and relating myths to modern fiction and popular culture.

## **LITERATURE OF PEACE, PROTEST AND TOLERANCE**

**half year – .5 credit**

*1164 Grade 12*

The quest for peace in life and literature is the focus for this course. The internal and external struggle for peace as well as valid protests against the lack of it will be considered in a variety of novels, essays, poems and songs. Students examine historical examples of both intolerance and tolerance. The course is interdisciplinary in nature and the theme will be studied from its vantage point in psychology, literature, politics and film. Students should be prepared to read fiction, nonfiction and poetry and to respond in writing. Units explore both historical (WWII, Vietnam) and contemporary (Africa, Iraq, South Africa) vantage points.

## **POETRY**

**half year – .5 credit**

*1174 Grade 12*

This course offers students the opportunity to pursue their interest in studying poetry with a new level of depth and intensity. Students will approach poetry from two vantage points—both that of a reader and a writer. As readers, students will analyze authors’ techniques and use of literary devices, themes and poetic forms in order to synthesize and make greater meaning of the poems they read. As writers, students will try their own hand at the art form they are studying; revision of their own work will be a requirement and workshopping opportunities will be provided. The course may culminate in a final project.

## **SCIENCE FICTION**

**half year – .5 credit**

*1184 Grade 12*

This course offers a chronological and thematic examination of the world of science fiction and, to a lesser extent, the fantasy and horror genres. Students will examine contemporary issues such as humankind’s place in the universe, “the other” in society, the effectiveness of various forms of government, the benefits and dangers of technology, and many more. The course will offer selections from such writers as Mary Shelly, Isaac Asimov, Ray Bradbury, Richard

Matheson, Philip K. Dick, Ursula K. Leguin, William Gibson, and Neil Gaiman. Students will also utilize an anthology featuring short stories, poetry, and a historical timeline describing how the genre influenced “reality.” Students will also explore the genre’s influence on filmmakers from the last century. Students will be expected to read, discuss, and write both reader responses and formal essays about each major work in the course.

## **WOMEN’S LITERATURE**

**half year – .5 credit**

*1194 Grade 12*

What is the place of women in society? How has their place evolved? This course offers both male and female students the opportunity to delve into and explore the female’s role in society and hear the feminine voice in literature and throughout history. Authors include Nella Larsen, Mary Pipher, Anna Quindlen, and Anita Diamant.

## **ADOLESCENT EXPERIENCE**

**half year – .5 credit**

*1202 Grade 12*

Adolescence is a period of startling growth and dramatic change. As such, it has long been the focus of writers who see it as a meaningful subject. Some young people pass through the time smoothly with a minimum of stress; others come to the very edge of destruction. This course deals with both realities through novels, poems, essays, films, and short stories. Students will read and analyze these texts and write essays which examine and clarify their understanding of the material studied. They may also produce self-reflective work which reflects their own adolescent experience and interview older individuals regarding their teenage years.

## **WRITING**

### **H JOURNALISM**

**half year – .5 credit**

*1405 Grade 12*

The course highlights journalist inquiry through reporting and research techniques. Students survey the various forms of journalistic writing: the hard-news pyramid, feature writing, sports, entertainment, and writing for broadcasting and online. Later in the class, students will focus on beat-based reporting designed to sharpen the students’ ability to recognize a captivating story and report it out fully using methods specific to reporting and news writing. Beats include news, opinions, lifestyle, politics, entertainment and features. Students interview various other students, faculty and members of the community as they continue to develop speaking and writing skills. By the end of the class, students will produce major pieces of narrative, explanatory or investigative writing, and these pieces will be published in the Eagle’s Eye as well as local news venues.

### **CP SENIOR WRITING WORKSHOP**

**half year – .5 credit**

*1412 Grade 12*

This course presents units on exposition, argument, college narrative and literary analysis as well as “practical writing” such as resumes, letter writing, etc. Students practice both the mechanical and stylistic aspects of writing and will gain insight into precise and correct wording, clarity, organization and purpose. They will learn to view the act of writing as an effective, necessary tool for expression, problem-solving and communication. The CP SENIOR WRITING WORKSHOP is designed for students who have demonstrated some difficulty with writing in the past and would benefit from a review and reinforcement of skills introduced in grades 9 – 11.

### **ACP SENIOR WRITING WORKSHOP**

**half year – .5 credit**

*1414 Grade 12*

This course presents units on exposition, argument, college narrative, and literary analysis. Students practice both the mechanical and stylistic aspects of writing. Students will gain insight into the handling of words and structures in ways that suit various purposes. They will learn to view the act and the art of writing as a way to clarify and organize their thinking and, at the same time, reach the reader. Beginning with shorter pieces, students will proceed to developing longer, full-length works. This course is an excellent precursor to any freshman college writing course.

### **FILM AS LITERATURE**

**half year – .5 credit**

*1424 Grade 12*

This course teaches students to become active, critical viewers of film so that they develop visual literacy, the ability to understand and interpret images. Students will examine film as a technical art, a visual art and a medium through which themes and ideas are communicated. In addition to learning how to view actively and critically, students will

speak and write about various aspects of film composition and film criticism. Students will learn technical terminology so that they will not only see what is on the screen, but also understand how and why directors film a scene in a particular way. For each film, students will be required to complete viewing notes and short response writings. Students will write analytical essays reviewing films, comparative essays, and research papers. Films viewed in the course include Casablanca, Rear Window, Citizen Kane, The Graduate, Annie Hall, Do the Right Thing, and American Beauty.

### **CREATIVE WRITING**

**half year – .5 credit**

*1434 Grade 12*

This course focuses on the craft of writing and provides students with experiences in a variety of genres including poetry, short fiction, memoir, creative nonfiction and plays. Students work in a writer's workshop setting, creating several short pieces each week and developing larger, more substantive works, such as a short story and a book of poetry. Students read many short works as writers studying the craft. A part of a community of writers, they will share their own work aloud with their peers in small and larger groups. A major goal is for each student to develop his or her own voice on the page. This course is for both the beginning and experienced creative writer, but it is strongly recommended that students have a passion for writing and at least average technical skills with language.

### **THE FOLLOWING COURSES ARE OFFERED FOR ELECTIVE CREDIT ONLY**

### **DRAMA**

**half year – .5 credit**

*1710 Grade 10-12*

This course introduces students to drama and theatre arts, approaching them from two directions: first, works of drama are studied as texts for analysis and interpretation. To this end, students will examine monologues, scenes, one-acts and full-length plays. Second, students will put their study into practice, getting up on their feet and bringing works of theatre to life. Daily movement, improvisations and theatre games will require active engagement from students. Frequent visits from guest artists will provide authentic practice in acting, directing and theatre design.

### **FUNDAMENTALS OF JOURNALISM I/ FUNDAMENTALS OF JOURNALISM II**

**half year – .5 credit**

*1720/1730 Grade 9-12*

These courses offer students the opportunity to write news stories, feature stories, interviews, editorials, and reviews which can appear in Trumbull's school newspaper, The Eagle's Eye. By integrating their work with that of the newspaper staff, the students also become staff members. The journalism program consists of two courses, one semester each. Students can elect to take Journalism I only, or, if they wish, they may continue their experience with Fundamentals of Journalism II in a subsequent semester.

### **LITERACY WORKSHOP I**

**full year – 1 credit**

*1901 Grade 9*

The focus of this reading course is on extensive reading and vocabulary development, comprehension exercises, and writing. Because students learn differently, both visual and auditory methods of teaching comprehension are utilized. By seeing how reading strategies are effective in improving their reading comprehension, students can be more successful and confident readers. When students realize that they do not understand the reading material they must be capable of utilizing strategies to improve comprehension. Students master these skills when they actively construct meaning, learn more about themselves and others, read from a variety of sources, and view reading as an enjoyable experience. Therefore, this course is designed to help students understand the reading process through:

- Associating meaning with words as they appear in their reading
- Organizing the ideas presented to produce a logical result
- Having an emotional and intellectual reaction, which most naturally will depend on the type of material the students read and their attitude and purpose. This full year course will provide students with strategies to help improve students' reading across disciplines, as well as improve their academic self-confidence.

### **LITERACY WORKSHOP II**

**full year – 1 credit**

*1902 Grade 10*

This course is a continuation of Literacy Workshop I. The focus of this class is to build upon reading strategies taught in Literacy Workshop I, improve comprehension, and help students to become independent thinkers and learners. It is open to students who have successfully completed Literacy Workshop I or are recommended by the reading specialist.

## **EDITING & PUBLISHING for *THE EAGLE'S EYE***

*Varies*

The editing and publishing class trains The Eagle's Eye editors in reporting, article writing and editing, photojournalism, layout, and newspaper design in order to prepare the school paper for publication on a bi-monthly basis. Selection for this course is based on application and interview. It is an informal course meeting after school during period 9 and during students' free periods and is open to all grades and all ability levels. Credit, ranging from .25 credit to 1 full credit, is based on level of responsibility and/or position held on The Eagle's Eye editorial board.

## **EDITING & PUBLISHING for *TRILLIUM***

*Varies*

Editing and Publishing class trains yearbook editors in photojournalism, layout and design, and writing and editing or order to prepare the yearbook for publication in the spring. Admission to this practical, hands-on course is based on application and interview. This informal class, listed on course schedules as meeting period 9 after school, is open to all grade levels and meets daily after school and during free periods; however, training and participation is on an individual basis. Previous experience and/or some summer training is a prerequisite to registration. Credit, ranging from one quarter credit to a full year of credit, is based on level of responsibility and/or position held on the yearbook editorial board.

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## ***FAMILY AND CONSUMER SCIENCES***

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Courses available to Grade 9	Courses available to Grade 10	Courses available to Grades 11 and 12
Bake Shop Culinary I Fashion Interior Design Sewing I	Bake Shop Child Development Culinary I Fashion Interior Design Sewing I Sewing II Sewing III	Bake Shop Child Development Culinary I Culinary II Culinary III H CCP Individual and Family Development Fashion Interior Design Sewing I Sewing II Sewing III

### **CHILD DEVELOPMENT**

**full year – 1 credit**

*7400 Grades 10 -12*

Are you planning a career that involves working with children? This course explores the growth and development of children with emphasis placed on the stages of typical development. Topics include factors to consider before having children, human reproduction, prenatal development, infancy, and family life. Prenatal growth and development and the importance of prenatal care are stressed. Students have hands-on experience with the "Real Baby" computer babies.

### **H CCP INDIVIDUAL AND FAMILY DEVELOPMENT**

**full year – 1 credit**

*7405 Grades 11-12*

This University of Connecticut course is an Early College Experience introduction to the field of Human Development and Family Studies. The course will provide students with an understanding of individual and family development over the life span. The course focuses on the developing individual within the context of the family system and the changes that occur in family systems over time. **Each student is required to complete 40 hours of job shadowing and students have an opportunity to receive college credit.** This is a required course at the University of Connecticut for Nursing, Family Studies and Education majors.

**Prerequisite:** A grade point average of 3.5 or greater and at least one AP or Honors class

## **CULINARY I**

**half year – .5 credit**

*7410 Grades 9-12*

Do you enjoy cooking and learning about food preparation? This course is an introduction to safety and sanitation, basic food preparation, kitchen equipment, cutlery and utensils, cooking procedures, table setting and etiquette and cutlery items. Cooking techniques and the language of food preparation are also studied to enable students to read and prepare recipes. There is no prerequisite for this class.

## **CULINARY II**

**half year – .5 credit**

*7420 Grades 10-12*

This course is designed for those students with some culinary technique background and who want to learn more about meal planning and food preparation. Students will have the opportunity to work with commercial equipment.

**Prerequisite:** *Culinary I*

## **CULINARY III (Available September 2014 - Pending board approval)**

**half year – .5 credit**

*7430 Grades 11-12*

Culinary III is an action based hands on learning experience for students interested in participating in the running of an in-school café.

**Prerequisite:** *Culinary II*

## **BAKE SHOP**

**half year – .5 credit**

*7440 Grades 9-12*

Do you enjoy making cookies, cakes, breads, and muffins? This course is a half year course that is an introduction to baking. It is a “hands on” course where students will explore various types of baked goods and try a wide variety of recipes. There is no prerequisite for this class

## **SEWING I**

**half year – .5 credit**

*7460 Grades 9-12*

Do you dream of making your own clothes? Would you like to make your own décor for your room? Well it all starts here. This course will begin or develop your ability to use a sewing machine and earn your “Sewing Machine License.” Learn how to create textile products and garments with and without commercial patterns. This is a skill that will help you as a person, a family member, a community volunteer and can even guide you on the road to a career in the Fashion and Textile Industry.

## **SEWING II**

**half year – .5 credit**

*7470 Grades 10-12*

In this course you will learn more advanced construction techniques; complete a service project, and learn about careers in the Fashion & Textile Industry.

**Prerequisite:** *Sewing I* or permission of instructor

## **SEWING III**

**half year – .5 credit**

*7480 Grades 11-12*

This class is designed for the serious sewer who wishes to further develop their craft. Fitting skills will be emphasized. Students will also learn about making curtains and other items for the home. A service project will be completed as well.

**Prerequisite:** *Sewing II* or permission of instructor

## **INTERIOR DESIGN**

**half year – .5 credit**

*7490 Grades 9-12*

Do you ever dream of the ideal place to live and the home you would have there? Is HGTV one of your favorite channels? Do you rearrange or redesign your bedroom for fun? Then this is the course for you. Come learn about your personal housing goals, housing styles, selecting furnishings, color schemes, and putting it all together to create the perfect home for your family and lifestyle.

## **FASHION**

**half year – .5 credit**

*7500 Grades 9-12*

What part does clothing play in your life? How can you choose clothing that is right for you – your style, your personality, and your budget? Where do the styles come from? You will answer these questions and more plus look into careers that will use your specific talents in ways that connect to your love of clothes. **This is not a sewing class.**

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# MATHEMATICS

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The Department of Mathematics offers a broad range of courses. This allows enough flexibility for students to choose a course commensurate with their ability and background and at the same time the program is structured enough so there should be no confusion about which math course is appropriate. It is recommended that students confer with their parents, guidance counselors and mathematics teachers prior to embarking on any particular sequence of instruction.

**Note:** The CP Algebra II course will offer most of the same topics as the ACP Algebra II at a less intense pace and in less depth. This course is recommended for students who need to have Algebra II for college admission and who have completed CP Algebra I and Geometry. ACP Statistics, AP Statistics, Computer Science, and AP ECE Calculus BC will be offered if staffing and enrollment support these courses.

It is strongly recommended that any student planning to take college entrance exams such as the SATs, has as a minimal requirement satisfactorily completed Algebra I and Geometry courses before taking the exams and in addition, they should be enrolled in a math course the year they are taking the exams. Calculators which contain symbolic manipulators cannot be used on any math test. Some mathematics courses may be taken concurrently with the permission of the department chair (e.g. Geometry and Algebra II, Statistics and Pre-Calculus, Statistics and Calculus.)

## CP ALGEBRA I

**full year - 1 credit**

2012

This course covers algebraic reasoning and problem solving skills that will enable students to see the connections between algebra and the real world. Topics that will be covered include: addition, subtraction, multiplication, and division in algebra, solving linear equations and inequalities, factoring, systems of equations, the coordinate plane, slope, graphing lines, writing equations of lines, the laws of exponents, simplifying polynomials, probability, and statistics. Standardized test preparation is woven into the curriculum. Students are asked to connect concepts, apply mathematics, and make decisions or recommendations.

**Prerequisite:** Grade 8 Mathematics

## ACP ALGEBRA I

**full year - 1 credit**

2014

This course is designed for capable math students who have mastered the fundamentals of mathematics and problem solving. This course includes: patterns, scatterplots, solving equations, graphing linear equations, inequalities and systems, applying statistics, exploring polynomials, factoring, applying proportional reasoning, exponents, roots and radical expressions and equations. Standardized test preparation is woven into the curriculum. This course requires a graphing calculator.

**Prerequisite:** B or better in Grade 8 Mathematics

## CP GEOMETRY

**full year - 1 credit**

2022

This course is designed to present all of the geometric concepts of a formal geometry course in an investigative and application-oriented format. Concepts of this course include congruence, similarity, and parallel and perpendicular lines. Specific topics which will be studied are points, lines, planes, triangles, quadrilaterals (and other polygons), circles, areas, and volumes. In order to prepare for standardized tests, applications involving these concepts will be explored throughout the year.

**Prerequisite:** Completion of *CP Algebra I*

## ACP GEOMETRY

**full year - 1 credit**

2024

*ACP Geometry* focuses on the development of inductive and deductive reasoning and continues to expand the framework of skills, concepts, and thinking required for future mathematical studies. The course is intended to develop a deeper understanding of the characteristics and properties associated with visual-spatial relationships in Euclidean geometry as 1-, 2-, and 3-dimensional shapes are explored. Basic Trigonometry is introduced as well as constructions, translations, and transformations. Performance-based

assessments in conjunction with ongoing class activities provide solid preparation for standardized tests.  
**Prerequisite:** C or better in *ACP Algebra I*

## **H GEOMETRY**

**full year - 1 credit**

2025

This honors level course is designed for the advanced math student. It differs from ACP Geometry in its approach, content, and level of difficulty. It strongly emphasizes the development of reasoning, inductive and deductive, through the concept of proof. Proofs are a major part of the course combined with extensive coverage of such topics as circles, right triangles, triangle inequalities, measurement, points of concurrence, polygons, similarity, and an introduction to trigonometry. To succeed, students need to be highly self-motivated and have strong mathematical ability.

**Prerequisites:** B+ or better in *H Algebra I* and teacher recommendation

## **CP ALGEBRA II**

**full year - 1 credit**

2032

College Prep Algebra II is a second year Algebra course designed to prepare students for the SAT, to expand their mathematical coursework in higher mathematics, and to prepare them for college level mathematics. Students will continue to refine their Algebra skills through studying such topics as solving and graphing linear and quadratic equations and inequalities, identifying and graphing conic sections, working with exponents and solving exponential equations, applying concepts of the Real and Complex number systems, and making real world connections and applications using these tools.

**Prerequisite:** Successful completion of *ACP Algebra I* or C+ or better in *CP Algebra I*

## **ACP ALGEBRA II**

**full year - 1 credit**

2034

ACP Algebra II is a traditional college preparatory second year algebra course designed to prepare students for the SAT and higher level mathematics courses including Pre-Calculus, Statistics, or Topics in Math. Topics that will be studied include: solving and graphing linear and quadratic equations and inequalities, identifying and graphing circles, working with exponents and solving exponential equations, applying concepts of the Real and Complex number systems, logarithms, rational equations, and expressions, and making real world connections and applications using these tools. A graphing calculator is required for this class

**Prerequisite:** Completion of *ACP Algebra I* with a C or better

## **H ALGEBRA II/TRIG**

**full year - 1 credit**

2035

This course is for the very competent math student who wishes to take AP Calculus. H Algebra II explores the following topics in depth: linear equations, inequalities, functions, linear systems, polynomials, rational expressions, radicals, rational exponents, complex numbers, coordinate geometry, conic sections, logarithms, and trigonometry. Standardized test preparation is interwoven into the curriculum. A graphing calculator is required for this class

**Prerequisite:** Completion of *H Algebra I* with a B+ or better and *H Geometry* with a B- or better

## **BRIDGE TO ALGEBRA II**

**full year - 1 credit**

2102

This course is designed specifically for those students who, after a strengthening of their algebra skills, will be able to learn the difficult concepts covered in Algebra II. The course reviews and reinforces basic algebra skills such as combining like terms, solving multistep equations, algebraic properties, fractions, linear graphing, word problems and factoring. It extends these skills to introduce concepts explored in Algebra II, such as quadratic equations, completing the square, simplifying radicals, and graphing parabolas. Another emphasis of this course will be to help students understand the focus of the problem or equation in order to use appropriate steps and methods necessary to find a solution.

**Prerequisite:** Students must be recommended for this course by their mathematics teacher

## **CP APPLICATIONS OF MATHEMATICS/ALGEBRA III**

**full year - 1 credit**

2112

This is a third year algebra class, which is designed for seniors. It will prepare students for college level mathematics courses and for the work place. Applications of Mathematics/Algebra III includes topics such as probability, statistics, linear programming, voting methods, finance, logarithms, exponential functions and algebra review in preparation for college placement tests and for SAT and ACT exams.

**Prerequisites:** Successful completion of *CP Algebra II* and the recommendation of the mathematics teacher.



**ACP TOPICS IN MATH****full year - 1 credit**

2124

Topics in Math is a course designed for students who have completed Algebra II and are not planning to take calculus in college. It is designed as preparation for a first year non-calculus college math course. Students will learn about solving and graphing linear equations and inequalities, linear programming, set theory, probability, statistics, sequences, series, and financial mathematics including mortgage loans. Real world applications and connections between topics are stressed. This class is intended for students who have not taken PreCalculus. A graphing calculator is required for this course.

**Prerequisite:** Successful completion of *ACP Algebra II*

**ACP PRECALCULUS****full year - 1 credit**

2204

The study of functions and their characteristics serve as the theme for this course. In particular, polynomial, trigonometric functions and their applications, exponential rational, and logarithmic functions are examined. Students will learn to solve equations and develop models to help, explore practical applications. A graphing calculator is required for this course.

**Prerequisite:** *ACP Algebra II* with a B or better.

**H PRECALCULUS****full year - 1 credit**

2205

This course is intended to review and strengthen skills necessary for an AP calculus course. Topics include: functions, math modeling, inequalities, exponents, logarithms, trigonometry, sequences, series, and limits. A graphing calculator is required for this course.

**Prerequisite:** *H Algebra II* with a B- or better

**H PRECALCULUS / CALCULUS A****full year - 1 credit**

2225

This course combines one semester of PreCalculus with one semester ("A") of Calculus. It is designed as a prerequisite for AP CALCULUS BC. Topics include logarithmic, exponential and trigonometric functions, sigma notation, sequences, series, and limits in the first semester. Calculus A topics include limits, derivatives, differentiation, applications of differentiation, and integration. Students who do well in this course are encouraged to move on to AP CALCULUS BC. A graphing calculator is required

**Prerequisite:** Exceptional completion of *H Algebra II* and teacher recommendation. for this course.

**ACP INTRO TO CALCULUS****full year - 1 credit**

2214

Intro to Calculus begins with an in-depth look at rational and polynomial functions, rational inequalities, trigonometry and various other types of functions. Intro to Calculus continues with the study of limits. The derivative is introduced through the study of the tangent line problem. Students become proficient at both explicit and implicit derivatives of polynomial, rational and trigonometric functions. Derivative applications are studied through motion, extrema and related rates. The course continues with anti-differentiation. A graphing calculator is required for this course.

**Prerequisite:** *ACP PreCalculus* with a B- or better and teacher recommendation, or successful completion of *H PreCalculus*

**H CALCULUS****full year - 1 credit**

2215

Calculus topics begin with the study of limits. The derivative is introduced through the study of the tangent line problem and the limit definition of the derivative is developed. Students become proficient at both explicit and implicit derivatives of polynomial, rational, trigonometric, logarithmic, and exponential functions. Derivative applications are studied through motion, extrema, and related rates. The course continues with anti-differentiation. Again, applications are stressed through the investigation of volumes and area between curves. A graphing calculator is required for this course.

**Prerequisite:** *ACP PreCalc* with A or better or *H PreCalc* with B or better and teacher recommendation

**AP ECE CALCULUS AB****full year - 1 credit**

2236

**6 UCONN credits possible**

The AP Calculus course curriculum follows the AP Calculus AB curriculum prescribed by the Advanced Placement Board. The first semester emphasizes a thorough study of derivatives. Students become proficient at both explicit and implicit derivatives of polynomial, rational, trigonometric, logarithmic, and exponential functions. Derivative applications are studied through motion, curve fitting, extrema, and related rates. The second semester stresses the

study of the integral. Applications are stressed through the investigation of volumes, length of curves, volumes of solids of revolution, and surface area. The use of the graphing calculator is an integral part of the course. Students who do well in this course are prepared to succeed with the AP Calculus exam given in May.

**Prerequisite:** Exceptional completion of H Precalculus

### **AP ECE CALCULUS BC**

2246

**8 UCONN credits possible if none were earned for AP ECE Calculus AB**

This course is designed for students who have completed AP ECE Calculus AB Calculus or its equivalent or H PreCalculus/Calculus A. The AP Calculus BC exam is offered in May. The ECE final exams are offered in January and June. Course includes integration strategies, infinite series, power series, MacLauren and Taylor series, Exponential, Differential, Logarithmic, Parametric, Polar and Vector equations.

**Prerequisite:** Exceptional completion of H Precalculus/Calculus A or AP ECE Calculus AB

**full year – 1 credit**

### **ACP STATISTICS**

2304

**full year - 1 credit**

This course includes a variety of activities, projects, and vocational connections. The curriculum concentrates on learning how to appropriately gather, display, interpret, analyze, and use data to make and support decisions. This course may be taken in addition to or in place of Precalculus but does not prepare the student for Calculus. Numerous projects will be included throughout the course connecting the class to current, “real-world” applications of statistics using many of the same topics as AP Statistics.

**Prerequisite:** *ACP Algebra II* with a grade of B or better, or *H Algebra II* with a C or better

### **AP STATISTICS**

2306

**full year - 1 credit**

The AP Statistics course curriculum follows the AP Statistics course curriculum prescribed by the Advanced Placement Board. Numerous projects will be included throughout the course connecting the class to current, “real-world” applications of statistics. Topics include: displaying data, normal distribution, regression (both linear and non-linear), sampling and survey techniques, experimental design, identification of bias, probability and conditional probability, random variables, binomial distribution, geometric distribution, sampling distributions, confidence intervals, and inference tests. Students who select this course will be expected to dedicate an exceptional amount of time and effort on a daily basis. This course will prepare students for the AP Statistics Test in May.

**Prerequisite:** *ACP Algebra II* with grade of B+ or better, or *H Algebra II* with a C or better

### **H ECE ELEMENTARY DISCRETE MATHEMATICS**

2405

**half year - 5 credit  
3 UCONN credits possible**

The topics in this course include problem solving strategies, voting methods, appointment, the mathematics of money, probability and paths and networks.

**Prerequisite:** This course is intended for students who will not need Calculus in college and who have taken *ACP Algebra II* with a B+ or better. Students cannot receive UCONN credits for this course if they are receiving or have received UCONN credits for AP Calculus

### **H ELEMENTARY MATH MODELING**

2415

**half year - 5 credit**

The topics in this class include the use of both algebraic and trigonometric functions with technology to analyze quantitative relationships and to illustrate the role of mathematics in modern life. Graphical, numerical and symbolic methods are explored. A graphing calculator is required.

**Prerequisite:** This course is intended for students who will not need Calculus in college and who have taken *ACP Algebra II* with a B+ or better.

### **COMPUTER SCIENCE WITH JAVA (Mathematics elective)**

2500

**full year - 1 credit**

Computer Science is an introductory computer programming course. It is taught in JAVA. The course is designed to incorporate the concepts of programming, problem solving, programming logic as well as the design techniques of an object oriented language. Students acquire programming skills including loops, conditionals, arrays and applets.

**Prerequisite:** Successful completion of *Algebra II*. Students who will be taking *Algebra II* concurrently will be considered with a teacher recommendation

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## ***MEDIA CENTER***

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Information skills are an integral part of learning. The Library Media Center functions as an extension of the classroom: a student centered, learning laboratory. It is designed as a network of comprehensive services to create a synergistic environment for student, information literacy learning. Its resources are aligned to meet the needs of the curricula. Its mission is to develop information literacy: the ability to find and use information. Students have resource based learning experiences. They can also use technology as a tool to facilitate learning so that they are able to effectively access, organize, evaluate and present information and turn that information into knowledge. Our goal is to improve student achievement.

### **FRESHMAN FOUNDATIONS**

**Quarter year - .25 credit**

*8300 Grade 9*

This is a one quarter course, consisting of daily reading and writing, as well as core units of study including the research process, literature circles, and technological literacy. Each unit of study has been designed to promote individual success, as well as to afford students the opportunity to work collaboratively. Delivering 21st century literacy skills as well as incorporating study skills into each unit ensures freshman a solid foundation, which in turn will help them to succeed in every discipline of study during their high school tenure, college, and out in the work force.

### **STUDENT/PEER TUTOR MEDIA CENTER AIDES**

**half year - .5 credit**

*8301 Grades 9-12*

**5 days per week**

This program is open to all students who would like to peer tutor and assist in the operation of the Library Media Center while earning one half elective credit toward graduation.

Under the direction of the Media Specialists, students will be available at the peer tutoring table and will perform the following tasks: help process and prepare new materials for circulation, shelve materials, assist at the circulation desk, pull books for classes, assist with display cases, cut laminated materials, run errands, and deliver or pickup mail. They will also be expected to assist students with software purchased by the school.

Enrollment is limited to two students per period. Students must complete an application in advance, and the application must be approved by a media specialist prior to enrollment.

### **CREATIVE WRITING HONORS THESIS**

**full year - 1 credit**

*8305 Grade 10-12*

Students will revise and polish a narrative work in excess of one hundred double-spaced pages. Students will work independently and meet once a week with their advisor, who will offer suggestions for revision and assist students with narrative structure. The final grade will be based on the quality of the work itself with special attention paid to the improvement of the work through revisions. Students should understand that the purpose of a writing seminar is revision. They need to be prepared to accept criticism and be open to changes in their stories, both large and small. Emphasis will be placed on the writing process—no matter how talented students may be, they should expect to significantly rewrite their stories. Students who are not prepared to revise in a significant fashion should not consider this seminar.

**Prerequisite:** Students must submit a ten to fifteen page writing sample and a story proposal to be considered for the seminar. The story proposal would outline the story or stories the student is interested in developing over the course of the year. Acceptance into the program will be based on the anticipated capacity for a student's literary growth within the seminar structure.

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## ***MUSIC***

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### **FRESHMAN CHORUS**

**full year - 1 credit**

*8410 Grade 9*

This course is designed for a mixed group of ninth grade students interesting in singing in a choral group. There should be a desire to learn basic music reading and vocal technique skills. Through participation in this group, students

can attain the necessary experience for singing in the Concert Choir. Areas of study are: basic music reading, voice production, and musical interpretation. A variety of music literature is studied and performed. The Freshman Chorus performs at all school concerts. No audition is required.

### **CONCERT CHOIR**

8420 - 3/4 days Grades 10-12

**3/4 days - .75 credit**

8430 - full year -Grades 10-12

**full year - 1 credit**

This course involves the application of good vocal training through the study and performance of choral literature selected from all periods of music history. Both accompanied and unaccompanied music will be performed and some of the repertoire is in a foreign language. The Concert Choir will perform at all school concerts and at other selected events. This choir is open to all students in grades 10-12 without an audition.

### **HONORS CHAMBER SINGERS**

**full year - 1 credit**

8435 Grades 10-12

This course is designed for the advanced choral singer and specializes in music composed for the small but more skilled vocal ensemble. Repertoire is chosen from all musical periods from the sixteenth century to the present and many different styles and languages are represented. The group carries a very active schedule of performances within the school and community. Membership in this group is by audition only.

### **VOCAL MUSIC ENSEMBLES**

**full year - .5 credit**

8440 Grades 9-12

This course involves the application of specific vocal techniques through the study and performance of choral literature selected from all periods of music history. This course is comprised of both Women's and Men's Ensembles, both of which meet on Monday evenings. The prerequisite for this course is participation in at least one of the other choral groups or by permission of the instructor.

### **MARCHING/SYMPHONIC BAND**

8450 - half year - Grades 9-12

**half year - .5 credit**

8460 - 3/4 days - Grades 9-12

**3/4 days - .75 credit**

8570 - full year - Grades 9-12

**full year - 1 credit**

The Marching/Symphonic Band is open to students who play a brass, woodwind, or percussion instrument. The Marching/Symphonic Band participates in numerous, selected marching band competitions, and performs at all home football games. In addition to the regular class period, the ensemble rehearses two evenings a week and Saturday. A ten-day "band camp" in late August is required at which time the season's music and visual design are introduced. In addition, one sectional rehearsal a week after school during the season as well as seven individual or group lessons per marking period either during or after school is required of this course. The Symphonic Band portion of this course begins directly after the Marching Band season is completed. This ensemble will perform at all instrumental concerts and selected Concert Festivals. The students in the Marching/Symphonic Band will develop a great sense of pride, attitude and concentration and the desire to become the best musician they can be. All ninth grade students are required to take this course as a full year one-credit course. *Participation in the highly acclaimed Trumbull High School Golden Eagle Marching Band is a rewarding experience for students, staff and family. This is a time intensive commitment that involves practice and competitions that could involve exciting travel, which will involve fundraising activities to help offset trip costs.*

### **CONCERT BAND**

8480 - half year - Grades 9-12

**half year - .5 credit**

8490 - 3/4 days - Grades 9-12

**3/4 days - .75 credit**

8500 - full year - Grades 9-12

**full year - 1 credit**

Concert Band is open to any ninth, tenth, eleventh, or twelfth grade brass, woodwind or percussion student. A planned program of musicianship is thoroughly implemented. Music for this group will be chosen to challenge musicians of varied levels of experience. This group will perform at all school instrumental concerts and seven individual or group lessons during each marking period, during or after school are required of this course. No auditions are required. All ninth grade students are required to take this course as a "full year - one credit" course.

## **ORCHESTRA/STRINGS**

8510 - 3/4 days - Grades 9-12

**3/4 days - .75 credit**

8520 - full year - Grades 9-12

**full year - 1 credit**

Orchestra is open to any ninth, tenth, eleventh, or twelfth grade violin, viola, cello, or bass students. The music for the Orchestra will be chosen to challenge musicians of varied levels of experience. A planned program of musicianship is thoroughly implemented and students are encouraged to join small ensemble groups which will rehearse outside of class. The Orchestra will perform at all school concerts. No audition is required. It should be noted that wind and percussion students who sign up for this class will be rotated between Orchestra and Marching/Symphonic Bands since both classes meet back to back during the same class period. Saxophone students should not sign up for Orchestra class.

## **JAZZ BAND**

**half year - .5 credit**

8530 Grades 9-12

The Jazz Band will consist of approximately 20 advanced musicians selected from within the membership of the Concert and Symphonic Bands. Based on an audition, additional students on select instruments may also participate in this ensemble. Along with the performance of "Big Band" music from the jazz libraries of Count Basie, Stan Kenton, and Woody Herman, the band will be exposed to the many styles and periods of jazz. Classes are held outside the normal school day. This group will carry an active performance schedule both in school, at competitions, and within the community. Membership is by audition only. **Note: This course meets for the second semester only**

## **COLOR GUARD**

**half year - .5 credit**

8540 Grades 9-12

Color Guard is the auxiliary unit of the Marching Band. This group performs with the Marching Band at parades, field shows, and football games providing color and general effect through the use of flags, rifles, sabers, and dance. Members of the Color Guard are expected to participate in all Marching Band practices and performances as well as attending the "band camp" held late in August. All ninth grade students are required to take this course to participate in the Fall Band Program.

## **WINTER COLOR GUARD**

**half year - .5 credit**

8550 Grades 9-12

Winter Color Guard is a unit made up of members of the Fall Color Guard and Band. This group performs at competitions throughout the winter and spring. Members are expected to participate in all Winter Guard practices and performances. Members must have been a member of the Color Guard or Marching Band from the previous fall season.

## **WINTER PERCUSSION**

**half year - .5 credit**

8560 Grades 9-12

Winter Percussion is a unit made up of members of the Fall Percussion Section and Band. This group performs at competitions throughout the Winter and Spring. Members are expected to participate in all Winter Percussion practices and performances. Members must have been a member of the Percussion Section or Marching Band from the previous fall season.

## **INTRODUCTION TO MUSIC THEORY**

**half year - .5 credit**

8570 Grades 9-12

This course is designed for the student interested in learning about the basics of musical notation in order to improve his/her own musicianship or to become prepared for the study of voice or any other musical instruments. Notation, manuscript writing, major and minor scales, intervals, transposition, basic chords and cadences will be studied. The course will also include keyboard and ear training skills. This course is open to all regardless of previous musical experience.

## **ADVANCED MUSIC THEORY**

**half year - .5 credit**

8580 Grades 10-12

This course is designed for students of music who have a basic knowledge of theoretical fundamentals. Areas covered are altered and extended chords, modulation, four-part voice leading, analysis of musical scores, arranging and creative writing. The course will also include keyboard and ear training skills.

Prerequisite: *Introduction to Music Theory* or permission of the instructor

## MUSIC FUNDAMENTALS - OVERVIEW OF POP/ROCK

half year - .5 credit

8590 Grades 9-12

Students will learn the fundamentals of music, including beat, rhythm, pitch, melody, form and harmony, through studying a wide range of pop and rock music, from classic to the current. Students will gain greater understanding of how music is constructed, including the role of technology, and be able understand the history and the evolution of the beginnings of rock, to the current trends.

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## PHYSICAL EDUCATION/HEALTH

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### HEALTH 9

8700 Grade 9

Daily

Quarter Year - .25

### PHYSICAL EDUCATION 9

8701 Grade 9

Daily

Half Year - .5

### PHYSICAL EDUCATION 10

8702 Grade 10

2 out of 4 Days

Full Year - .5

### PHYSICAL EDUCATION 11

8703 Grade 11

2 out of 4 Days

Full Year - .5

### Required Physical Education:

Freshmen, Sophomore, and Junior classes are required to participate in the Connecticut Physical Fitness Assessment. Specialized analysis includes the assessment of skill acquisition, knowledge, ability to apply strategy to participation, and identifying origin and cultural links to activities. Core activities include a wide variety of team and individual sports with an emphasis on healthy lifestyles and life-long activities.

### Required Health:

Health class is a comprehensive approach to making healthy choices regarding personal health and safety, community and environmental health. Topics included nutrition, substance abuse, alcohol (ism), and human relationships are presented to enable students to make informed and difficult decisions. HIV/AIDS is the focus of the sexually transmitted disease unit. **Any student whose parents opt to have them exempt from participating in the family life education program according to General Statute 10-16e will receive an alternative assignment during the unit.**

\*To accommodate scheduling, the final Physical Education requirement may be fulfilled in junior or senior year.

Any student failing Physical Education/Health will not be eligible to participate in the school's interscholastic athletic program. Interscholastic athletes are not allowed to use practice or competitions as an excuse for failure to participate in

### Physical Education/Health Procedures:

#### Lack of Participation (Medical)

1. If a student is absent more than one week (4 calendar days based on the 4 day week), a doctor's note is required.
2. A note from a physician must state the length of time the student is excused as well as the reason for the excuse.
3. A note from the doctor stating that the student may return to physical activity must accompany the student upon return to class.
4. It is the student's responsibility to follow up with the Physical Education Department Chair and School Nurse every two weeks regarding medical status. Failure to report may affect student's Physical Education credit requirement.
5. Any sophomore or junior who misses Physical Education for a total of ten (10) calendar weeks must repeat the semester. Any freshman student who misses Physical Education for a total of five (5) calendar weeks or more must make up a semester to receive credit for Physical Education. Failure to do so may prevent a student from graduating with appropriate Physical Education credit.

6. Any sophomore or junior who misses Physical Education fewer than ten (10) calendar weeks or freshman student who misses fewer than five (5) calendar weeks must write a paper for each unit missed. Lost credit must be made up prior to graduation.
  - a. Papers will focus on aspects of Physical Education, fitness, healthy lifestyles or other topics agreed upon by teacher and student.
  - b. Papers will be 2-3 pages each, doubled spaced, one-inch margins, and 12 point font.
7. Any 9<sup>th</sup> grade student medically excused from physical activity must still fulfill their health requirement. Students should meet with their respective teachers to prevent missed health classes.
8. Any student excused for a calendar year must make up the requirements in following years subsequent to graduation.
9. Any student medically excused cannot participate in an interscholastic (sport) or other physically demanding extracurricular activity (marching band/color guard) and will not receive credit for absences accrued during the medical excuse.

**Physical Education/Health Electives:**

All elective courses will meet 2 of 4 days for a semester. The credit value is .25 Elective credits may be applied towards graduation, and are factored into grade point average.

**BASIC WEIGHT TRAINING**

**half year - .25 credit**

*8704 Grades 10-12*

(No prerequisite. Enrollment 25)

Offered Semester 1

This course will give students an opportunity to develop strength and muscle tone. Students learn how to spot effectively and work out in teams while focusing on individual strength development. Free weights and exercise machines will be utilized along with proper fundamentals of effective weight training. Safety is a constant and cooperation and respect are essential to provide safe instruction.

**ADVANCED WEIGHT TRAINING/POWER LIFTING**

**half year - .25 credit**

*8705 Grades 10-12*

(Prerequisite: Approval of department chair. Enrollment 25) Offered Semester 2

This course is for the student committed to improving athletic performance through weight training. The Bigger-Faster-Stronger (BFS) curriculum is taught and strictly followed. The course includes basic core lifts, speed workouts, and plyometrics. Students are required to know the fundamental principles of strength gain and weight training.

**RECREATION GAMES**

**half year - .25 credit**

*8706 Grades 10-12*

(No prerequisite. Enrollment: 25) Offered Semester 1.

Activities are team oriented and rigorous. Teamwork, cooperation, decision-making, and strategy should be demonstrated through student performance. Students must be cognizant of the goals, objectives, and rules of games to successfully meet expectations. Games include soccer, football, floor hockey, volleyball and other challenging team games.

**INTERNATIONAL GAMES**

**half year - .25 credit**

*8708 Grades 10-12*

(No prerequisite. Enrollment 25) Offered Semesters 1 & 2

Students will learn the rules (etiquette), history, culture and strategy behind games from various countries. Emphasis will be placed on the origin and multicultural aspects of the activity. Activities include cricket, rugby, and bocce. Other possibilities include curling and fencing. Students will be required to know the etiquette and history of the sports.

**INDIVIDUAL LIFETIME SPORTS**

**half year - .25 credit**

*8709 Grades 10-12*

(No prerequisite. Enrollment: 24) Offered Semesters 1 & 2.

Activities focus on individual lifetime sports and developing skills necessary to achieve competency. Archery, badminton, tennis, ping-pong, and golf are an example of activity offerings. Skills will be analyzed and critiqued during the course or participation. Course is activity based and all students are required to be prepared daily.

**PERSONAL FITNESS****half year - .25 credit***8710 Grades 10-12*

(No prerequisite. Enrollment 24) Offered Semesters 1 &amp; 2

This course is specifically designed for those students wishing to improve areas of flexibility, muscular strength, muscular endurance and cardiovascular improvement. Activities will include, yoga, pilates, weight room, strength bands and other fitness related ideals. Activities will be based on needs, interests and abilities of the group. The main focus will be on the importance of being fit for life. This course will also provide background for students to assess their personal fitness needs and ways to improve oneself.

**SCIENCE**

The Science Department offers a wide variety of courses drawing from the many areas of biological and physical sciences. This is aimed at providing each student with the opportunity to meet his/her three-year science requirement with courses commensurate with his/her ability level and interest while supporting a core of Biology, Chemistry, and Physics. The Science Department encourages students to take elective science courses beyond the three-year requirement in order to better prepare themselves to cope in a world of ever increasing technological development. Authentic experiences and field studies are present across the entire science program and change from year to year to match the needs of our students and ever changing role of science in our world.

It is essential that students confer with their parents and teachers before choosing their science courses.

Possible course sequences are listed below. These are suggestions intended as guidelines to students and their parents with actual course selection subject to a yearly review.

Grade	College Prep (CP)	ADV College Prep (ADV CP)/Honors	Honors
9	CP Physical Science	ACP Physical Science	H Introduction to Physics & Chemistry
10	CP Biology	ACP Biology and Elective	H Biology or AP Biology and Electvie
11	CP Chemistry	ACP Chemistry	H Chemistry or AP Chemistry
12	CP Physics	ACP Physics and Elective	H Physics or AP ECE Physics or AP Phsyics with Calculus or AP Chemistry or AP ECE Environmental Science

**CP PHYSICAL SCIENCE****full year – 1 credit***3012 Grade 9*

This course follows the Connecticut State Frameworks for Grade 9 students. Student will explore topics of Energy, Properties & States of Matter, Atomic Structure, The Periodic Table, Chemical Bonding & Reactions, Carbon Compounds and their role in society, Solutions, Acids, & Bases in our environment, and Electricity & Magnetism through data collection, analysis and interpretation of data, and communication of scientific ideas.

**ACP PHYSICAL SCIENCE****full year – 1 credit***3014 Grade 9*

This course follows the Connecticut State Frameworks for Grade 9 students. Through the use of experimental design and qualitative and quantitative descriptions, students will explore topics of Energy, Properties & States of Matter, Atomic Structure, The Periodic Table, Chemical Bonding & Reactions, Carbon Compounds and their role in society, Solutions, Acids, & Bases in our environment, and Electricity & Magnetism.

**Prerequisite:** A grade of B or better in eighth grade science in conjunction with a collaborative effort between the high school and middle school personnel through the discussion of the grid selection instrument

**Recommendation:** Currently taking *Algebra I* or higher

**H INTRODUCTION TO PHYSICS AND CHEMISTRY****full year - 1 credit***3015 Grade 9*

This course follows the Connecticut State Frameworks for Grade 9 students. In addition to the topics covered in ACP Physical Science, students will explore concepts of Motion, Forces, and Momentum. This course emphasizes mathematical



connections to science concepts.

**Prerequisite:** Completion of Algebra 1 in 8th grade in conjunction with a collaborative effort between the high school and middle school personnel through the discussion of the grid selection instrument. Approval of Department Chair

### **CP BIOLOGY**

*3022 Grade 10*

**full year – 1.25 credit  
with laboratory**

This introductory course of Biology is a year long survey of such topics as cellular biology, biochemistry, taxonomy, evolution, human body systems, as well as traditional and applied genetics. Student centered activities are included to support the study of these areas. CAPT preparation is incorporated into the design of this course

**Prerequisite:** This course is open to any student who has completed *CP Physical Science* or *ACP Physical Science*

### **ACP BIOLOGY**

*3024 Grade 10*

**full year – 1.25 credits  
with laboratory**

This introductory course of Biology is a year long in depth study of such topics as cellular biology, biochemistry, taxonomy, evolution, human body systems, as well as traditional and applied genetics. Student centered activities are included to support the study of these areas. Emphasis is placed on analytical and critical thinking skills, data interpretation and other CAPT preparatory skills.

**Prerequisite:** Successful completion of *ACP Physical Science*

### **H BIOLOGY**

*3025 Grade 10*

**full year - 1.25 credits  
with laboratory**

This course fosters a higher level of student independence. Concepts introduced will be studied in great detail. The course will focus on such topics as cellular biology, biochemistry, evolution, taxonomy, human body systems, as well as traditional and applied genetics. Student centered activities are included to support the study of these areas. Lab work will be extensive and will require independent research. CAPT preparation is also integrated into the course.

**Prerequisite:** Successful completion of *Introduction to Physics & Chemistry Honors* or A- or better in *ACP Physical Science* and teacher recommendation

### **AP BIOLOGY**

*3026 Grades 11 or 12*

**full year - 1.25 credits  
with laboratory**

This is a college level introductory biology course taught as a complete survey of all major biological theories. Development of laboratory skills along with independent researching skills is an integral part of the program. Students must take the AP Examination in the spring.

May not be taken as a pass-fail course.

**Prerequisite:** Grades of A- or better in *H Introduction to Physics & Chemistry* and approval of Department Chair. May be taken in Grade 10 with strong teacher recommendation

### **CP CHEMISTRY**

*3032 Grade 11*

**full year – 1.25 credits  
with laboratory**

This is a laboratory course designed to provide the student with the concepts and processes that emphasize the structure of matter and its interactions in the physical world. The course content includes qualitative and quantitative aspects of matter, atomic structure, periodic law, general chemical reactions, kinetic theory, gas laws, organic compounds, and nuclear chemistry. Student objectives and laboratory experiments are designed to help the students gain an understanding of chemical concepts and processes, to learn to use common laboratory equipment with proper measuring techniques, and to collect and analyze laboratory data.

**Prerequisite:** This course is open to any student who has completed *CP Biology* and *CP Physical Science* or *ACP Physical Science*

### **ACP CHEMISTRY**

*3034 Grade 11*

**full year – 1.25 credits  
with laboratory**

This is a laboratory course designed to provide the student with the concepts and processes that emphasize the structure of matter and its interactions in the physical world. The course content includes qualitative and quantitative aspects of matter, atomic structure, periodic law, general chemical reactions, kinetic theory, gas laws, organic compounds, and nuclear chemistry. Student objectives and laboratory experiments are designed to help the students gain an understanding of chemical concepts and processes, to learn to use common laboratory equipment with proper measuring

techniques, and to collect and analyze laboratory data. This course places a stronger emphasis on quantitative analysis than CP Chemistry.

**Prerequisite:** A grade of C or better in *Algebra I* and a grade of C or better in *ACP Physical Science* and *ACP Biology*.

**Requirement:** Must be concurrently taking *ACP Algebra II* or higher

## **H CHEMISTRY**

*3035 Grade 11*

**full year - 1.25 credits**

**with laboratory**

This course covers the basic chemistry topics of measurement, atomic structure and theory, periodic table and trends, chemical bonding, formula writing, chemical reactions and equation writing, stoichiometry, kinetic theory of matter, gases, aqueous solutions, colligative properties, acids, bases, and how they interact, thermochemistry, kinetics, LeChatelier's principle, re-dox reactions, nuclear chemistry, and organic chemistry. Problem solving skills, in particular those requiring mathematical skills, are emphasized. There are also greater demands upon the student in terms of written reports and independent projects and thinking skills.

**Prerequisite:** B or better in *H Biology*, or *A-* or better in *ACP Biology* and recommendation of teacher

**Requirement:** Must be concurrently taking *H Algebra II* or higher OR prior completion of *ACP Algebra II*

## **AP CHEMISTRY**

*3036 Grades 11 or 12*

**full year - 1.25 credits**

**with laboratory**

This is a college level introductory chemistry course with emphasis on the quantitative and qualitative aspects of inorganic chemistry. Development of laboratory skills in analytical procedures is stressed, and considerable opportunity for individual study is offered. Students must take the AP Examination in the spring.

May not be taken as a pass-fail course.

**Prerequisite:** Grades of B or better in *H Biology* or *H Chemistry* and permission of Department Chair. May only be taken as a junior elective with permission of Department Chair

## **CP PHYSICS**

*3102 Grade 12*

**full year - 1 credit**

This course consists of a practical study of mechanics, heat, sound, electricity, magnetism, light, atomic physics, and astrophysics, stressing technological application. It is similar to ACP Physics except that there is less of a need for mathematical skills. It is designed to acquaint the student with physics, as it is applicable in every day life. Recommended for students planning to attend college, but who are not planning to major in science.

**Prerequisite:** *CP Chemistry* or *ACP Chemistry*

## **ACP PHYSICS**

*3104 Grade 12*

**full year - 1.25 credits**

**with laboratory**

This course comprises a quantitative study of mechanics, wave phenomena, optics, heat, electricity, and magnetism. The course demonstrates the mathematical relationships in physics concepts and applies these relationships to problem solving situations.

**Prerequisite:** Successful completion of *ACP Chemistry*

## **H PHYSICS**

*3105 Grade 12*

**full year - 1.25 credits**

**with laboratory**

An intense exposure to the main areas of Physics using a similar curricula to the AP Physics B course. The course will not, however, use the same timeline and will not, therefore, be as intense.

**Prerequisite:** A grade of B or better in *Honors* or *AP Biology* or a grade of A- in *ACP Chemistry*

## **AP ECE PHYSICS B**

*3106 Grade 12*

**full year - 1.25 credits**

**(with laboratory) 8 UCONN Credits possible**

This is the equivalent of an introductory college course without calculus. Comprises the same topics as ACP Physics, with greater depth, along with the following additional topics: circular motion, angular motion, modern atomic physics, and relativity. Superior mathematical and problem solving skills are required. Students must take the AP Exam in the spring. May not be taken as a pass-fail course.

**Prerequisite:** A grade of B or better in *H Chemistry* and concurrently taking *Precalculus*

## **AP PHYSICS C**

*3116 Grade 12*

**full year - 1.25 credits**

**with laboratory**

This course is similar to AP ECE Physics B except that calculus is used to deepen an understanding of Physics. There

is also a greater stress in the areas of motion, electricity, and magnetism. It is recommended for students seriously considering a career in science or engineering. May not be taken as a pass-fail course.

**Prerequisite:** B+ or better in *AP Chemistry* and teacher recommendation. A or better in *H Chemistry* and teacher recommendation. Students enrolled in the summer school accelerated Pre Calc Course in the preceding summer, must have science Department Chair approval to enroll in this course. Students must take the AP exam in the spring.

**Requirement:** Must be taken concurrently with *AP Calculus*

## SCIENCE ELECTIVES

*Electives are offered dependent upon instructor availability and may have limited enrollment*

### CP HUMAN ANATOMY AND PHYSIOLOGY

**full year – 1 credit**

*3122 Grade 12*

This course is designed for students wishing to pursue positions in the Health and BioScience fields such as a nurse's aides and nurse's assistants. Field trips and visitations to local hospitals and health care facilities are part of the curriculum. Dissections are a mandatory component of this curriculum.

**Prerequisite:** Completion of *CP Physical Science*, *CP Chemistry*, and *CP Biology* with a grade of C or better or permission of the instructor

### ACP HUMAN ANATOMY AND PHYSIOLOGY

**full year – 1 credit**

*3124 Grade 12*

This course will enable students to acquire a mastery of understanding of the workings of the human body and the interrelationships of its various parts. Concepts concerning functions vital for the continuation of life and homeostasis will also be covered. The organization of the body from simple to complex levels and an introduction to all of the body's organ systems will be additional topics. Each unit covered will contain various activities/labs to enhance our study of anatomy and physiology. Certain health issues will also be covered in this course. This course is designed for students wishing to pursue employment in the Health and BioSciences fields such as nursing, physical therapy, and medical technology. It helps students meet many of the skill Prerequisite specified by the State of Connecticut as needed for respective entry-level positions in those areas. Several field trips and job visitations are required. Dissections are a mandatory component of this curriculum.

**Prerequisite:** Completion of *ACP Physical Science*, *ACP Chemistry*, and *ACP Biology* with a grade of B or better

### H HUMAN ANATOMY AND PHYSIOLOGY

**full year – 1 credit**

*3125 Grade 12*

This course is an intense exposure to the main areas of Human Anatomy and Physiology covered in *ACP Anatomy and Physiology*. There are greater demands upon the student in terms of reading assignments and independent projects. The depth of the material covered will be equivalent to that of a college level Anatomy and Physiology course. Major independent projects and research papers are required. Students are encouraged to concurrently take H Physics. Dissections are a mandatory component of this curriculum.

**Prerequisite:** A grade of B+ in *Biology Honors* or *AP Biology* or permission of the Science Chairperson

### ACP MARINE SCIENCE

**fall sem. – .625 credit  
with laboratory**

*3134 Grade 12*

**Students enrolling in Marine Science must enroll in Environmental Science for the spring semester.** This course includes a wide-ranging study of the earth's marine environment emphasizing the oceans and Long Island Sound. Field trips are taken during laboratory periods in the fall and spring semesters to Lordship salt marsh, beaches, and other selected sites. Several all day field trips include the Museum of Natural History and South Street Seaport in New York, and the Mystic Marine Life Aquarium. Students should be expected to carry out independent projects as well as set up and maintain a saltwater aquarium in the classroom. May not be taken as a pass-fail course.

**Prerequisite:** A grade of B or better in *Biology* and *Chemistry*

### ACP ENVIRONMENTAL SCIENCE

**spring sem. – .625 credit  
with laboratory**

*3144 Grade 12*

**The course is open to students that have taken Marine Science in the fall semester as well as satisfying the Prerequisite written below.** Environmental Science is an interdisciplinary course which embraces a wide variety of topics from the chemical, physical, geological and biological aspects of the environment emphasizing qualitative and quantitative studies. The course contains substantial laboratory and research components, and students should be prepared to spend substantial amounts of time outside of class engaged in field studies.

**Prerequisite:** Grades of at least a B in *ACP Biology* and *ACP Chemistry* or permission of the Department Chair

### **AP ECE ENVIRONMENTAL SCIENCE**

*3146 Grade 12*

**full year – 1.25 credits  
with laboratory**

AP Environmental Science is a rigorous interdisciplinary course for highly motivated students. It embraces a wide variety of topics from the chemical, physical, geological, and biological aspects of the environment emphasizing quantitative studies. AP Environmental Science contains a substantial laboratory and research component in which students must collect quantitative environmental data, analyze it, and draw valid conclusions. May not be taken as a pass-fail course.

**Prerequisite:** Grades of at least an A- in *ACP Biology*, *ACP Chemistry*, and *ACP Algebra II* or a B+ in *H Biology*

### **SCIENCE ACADEMY**

*3200 Grades 9 and 10*

**full year – .5 pass/fail ind. study credit**

This structured independent study endeavor meets after school. There will be a sequence of biotechnology related labs that must be completed along with related follow-up assignments. Students who successfully complete the labs and assignments will be awarded independent pass/fail study credit. The enrollment is capped at 15 students. The academy will be offered based on teacher availability for that school year. This credit cannot be used to satisfy the graduation requirement for science.

**Prerequisite:** Students who are interested must have a letter of recommendations from their current science teacher and must be interviewed and selected by committee

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## ***SOCIAL STUDIES***

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### **CREDIT REQUIREMENTS**

Students must have a minimum of three (3) Social Studies credits accumulated during grades 9-12 in order to qualify for graduation. The required graduation courses are Global Civilization, United States History, Senior Social Science (Economics and Political Science). Connecticut state law requires that all students pass a full-year course in U.S. History and a one-half credit course in civics and American government. Students who take Political Science, AP ECE American Government and Constitutional Studies, or H Justice and Law will fulfill the civics requirement.

In all required courses, the Social Studies Department offers CP, ACP, and H classes. Additionally, AP ECE courses are offered in Economics, European History, American Government and Constitutional Studies, and U.S. History. In courses that offer both AP and ECE credit, students may choose either AP or ECE. Other advanced courses are offered in AP Psychology and H ECE International Relations.

**AP Prerequisite: Teacher recommendation in a current honors social studies class is required.**

Grade 9 students must take and pass the Global Civilizations course. Students will be placed into the 9th grade Global Civilizations courses based on prior academic performance, state and national test scores, literacy profiles, along with teacher recommendation at the time of placement.

Grade 10 students must take and pass the U.S. History course. Tenth grade honors students may take the U.S. History Honors or Global Insights Honors. If Global Insights Honors is selected, students must take and pass U.S. History in the 11th grade. If a U.S. History course is selected in the tenth grade, AP ECE U.S. History cannot be taken in Grade 11. Placement is based on state and national test scores, literacy profiles, past academic performance, and teacher recommendation.

Grade 11 students may select the full-year Great Issues of the Modern World or H ECE International Relations course, which earns a social studies credit but cannot be used to replace the required courses for graduation. Eleventh grade honors students may take AP ECE American History or H U.S. History to fulfill the United States History requirement. Grade 11 students who selected H U.S. History in grade 10 may select Great Issues of the Modern World or H ECE International Relations, AP Psychology, H Global Insights, AP ECE European History, or H Justice and Law in grade 11 for a social studies credit. These courses cannot be used to replace required program courses. Placement is based on state and national test scores, literacy profiles, past academic performance, and teacher recommendation.

Grade 12 students must take Senior Social Science (Political Science and Economics) or AP ECE American Government and Constitutional Studies, or H Justice and Law to fulfill the state civics requirement. They may also select AP ECE Economics or AP ECE European History, based on state and national test scores, literacy profiles, past academic performance, and teacher recommendations at the time of placement. They may also select a variety of electives, listed at the end of the Social Studies section.

Listed below is a possible course sequence recommendation. It should be noted, however, that students are not locked into this track.

<b>Grade</b>	<b>College Prep (CP)</b>	<b>Advanced College Prep (ACP)</b>	<b>Honors/AP/ECE</b>
<b>9</b>	CP Global Civilizations	ACP Global Civilizations	H Global Civilizations
<b>10</b>	CP U.S. History	ACP U.S. History	H Global Insights H U.S. History AP ECE U.S. History
<b>11</b>	Great Issues of the Modern World Elective courses See course descriptions at the end of the Social Studies section	Great Issues of the Modern World Elective courses See course descriptions at the end of the Social Studies Section	AP ECE U.S. History H U.S. History  ELECTIVE COURSES H ECE International Relations AP Psychology AP ECE European History H Justice & Law
<b>12</b>	CP Economics & Political Science Elective courses	ACP Economics & Political Science Elective courses	AP ECE American Government and Constitutional Topics AP ECE Economics AP ECE European History AP Psychology Elective courses

**CP GLOBAL CIVILIZATIONS**

**full year – 1 credit**

*4012 Grade 9*

This course follows the same chronological arrangement of subject matter as the course in Global Civilizations described above. The course provides a broad historic panorama for interpreting today’s international relations. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendations at the time of placement.

**ACP GLOBAL CIVILIZATIONS**

**full year – 1 credit**

*4014 Grade 9*

This course revolves around global history, emphasizing how interdependence in the contemporary world has evolved through more or less continuous contact among civilizations. The objective of this course is to provide a broad historic panorama for interpreting today’s international relations. Placement will be based on standardized test scores, past performance, literacy, and teacher recommendations at the time of placement.

**H GLOBAL CIVILIZATIONS**

**full year – 1 credit**

*4015 Grade 9*

This course is a special adaptation of Global Civilizations for students whose ability and performance in past social studies courses and state and national tests indicate that they will benefit from more in-depth work. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation at the time of placement.

*A course in U.S. History is required of all students, and one credit MUST be earned for graduation.  
Students who take U.S. History may not take AP ECE U.S. History.*

### **CP U.S. HISTORY**

**full year – 1 credit**

*4022 Grade 10*

This course follows the same chronological arrangement of subject matter content as the Advanced College Prep course in United States History. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

### **ACP U.S. HISTORY**

**full year – 1 credit**

*4024 Grade 10*

This course is a study of our country from the period leading to the separation from England to current times. The course will include the history and a brief outline of the operation of the Constitution with an interpretation of the Amendments as they appear chronologically. Special efforts will be made to develop understandings of concepts so students will gain insights in the cause and effect relationships of history. Placement will be based on standardized test scores, literacy profiles, past performance, and teacher recommendation.

### **H U.S. HISTORY**

**full year – 1 credit**

*4025 Grade 10*

This course is a special adaptation of U.S. History for students whose ability and performance in past social studies courses indicate that they will benefit from more in-depth work. Placement will be based on standardized test scores, literacy profiles, past performance, and teacher recommendation.

### **AP ECE U.S. HISTORY**

**full year – 1 credit**

*4026 Grades 10-11*

The AP program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States History. The course prepares students for intermediate and advanced college courses by making demands on them equivalent to those of full year introductory college courses. It is recommended that students take the AP exam. College credit may be awarded to those who score successfully. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation. AP ECE U.S. History cannot be taken as a Pass/Fail credit.

Grade 11 students who took H Global Insights in Grade 10 may take H U.S. History, or AP ECE U.S. History with teacher recommendation to fulfill the U.S. History graduation requirement.

Students who took H U.S. History in Grade 10 may take H ECE International Relations, AP Psychology, H Global Insights, AP ECE European History, AP ECE Economics, or H Justice and Law in Grade 11. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

Grade 11 students may take the Great Issues of the Modern World, H Justice and Law, AP ECE Economics, or AP Psychology courses and earn a social studies credit. Students may also select an elective course which does not earn a social studies credit. It is important to note that these courses do not fulfill the social studies graduation requirement of three credits.

Grade 12 students must take Senior Social Science (Political Science and Economics) or AP ECE American Government/Constitutional Studies. They may also select AP ECE Economics or AP ECE European History, based on past performance, literacy, and teacher recommendation. They may also select a variety of electives, listed at the end of the Social Studies section.

## **SENIOR SOCIAL SCIENCE**

The Senior Social Science course is the required program for the 12<sup>th</sup> grade student. It is recommended that the two courses not be taken in the same semester. It consists of two one-semester courses about the political and economic systems of the United States. If a student fails the course in the first semester, it must be repeated in the second semester, in addition to completing satisfactorily the second half-year requirement.

H Political Systems would be available to juniors who are planning to take AP ECE Economics or AP ECE European History in their senior year. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

**CP U.S. ECONOMIC SYSTEM****half year – .5 credit***4032 Grade 12*

This college prep course focuses on the U.S. economic system of free enterprise. This course meets the state civics Prerequisite. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

**ACP U.S. ECONOMIC SYSTEM AND CURRENT RELATED TOPICS****half year – .5 credit***4034 Grade 12*

This course includes the study of the system of economics as practiced in the United States with attention given to both principles and institutions. Emphasis will be given to the topics of supply and demand, gross national product, money and banking, and monetary policy. Included also will be current issues relating to these principles and institutions. Placement is based on state and national test scores, literacy profiles, past academic performance, and teacher recommendation.

**H ECONOMICS****half year – .5 credit***4035 Grade 12*

This course is an in-depth study of economic theory and principles, with special emphasis on the application of those principles in the American system. Representative topics are: supply, demand and equilibrium, fiscal policy, monetary policy, business organizations, and problems of monopoly and competition. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

**AP ECE ECONOMICS****full year – 1 credit***4036 Grades 11-12*

The first semester of this course will be devoted to the study of Microeconomics. The purpose of this segment is to give the student a thorough understanding of the principles of economics as it applies to the roles of consumers, producers, labor, and government. It places an emphasis on basic economic concepts such as costs, scarcities, and choices. The second semester will contain topics in the study of Macroeconomics. The purpose of this segment is to give the student a thorough understanding of the principles of economics as it applies to the economic system as a whole. This semester will emphasize the study of national income, economic growth and stability and international developments in our global markets. The student will be expected to employ a variety of research, organizational and writing skills, and will learn to incorporate analytical techniques as well as diagram and graph presentations to support his/her reasons or arguments. This course may enable the student to earn possible college credit for a basic course in Economics. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

**CP U.S. POLITICAL SYSTEMS****half year – .5 credit***4042 Grade 12*

This college prep course addresses the structure and function of the national, state, and local governments of the United States. This course meets the state civics Prerequisite. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

**ACP U.S. POLITICAL SYSTEM/CONTEMPORARY ISSUES****half year – .5 credit***4044 Grade 12*

This course deals with the structure and function of the national, state, and local governments of the United States. Special attention will also be given to contemporary issues which demonstrate the operation of our democratic system. This course meets the state civics prerequisite. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

**H POLITICAL SCIENCE****half year – .5 credit***4045 Grade 12*

This course is a thorough study of the political theory and principles which form the basis of the United States Government. Special attention focuses on the mechanics and operation of the government, featuring assigned readings of current related issues for student analyses. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

**AP ECE AMERICAN GOVERNMENT/CONSTITUTIONAL STUDIES****full year – 1 credit***4046 Grade 12*

This full-year course provides for a college level experience and is an intensive study of the formal and informal structures of government. The year long course is designed to prepare students for the AP exam as well as obtaining the knowledge

for effective citizenship. This course is also aligned with the “We the People...the Citizen and the Constitution” program sponsored by the Center for Civic Education and the Connecticut Consortium for Citizenship and Law. Students who take the course will fulfill their senior social science obligation and will also participate in the state finals of the “We the People” competition. It is recommended that students take the AP exam. College credit may be awarded to those who score successfully. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation. **This course meets the state civics requirement.**

## SOCIAL STUDIES ELECTIVES

Students may elect to take courses listed on this page for general credit. However, these courses are NOT applicable as credit toward fulfilling the Social Studies three-credit requirement for graduation. *H ECE International Relations, Great Issues of the Modern World, H Justice and Law, AP Psychology, and AP ECE European History* earn Social Studies credit but cannot substitute for the graduation Prerequisite in this content area.

### ARCHAEOLOGY and HISTORICAL TOPICS

**half year – .5 credit**

*4100 Grades 9-12*

Archaeology and Historical Topics is a course that will give an insight into how an archaeologist unlocks the secrets of the past through the discovery and analysis of artifacts. The course will include the following topics: the study of the archaeological process, the examination of artifacts, the analysis of the theories of the development of man kind, the history of the native people of the Americas, the study of various types of maps, the analysis of the tools which an archaeologist will use to date a site, and a study of the local history of Trumbull and the surrounding area. The class will be conducted as an interdisciplinary approach to social studies.

### ART HISTORY in WAR and PEACE

**full year – 1 credit**

*4110 Grades 10-12*

This year-long course is a thematic approach to learning about the intrinsic connections between art and history. The main theme of the course is learning about the art and architecture that was produced during periods of war and peace which often reflect the culture of the time period. Students will learn about great masterpieces and also some that are not so well known and will include many different forms of art. Students will learn how history has influenced art, and how it can be used to understand history. The breadth of the course will stretch from ancient civilizations to today.

**Prerequisite:** *Global Civilization*

### COMPARATIVE WORLD RELIGIONS

**half year – .5 credit**

*4120 Grades 9-12*

This course will concentrate on an in-depth study of the major religions of Judaism, Christianity, Islam, Hinduism, and Buddhism. For each religion, the following will be studied: origins, historical development, aspects of the divine, sacred texts, sacred persons, ethical principles, sacred space, sacred time, death and the afterlife, and the relationship between religion and society. The religions of Zoroastrianism, Jainism, Sikhism, Confucianism, Taoism, and Shintoism will also be recognized.

### CULTURAL ANTHROPOLOGY

**half year – .5 credit**

*4130 Grades 11-12*

This course is a study of cultures around the world. Various aspects of culture are studied: food, economy, social stratification, gender, marriage and family, interest groups, political life, psychology, religion, and the arts. Emphasis will be given to cultural comparisons, subcultures, and analyzing the change of cultures over time.

### GREAT ISSUES OF THE MODERN WORLD

**full year – 1 credit**

*4140 Grade 11*

This is a full-year course, offered to students who have completed both Global Civilization and U.S History survey courses. Geo-political issues will be explored from an international perspective, to help students see the ever-increasing interconnectedness of issues and challenges facing countries in the 21st century.

### GREAT THINKERS/INTRO TO PHILOSOPHY

**half year – .5 credit**

*4150 Grades 11-12*

This course will introduce students to a variety of philosophical theories while guiding them through the development and analysis of their own philosophies. Students analyze works of philosophy authors including Socrates, Plato, Aristotle, Kant, and Nietzsche, then use critical thinking and argumentation skills to address key philosophical questions such



as what is real? and what is the purpose of life? The culminating activity involves presenting and defending ones own view of the world.

## **JUSTICE AND LAW**

**half year – .5 credit**

*4160 Grades 11-12*

The objective of this course is to provide students with an understanding of the major aspects of our legal system. The major concentration will focus on the application of the law today. Special emphasis will be given to civil and criminal procedures, the juvenile system, the First and Fourth Amendments, modern Supreme Court decisions as well as current topics.

## **H JUSTICE AND LAW**

**full year – 1 credit**

*4165 Grades 11-12*

This course is a year long in-depth look at the country's legal system. Students will become familiar with criminal and civil law as well as trial practice and preparation. Students who take this course will be required to participate in the Connecticut High School Mock Trial Competition, which is sponsored by the Civic Education and Civics First. The first semester of the class will focus on trial practice and trial preparation as the class will prepare for the competition in December. The second semester will focus on criminal and civil laws and the analysis of the American legal system. Placement will be based on standardized test scores, past performance, literacy, and teacher recommendation. This class may require and involve after school work, activities and competitions. **This course meets the state civics requirement.**

## **PSYCHOLOGY**

**half year – .5 credit**

*4170 Grades 11-12*

This is an introductory course designed to develop the student's interest in studying human behavior using the tools of the social scientist. The student will learn the scope of psychology, the historical development of psychology as a science, and the techniques used in psychological study. The students are also required to research and present a special final project in possible areas of concentration, such as a variety of psychological experiments or research, understanding personality, the role of heredity and environment in development, mental health issues, sensation, and perception. Students who select Psychology will not be permitted to also select the AP Psychology course.

## **SOCIOLOGY**

**half year – .5 credit**

*4180 Grades 11-12*

This introductory course in sociology will help the students to understand the behavior of humans as members of various groups. After a brief introduction to the scope and nature of sociology as a social science and the development of an understanding of the techniques used in sociological research, the students will be given the opportunity to explore those areas which they find relevant to their own interests and needs. Among the topics suitable for study are: the family as a social institution, status and role, class structure, social mobility, human ecology, deviant behavior, and social and cultural change. These topics are merely illustrative.

## **H ECE INTERNATIONAL RELATIONS**

**full year – 1 credit**

*4195 Grade 11*

This course is a study of American foreign policy in international events throughout the 20th and 21st centuries. The course examines the impact these policies have on our country and the global community. It also examines the role of intergovernmental and non-governmental organizations and their influences on foreign policy. Students will have the opportunity to analyze historical documents in current events and to apply their evaluation to simulations of real-life foreign policy. Students who take this course will be required to actively participate in Model UN activities. Placement will be based on standardized test scores, past performance, literacy, and teacher recommendation.

## **H GLOBAL INSIGHTS**

**full year – 1 credit**

*4204 Grades 10-12*

Global Insights is an in-depth course, which expands upon the knowledge gained from the ninth grade social studies program. Using revolution as the basis for study, the course concentrates on five areas of revolutionary history. The main units of study are an introduction to revolution, Middle Eastern issues, and the totalitarian state. Additional units of study will be added based on global trends. Placement will be based on standardized test scores, past performance, literacy profiles, and teacher recommendation.

**Prerequisite:** *Global Civilization*

**AP ECE EUROPEAN HISTORY****full year – 1 credit***4226 Grades 11-12*

This is a study of European history from approximately 1450 to the present. Significant emphasis is given to topics in intellectual-cultural and socio-economic history as well as those in the more traditional political diplomatic sphere. Students will have the opportunity to analyze historical evidence. The course is conducted in a college-like fashion with similar expectations. Students who take the AP exam offered in the spring, and score successfully, may be awarded college credit and/or placed on the next level of course work, depending upon the college or university. Placement will be based on standardized test scores, past performance, literacy, and teacher recommendation.

**AP PSYCHOLOGY****full year – 1 credit***4236 Grades 11-12*

This course will introduce students to a systematic and scientific approach to the study of behavioral patterns. This program prepares students for intermediate and advanced college courses by making demands on them equivalent to those of full year introductory college courses. It is recommended that students take the AP exam. College credit may be awarded to those who score successfully. Placement will be based on standardized test scores, past performance, literacy, and teacher recommendation.

Students who select AP Psychology will not be permitted to take the Psychology elective.

## ***SPECIAL EDUCATION***

**RESOURCE (S1)/(S2)***Resource 1 (5110/5120) Grades 9-12***.125 credit each semester***Resource 2 (5210/5220) Grades 9-12***.25 credit each semester***Resource 3 (5310/5320) Grades 9-12***.375 credit each semester***Resource 4 (5410/5420) Grades 9-12***.5 credit each semester**

Resource is designed to teach students the study and learning skills necessary to be successful in their classes. Students focus on the acquisition and application of specific study methods and strategies such as preparation for the transition to post-secondary programs. Goals and objectives are developed which address each student's areas of needs. Resource teachers consult regularly with the other members of the Trumbull High School staff to monitor their students' performance. During weekly lessons, short-term and long-term tests and projects, memory techniques, notetaking options, and how and when to access additional help. These strategies are applied to the students' class texts and assignments. Students earn a letter grade and an effort grade for this course, which fulfills an elective requirement for graduation.

**Prerequisite:** Recommendation of the PPT

**READING STRATEGIES (S1)/(S2)***Reading Strategies 2 (5510/5520) Grades 9-12***.25 credit each semester***Reading Strategies 4 (5530/5540) Grades 9-12***.5 credit each semester**

This program is designed for the student experiencing significant difficulty with the reading process. Individualized, informal assessment is on-going within class lessons. Specific areas of reading instruction may include word identification, word attack/analysis, vocabulary, context, and comprehension, as dictated by student need. The student will be introduced to many instructional approaches and strategies including structural analysis, analytic method, word families, graphic organizers, story grammars, story maps, cloze technique, selective reading guides, K-W-L and directed reading activities. With assistance the student will select and apply those strategies appropriate for him/her. This course is pass/fail.

**Prerequisite:** Recommendation of the PPT

**ENGLISH 9-12 (S1)/(S2)****.5 credit each semester***5610/5620 Grades 9-12*

This program is designed to improve the reading and writing skills of students who require a structured program which focuses on the practical applications of reading and writing. The area of Reading will be addressed through the use of age appropriate novels, short stories, newspaper articles, and materials necessary for successful work and life experiences. Writing skills training becomes incorporated with the reading program thus providing a sequenced format that emphasizes the "interconnectedness" of the skills being taught. Specific skill development will be taught within the context of the daily lessons.

Students are evaluated on the basis of class participation, tests, quizzes, homework, and projects.

**Prerequisite:** Recommendation of the PPT

**ENGLISH 9 CP (S1)/(S2)****.5 credit each semester***5630/5640 Grades 9*

This program is designed to improve the reading and writing skills of students who require a structured program which focuses on the practical applications of reading and writing. The area of Reading will be addressed through the use of age appropriate novels, short stories, newspaper articles, and materials necessary for successful work and life experiences. Writing skills training becomes incorporated with the reading program thus providing a sequenced format that emphasizes the “interconnectedness” of the skills being taught. Specific skill development will be taught within the context of the daily lesson. Students are evaluated on the basis of class participation, tests, quizzes, homework, and projects. The general education curriculum guide for English 9 provides the resource for materials incorporated into the class.

**Prerequisite:** Recommendation of the PPT**ENGLISH 10 CP (S1)/(S2)****.5 credit each semester***5650/5660 Grades 10*

This program is designed to improve the reading and writing skills of students who require a structured program which focuses on the practical applications of reading and writing. The area of Reading will be addressed through the use of age appropriate novels, short stories, newspaper articles, and materials necessary for successful work and life experiences. Writing skills training becomes incorporated with the reading program thus providing a sequenced format that emphasizes the “interconnectedness” of the skills being taught. Specific skill development will be taught within the context of the daily lesson. Students are evaluated on the basis of class participation, tests, quizzes, homework, and projects. The general education curriculum guide for English 10 provides the resource for materials incorporated into the class.

**Prerequisite:** Recommendation of the PPT**ENGLISH 11-12 (S1)/(S2)****5 credit each semester***5670/5680 Grades 11-12*

This course is designed to provide transitional/lifelong English skills. Utilizing a wide array of materials and strategies, students will prepare for post-high school life. Reading and writing will emphasize practical applications. Activities will include leisure time reading, social communication, current topics of interest, and interfacing with the community. Students in this class will work with age appropriate materials at a pace dictated by their needs. Connections between prior learning and current learning will be stressed. Students will be evaluated on the basis of tests, projects, participation, and homework.

**Prerequisite:** Recommendation of the PPT**MATH 9-12 (S1)/(S2)****.5 credit each semester***5710/5720 Grades 9-12*

This course focuses on the basic math concepts of whole numbers, fractions, decimals, percents, and measurement. Practical applications of these skills are stressed with students using real life situations to learn and practice new skills. Students are evaluated on quizzes, tests, homework, class assignments, and classroom participation.

**Prerequisite:** Recommendation of the PPT**ACADEMICS FOR LIFE (S1)/(S2)****.5 credit each semester***5910/5920 Grades 9-12*

This is a course that will help students to learn the skills they will need to be a more independent member of society. Students will role play how they would react to or respond to certain situations, such as how to handle an emergency, how to communicate to adults in order to get their needs met or to get help, how to handle a conflict or problem they may be having with a peer or adult, how to plan a social gathering with a peer, and how to be safe when at home and in the community. Students also work on improving their self help skills, such as reading recipes and preparing simple dishes with peer and teacher assistance. Students will be learning in the classroom as well as in various locations in the school building. Peer mentors will be working with the students during class, helping them to strengthen their skills and improve their confidence.

**Prerequisite:** Recommendation of the PPT**VOCATIONAL INSTRUCTION (S1)/(S2)****.5 credit each semester***5950/5960 Grades 9-12*

The goal of this program is to provide students with the opportunity to learn and practice employability skills, focusing on professional behaviors. Skills taught include dress code, time management, social skills, and independent work habits. Sites for instruction are on-campus.

**Prerequisite:** Recommendation of the PPT

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## **TECHNOLOGY EDUCATION**

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Technology education courses allow students to take classes in areas which they have an interest, aptitude or career aspiration. All courses emphasize learning through hands on activities in the areas of communication technology, construction technology, manufacturing technology and transportation technology.

### **SCREEN PRINTING**

**half year - .5 credit**

*7700 Grades 9-12*

The course will offer an introduction to screen printing. Students will gain the knowledge of screen printing by doing a variety of projects that include printing cards, posters, T-shirts and similar activities. Students will also have the opportunity to use computers to design and create a variety of projects.

### **WOODWORKING I**

**half year - .5 credit**

*7710 Grades 9-12*

This course is designed for any student regardless of their experience with woodworking. Students are introduced to the basics of measurement, proper use and safety of hand tools and machines, design and constructions. An emphasis will be placed on safety. Students will the opportunity to construct multiple projects, some of their own design.

### **WOODWORKING II**

**half year - .5 credit**

*7720 Grades 10-12*

This course is designed for students who have already taken Woodworking I and want to further their knowledge of woodworking. Students will start with a reintroduction to proper use and safety of tools and explore more advanced woodworking techniques. Students will have the opportunity to construct projects of their own design.

**Prerequisite:** *Woodworking I*

### **DRAFTING & DESIGN**

**half year - .5 credit**

*7730 Grades 9-12*

This half year course is designed to introduce students to technical drawing and design. The class will learn the basics of paper and pencil drawing and apply concepts learned when using computers for their drawings. Students will progress from two dimensional drawing using A+Cad to three dimensional drawing using Solid works. Career opportunities in engineering, architecture and the construction industry will be explored

### **ARCHITECTURAL CAD**

**full year - 1 credit**

*7740 Grades 10-12*

This course is designed for students who have not had prior experience with drafting and design. Students will be introduced to basics of drafting and architecture. Students will progress from a rough sketch to a three dimensional model of their dream home, while learning about architectural style and design. Students will use the latest architectural software to design their houses.

### **ADVANCED ARCHITECTURAL CAD**

**full year - 1 credit**

*7750 Grades 11-12*

After completing Architectural CAD you will have the opportunity to design your own home or a commercial building. You will also learn how to create photo-realistic renderings of your creations.

**Prerequisite:** Successful completion of Architectural CAD

### **BASIC METAL PROCESSING**

**half year - .5 credit**

*7760 Grades 9-12*

Are you thinking of becoming an engineer or a machinist? See what some of the machines look like and learn how to operate them. Precision measurement is of great importance, and you will have the opportunity to learn the proper use of certain measuring devices such as the micrometer. Welding, both electric and oxyacetylene methods, will be introduced Through the making of metal objects that can be used around the home or for a hobby, you will correctly learn many basic machine and sheet metal processes.

## **ELECTRONICS**

**half year - .5 credit**

*7770 Grades 9-12*

This class will provide the working knowledge of the fundamentals of electricity and electronics. A practical hands on laboratory experience is used to teach the application of AC and DC circuits through a project based curriculum. **A science .5 credit can be earned provided that two other science credits have been taken previously.**

## **TRANSPORTATION TECHNOLOGY USING ENGINEERING CONCEPTS**

**half year - .5 credit**

*7780 Grades 9-12*

This course allowed students to study a cross section of transportation technology topics, including the vehicles and infrastructure systems needed to move people and goods. Students will explore the areas of land, marine, air and space transportation and their social, environmental and economic impact. Students will research and use engineering concepts to construct projects that relate to each form of transportation. Possible projects include, hovercrafts, gliders, and remote operated underwater vehicles. Alternative energy transportation systems and power systems are investigated as part of the overall picture of transportation.

## **AUTO I (formerly BASIC AUTOMOTIVE TECHNOLOGY)**

**half year - .5 credit**

*7790 Grades 9-12*

This course is designed for students who wish to have the basic knowledge of car maintenance and upkeep. The main emphasis of the class will be on the automobile, small engines, and the type of work you can do at home. The topics covered will include safety, vehicle maintenance, fuel system, brake system, suspensions, and cooling system.

## **AUTO II (formerly AUTOMOTIVE FUNDAMENTALS)**

**full year - 1 credit**

*7800 Grades 10-12*

This course is designed to allow student to develop a more thorough understanding of the automobile and build on the knowledge from Basic Automotive Technology. The topics covered will emphasis safe work habits and proper use of tools and equipment. Activities include diagnosis, inspection, service and repair of automotive system.

**Prerequisite:** Successful completion of *Auto I*

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## **WORLD LANGUAGES**

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### **There are no Independent Study courses offered in World Languages**

The World Language Department at Trumbull High School recommends that each student planning to attend a college or university or to pursue a service career completes at least four years of one modern world language and/or Latin at the high school level. More competitive colleges and universities recommend an uninterrupted study of a world language during the high school years. Some universities require world languages for admission, while others have a world language graduation requirement. Historically, the World Language Department has recognized the significance and the importance of world language study. As the global community becomes smaller through advances in technology and business, learning a language has evolved as a direct avenue linking the cultures in a changing society. Our program is designed to inspire students to pursue career opportunities using a world language. As students progress through the program, a renewed cultural awareness is heightened and emphasized to encourage, to explore and to define career paths.

**All students staking a World Language are encouraged to join their language club!**

***Candidates entering a World Language Honors course from and ACP must meet the following criteria:***

Student's end of year average must be A- or better. Students who are recommended for honors at course selection time will all be re-evaluated at the end of fourth quarter, after final exams and when final grades are posted. Should a student no longer qualify, he/she will be notified and placed in ACP level of the language.

***Candidates who are currently enrolled in a World Language honors course wishing to continue in the honors program must meet the following criteria:***

All students quarter grades, mid-term grades and final exam grades must be a B- or better.

***Candidates for AP level courses from IV Honors must meet the following criteria:***

All students quarter grades, Mid-term grades and Final exam grades must be a B or better.

***Placement of native speakers and transfer students:***

The Department Chair, together with the appropriate teacher will make the determination for placement after oral and written evaluations have been administered.

**FRENCH I**

**full year - 1 credit**

*6114 Grades 9-12*

This introductory course is designed to help each student attain an acceptable degree of proficiency in the five basic skills: listening, speaking, reading, writing and culture. Students will participate in cultural presentations, role playing, vocabulary practice and daily interaction with the French language through film, interactive programs, language lab activities, computer assisted learning, etc. Basic grammatical structures are introduced. The student will be able to manipulate these structures in level appropriate reading and writing activities. Students are encouraged to join the French Club to enhance their language learning. Software and interactive activities are available to students.

**FRENCH II**

**full year - 1 credit**

*6124 Grades 9-12*

This course continues to develop the five basic skills in an attempt to focus on spontaneity in communicating ideas to others and responding to conversation stimuli. The student will have ample opportunity for self-expression through thematic vocabulary used in skits, presentations and situation dialogues. The grammatical foundation will be strengthened to expand language usage. The French language and francophone culture will continue to be reinforced through multi-media and language lab activities. Students are encouraged to join French Club. Software and interactive activities are available to students.

**Prerequisite:** *French I*

**FRENCH III**

**full year - 1 credit**

*6134 Grades 10-12*

In the third year of study, the emphasis will be placed on communicative skills. Culturally authentic contemporary situations will motivate proficient oral production. Self-expression in the target language will be emphasized as the previous study of tenses has served to create a solid grammatical foundation on which to expand and broaden written skills. Language lab usage will enhance listening and speaking skills. Cultural references and interdisciplinary connections will be enhanced and paralleled through readings, films, poems, etc. whose topics will include art, music and literature. Software and interactive materials are available to students in class.

**Prerequisite:** *French II*

**H FRENCH III**

**full year - 1 credit**

*6135 Grades 10-12*

French III Honors will provide the student with an intensive cultural vocabulary base, writing skills reinforced through advanced grammar use, conversational skills and an opportunity to read and discuss literary excerpts and poems. The course will integrate the basic grammar and cultural topics of French III and will broaden the scope of language acquisition to include the creation of original compositions based on reading/cultural materials, peer editing, oral presentation, etc. The approach to learning will be through the five skills of listening, speaking, reading, writing and culture. The students will read authentic literature and use it as the basis for oral and written creative expression. Language lab is required. Software and interactive materials are available to students.

**Prerequisite:** See criteria for honors courses

**FRENCH IV**

**full year - 1 credit**

*6144 Grades 10-12*

This course is geared toward an integrated approach to the study of French. While the student continues to increase his/her oral and written skills, he/she will be introduced to selected readings/literature. Present cultural and historical themes of significance relating to French society, family life and leisure activities will be introduced. Music, poetry, short stories, and plays will be highlighted. Multi-media, readings and language lab activities will supplement the text.

**Prerequisite:** *French III*

## **H FRENCH IV**

**full year - 1 credit**

*6145 Grades 10-12*

French IV Honors will provide the student with an advanced grammar review and intensive examination of French civilization and culture. Students will begin the “explication du texte” for poetry. The novel, *L’Etranger*, will be read in French and used as the basis for oral and written activities. Excerpts from other literary works such as *Les Miserables* will be studied in tandem with the civilization of a particular era. This course is recommended as a preparation for the SAT II and as a prerequisite for AP French language. Language Lab is required.

**Prerequisite:** *H French III* or see honors criteria

## **FRENCH V**

**full year - 1 credit**

*6154 Grades 11-12*

In this course the concentration will be on the development and refinement of audio lingual skills through debates, discussions, individual and group presentations, and film. Grammatical structures will be reinforced as well as conversational expressions. Emphasis will be on proficiency in the five skill areas. Films and short stories will be used as a basis for developing and enhancing oral and written abilities. Interactive activities used weekly to increase aural comprehension. This course is designed to afford the motivated student the opportunity to continue his/her study of the French language and culture through poetry, short stories and film of various genres.

**Prerequisite:** *French IV*

## **H FRENCH V**

**full year - 1 credit**

*6155 Grades 11-12*

This honors course is designed to refine students’ linguistic skills while providing ample opportunities for writing, reading and peer group practice. There will be an emphasis on correct use of grammar, literary interpretation, culture appreciation through film and art, and personal expression. Advanced grammar points will be explored in depth. The language and computer labs will be used to reinforce advanced linguistic skills. Various genres of literature will be addressed in class. Selected poems, a novel or a play will be read in their entirety and analyzed through discussion and composition. Films of various genres relating to the thematic units of study will be used to further language acquisition and appreciation for French culture and civilization. This is **not** a preparatory course for the AP exam.

**This course will only be offered based upon enrollment. If course cannot be offered due to lack of enrollment students will be placed in ACP French V.**

**Prerequisite:** *H French IV* or see honors criteria

## **AP FRENCH LANGUAGE and CULTURE**

**full year - 1 credit**

*6156 Grades 11-12*

This course provides the students with the opportunity to follow the suggested curriculum in preparation for the AP exam in French Language. The students will develop their oral/aural proficiency through intensive weekly use of the Language Lab, impromptu conversations and prepared presentations in class. Course content will reflect intellectual interests such as the arts, cultural events, literature, sports etc., which will be based on selected newspaper articles, films, short stories, films and recordings. A complete review and in depth study of grammatical structures will be presented to the students. Creative skills will be enhanced through compositions on selected topics reflecting the course content and student interests. It is recommended that the AP exam be taken in the spring.

**Prerequisite:** *H French IV* or see honors criteria

## **ITALIAN CONVERSATION & CULTURE I**

**full year - 1 credit**

*6210 Grades 9-12*

An introductory study of the language and culture of all regions in Italy. Grammar and vocabulary coupled with idiomatic expressions are presented in authentic aural/oral settings such as greetings and introductions, family descriptions, school studies and environment, health, homes and lodgings, geography, climate, recreational activities and food including regional dishes. Students will converse with teacher and peers. Research projects, museum trips, guest speakers and movies will enhance the cultural aspect of the course. Language lab usage and computer based research and programs are recommended. Software and interactive materials are available to students.

## **ITALIAN I**

**full year - 1 credit**

*6214 Grades 9-12*

This introductory course is designed to introduce basic Italian in the five skills: listening, speaking, reading, writing

and culture. Enjoyable situational dialogues and interesting cultural projects will be included as well as pertinent readings from the text and supplemental basic readings. Basic grammatical structures are taught throughout the year. Teacher-made materials supplement the text. Language lab activities are included. Grammar, vocabulary, and idiomatic expressions will be used in short compositions and readings. Students are encouraged to join the Italian Club. Software and interactive materials are available to students.

### **ITALIAN CONVERSATION & CULTURE II**

**full year - 1 credit**

6220 Grades 9-12

A comprehensive, detailed study of the language and culture of Italy, products, practices, and perspectives of the culture through authentic presentation will foster conversation. Research projects, field trips, guest speakers, and films will enhance communication. Short stories, magazine and newspaper articles will be presented and discussed. Language lab usage and computer based research and programs are recommended. Software and interactive materials are available to students.

**Prerequisite:** Successful completion of *Italian Conversation & Culture I*

### **ITALIAN II**

**full year - 1 credit**

6224 Grades 9-12

This course continues to develop the four basic skills. The focus of this level will be communicating ideas and needs through situational dialogues reflecting new vocabulary grammatical structures and produced by individual students. The grammatical foundation will be strengthened as the student will be introduced to directed composition writing. The cultural aspect will be enhanced through films, cultural units, and individual classroom projects, presentations and aural comprehension activities. Students are encouraged to join the Italian Club. Software and interactive materials are available to students.

**Prerequisite:** *Italian I* or successful completion of *Italian Conversation & Culture II*

### **ITALIAN CONVERSATION & CULTURE III**

**full year - 1 credit**

6230 Grades 10-12

A continued study and practice of the language with embedded culture. The introduction of literary pieces will provide an in-depth look at cultural perspectives. Current magazine and newspaper articles will be provided and discussed, and short stories, movies and videos will enhance cultural understanding and communication. Language lab usage and computer based research and programs are recommended. Software and interactive materials are available to students.

**Prerequisite:** Successful completion of *Italian Conversation & Culture II* or *Italian II*

### **ITALIAN III**

**full year - 1 credit**

6234 Grades 10-12

This course is designed to improve communication skills. Teacher-made situations and visuals stimuli will be used to encourage conversation. A review of basic grammatical structures, vocabulary and idiomatic expressions will reinforce and expand usage. More advanced grammar will be introduced through practice, readings, and cultural vignettes. Reading selections from Italian magazines such as *L'Europeo* and *Grazie* written by leading Italian journalists will be included to enhance cultural references and compare and contrast cultures. Language lab activities are used. Software and interactive materials are available to students.

**Prerequisite:** *Italian II* or successful completion of *Italian Conversation & Culture III*

### **H ITALIAN III**

**full year - 1 credit**

6235 Grades 10-12

This course will provide the student with a comprehensive vocabulary base, enriched writing skills based upon composition themes related to curriculum topics, intermediate conversational skills and the opportunity to read and discuss literary excerpts in the text. The students will view films and use a supplemental reader throughout the year to stimulate discussions and written expression. Language Lab activities are required. The course will integrate the basic curriculum of Italian III while broadening the scope of study to challenge the honors student.

**Prerequisite:** See honors criteria

### **ITALIAN IV**

**full year - 1 credit**

6244 Grades 10-12

This course provides stimulating selections on a variety of popular and modern topics. Daily life situations are portrayed to reinforce significantly the student's command of the language through a systematic review of all the basic structures



of the language. The student is led through each chapter's topic logically. Vocabulary is learned in context and is related to the student's own needs and experiences and is paralleled to the Italian customs. Literary works such as *I Promessi Sposi*, *Racconti di Oggi* and poetry will enhance cultural appreciation and literacy skills. Language lab and interactive activities are available.

**Prerequisite:** *Italian III*

#### **H ITALIAN IV**

**full year - 1 credit**

*6245 Grades 11-12*

Italian IV Honors will provide the student with an advanced grammar review and a continued examination of all aspects of Italian culture. The students will read one novel or play and use it as the theme for discussion and written expression. The course will integrate various literary excerpts, current articles from the press, films and a novel with the cultural discussions while incorporating the basic Italian IV curriculum. This course is designed for the student who wishes to pursue a higher level of study of the Italian Language and culture.

**Prerequisite:** *Italian III Honors* or see honors criteria

#### **SPANISH CONVERSATION & CULTURE I**

**full year - 1 credit**

*6410 Grades 9-12*

An introductory study of the language and culture of Hispanic countries. Grammar and vocabulary coupled with idiomatic expressions are presented in authentic aural/oral settings. Students will converse with teacher and peers. Research projects, museum trips, guest speakers and ancillary programs and movies will enhance the cultural aspect of the course. Language lab usage and computer based research and programs are recommended.

#### **SPANISH I**

**full year - 1 credit**

*6414 Grades 9-12*

This introductory course is designed to help each student attain an acceptable degree of proficiency in the five basic skills: listening, speaking, reading, writing and culture through enjoyable conversations, cultural presentations, role playing and appropriate reading activities. Basic grammatical structures will be introduced. Videos, computer programs, language laboratory activities, and language club activities will enhance the course. Students will study various Hispanic countries and be able to read and write about them at this level. Software and interactive materials are available to students.

#### **SPANISH CONVERSATION & CULTURE II**

**full year - 1 credit**

*6420 Grades 9-12*

A comprehensive, detailed study of the language and culture of Spanish speaking countries, products, practices, and perspectives of the culture through authentic presentation will foster conversation. Research projects, field trips, guest speakers, ancillary movies and videos will enhance communication. Language lab usage and computer based research and programs are recommended.

**Prerequisite:** Successful completion of *Spanish Conversation & Culture I*

#### **SPANISH II**

**full year - 1 credit**

*6424 Grades 9-12*

This course continues to develop the five basic skills in an attempt to focus on spontaneity in communicating ideas to others and responding to conversation stimuli. The student will have ample opportunity for self-expression through vocabulary presentations and situation dialogues, projects and compositions. The grammatical foundation will be strengthened to expand language usage. The cultural aspect will continue to be stressed through videos, film, readings, and language laboratory activities and interactive learning.

**Prerequisite:** *Spanish I* or successful completion of *Spanish Conversation & Culture II*

#### **SPANISH CONVERSATION & CULTURE III**

**full year - 1 credit**

*6430 Grades 10-12*

A continued study and practice of the language with embedded culture. The introduction of literary pieces will provide an in-depth look at cultural perspectives. Current magazine and newspaper articles will be provided and discussed, and short stories, ancillary movies and videos will enhance cultural understanding and communication. Language lab usage and computer based research and programs are recommended.

**Prerequisite:** Successful completion of *Spanish Conversation and Culture II*

**SPANISH III****full year - 1 credit***6434 Grades 10-12*

This course encompasses oral communication and linguistic skills. Content readings introduce vocabulary and the grammar of each unit. Students will be able to create and participate progressively in more challenging conversations dealing with the material covered in the units as well as developing original oral presentations. Pertinent cultural topics are presented. Language lab usage is recommended. More advanced grammar topics will be introduced and used in daily practice and written assignments.

**Prerequisite:** *Spanish II* or successful completion of *Spanish Conversation & Culture III*

**H SPANISH III****full year - 1 credit***6435 Grades 10-12*

This course is geared to an integrated approach to the study of the language. All activities and presentations are intended to encompass the five language skills. As the basic communication skills are being developed and enhanced, the students will be challenged to develop their higher order thinking skills. In addition, students will use these four skills to develop an understanding of Hispanic culture. Honors students will be exposed to various genres in Spanish and Hispanic literature and will be given ample opportunity to express their opinions orally and in writing. The language lab will be used to afford the student an additional venue for linguistic practice. Students will be exploring more advanced grammar topics to be able to communicate in a more comprehensive manner.

**Prerequisite:** See criteria for honors courses.

**SPANISH IV****full year - 1 credit***6444 Grades 10-12*

This course is geared toward an integrated approach to the study of the language. The conversational component will enhance speaking and listening strands as various activities will afford the student the opportunity to converse on topics presented in the text. Students will be introduced to the world of Spanish art as well as Spanish American literature. They will also have the opportunity to read literary excerpts. Previously learned grammatical skills will be reviewed and new ones learned in order to enable the student to converse, understand, read, and write with greater precision. The language lab will give the student additional practice. Students will be guided in the use of the Internet as a tool to research chosen topics assigned in class.

**Prerequisite:** *Spanish III*

**H SPANISH IV****full year - 1 credit***6445 Grades 10-12*

This course will provide an intensive study of advanced grammar principles needed to develop an individual refinement of the speaking and writing skills. Reading selections from famous contemporary and traditional Spanish and South American authors Jorge Luis Borges, Hernando Tallez, and Ana Maria Mattute, will enhance discussions and spark creative compositions. Creative group projects will be assigned. The works of famous Spanish artists will be introduced. Required listening and speaking skills will be further developed through an intensive use of the language lab. This course is recommended as a preparation for the SAT II, and is a requirement for Advanced Placement in Spanish. Students will begin to prepare for AP Spanish by working frequently with a partner on many self-guided oral activities.

**Prerequisite:** *Spanish III Honors* or see honors criteria

**SPANISH V****full year - 1 credit***6454 Grades 11-12*

The focus of this course is the acquisition of language proficiency in conjunction with reviewing and broadening the grammar foundation attained previously. Current magazine and newspaper articles and internet websites are introduced to stimulate conversation and thought. Films and literary pieces of various genres help to foster an awareness and appreciation of Hispanic culture. Interviews, legends, short stories and films correspond thematically with the grammar and oral and cultural components. Language Lab activities further refine listening and speaking skills. Students will work extensively with a partner to practice their speaking skills.

**Prerequisite:** *Spanish IV*

**H SPANISH V****full year - 1 credit***6455 Grades 11-12*

This Honors course is designed to refine students' linguistic skills while providing ample opportunities for writing,

reading and peer group practice. There will be an emphasis on correct use of grammar, literary interpretation, culture appreciation through film and art, and personal expression. Advanced grammar points will be explored in depth. The language and computer labs will be used to reinforce advanced linguistic skills. Various genres of literature will be addressed in class. Selected poems, a novel and/or a play will be read in their entirety and analyzed through discussion and composition. This is **not** a preparatory course for the AP exam.

**This course will only be offered based upon enrollment. If the course cannot be offered due to lack of enrollment students will be placed in Spanish V.**

**Prerequisite:** *H Spanish IV* or see honors criteria

## **AP SPANISH LANGUAGE & CULTURE**

**full year - 1 credit**

*6456 Grades 11-12*

The emphasis of this course will help the student realize his/her individual potential in speaking conversational Spanish. Critical grammar topics covered in Spanish IV Honors will be reviewed. Linguistic skills will be further enhanced through an intensified study of vocabulary. Impromptu reports, story telling sessions, debates and prepared oral presentations will be based on selected current newspaper articles, magazines, and topics of individual interest. Creative skills will also be developed through thematic compositions. Required listening and speaking skills will be further developed through an intensive use of the language lab. It is recommended that the AP Exam be taken in the spring.

**Prerequisite:** *H Spanish IV* or see honors criteria

## **LATIN I**

**full year - 1 credit**

*6314 Grades 9-12*

Latin is “alive and well” in the 21<sup>st</sup> century. Latin is the foundation of the English language and complements the study of other Romance Languages, e.g. Italian, French and Spanish. Students will discover how Latin works as a language by using graduated narrative readings in Latin. The grammatical building blocks of the language will be investigated. Roman life, traditions, legends, myths, culture and civilization will complement the course. Students will strengthen their English grammar and vocabulary skills through studies in derivatives, roots, prefixes and suffixes.

## **LATIN II**

**full year - 1 credit**

*6324 Grades 9-12*

Latin II continues the study of grammatical forms through the narrative reading method and story line begun in Latin I. Students will build a wider knowledge of vocabulary and syntax. Focus is on reading comprehension, writing, pronunciation, and some classroom conversation. Roman life, customs and traditions will be explored through the study of the ancient city of Rome and the narrative text. History, legends, and mythology will continue in greater depth. Literature from Roman writers will supplement the course.

**Prerequisite:** *Latin I*

## **LATIN III**

**full year - 1 credit**

*6334 Grades 10-12*

This course contains only original Latin readings. The authors of antiquity are highlighted, especially the works of the statesmen Caesar, Cicero and Augustus, and the authors Pliny and Petronius. Statesmanship, strength and attitudes of the Romans will be examined. A wide variety of readings will compliment the course. Grammar pertinent to the readings will be practiced. Research and class discussions are an important component of this course.

**Prerequisite:** *Latin II*

## **H LATIN III**

**full year - 1 credit**

*6335 Grades 11-12*

This course incorporates a concentrated study of Latin grammar, building the foundation necessary to read authentic texts in Latin. Various supplemental Latin readings will be added as required. Students will benefit from etymology and word studies, helping to improve understanding of their own language and other languages they may be studying. Latin will also help provide a greater ability to learn new languages. Students taking this course as their first year of Latin will benefit by a rapid pace and quick start in reading Latin authors. Students with previous Latin studies will benefit from a grammatical overview.

**Prerequisite:** Honors recommendation from *Latin II* or senior having A in all marking periods and on midterm and finals in H Italian III or in H Spanish IV or H French IV may be recommended for this course as an avenue to study Latin, with summer preparation required.

**H LATIN IV****full year - 1 credit***6345 Grades 11-12*

Latin throughout the ages underscores this course. Emphasis is on reading for comprehension and class discussions on mythology, culture and Roman history. Authentic texts may include those from Cicero, Caesar, Virgil, Ovid, Catullus, and Horace. Appropriate grammar will be highlighted. This course will be offered based on enrollment.

**Prerequisite:** *H Latin III* or see honors criteria

**LATIN: BUILDING YOUR WORD POWER****half year - .5 credit***6380 Grades 9-12*

This one semester course is a powerful tool designed to build your vocabulary at a fast rate. It will be a useful course in preparation for the SAT. The student will study important Greek and Latin roots, prefixes and suffixes. These will provide clues to hundreds of English words used in literature science, and math, in written material and in aptitude testing. The terms derived from studying Greek and Latin roots are understood internationally. Open to 10th, 11th, and 12th grade students. This course is offered in English. This course will be offered based upon enrollment.

**ELL: ENGLISH LANGUAGE LEARNERS-BEGINNING LEVEL****full year- 1 credit***6900 Grades 9-12*

This course is offered to those students whose target language is English. The course is designed to help the L.E.P. (Limited English Proficient) student mainstream into regular classes while making modifications to meet the needs of the individual student. Both cognitive and operational skills are stressed. The focal points are compositional skills, language analysis strategies and study-affective skills. Students learn extensive vocabulary, grammar, sentence construction, and interpretation of both objective and subjective questions. Library and computer skills are also highlighted. The students aural-oral skills are sharpened by a series of tapes used in the language lab. Students are guided through a series of sample listening tapes to prepare for their TOEFL Exam. The students also complete many CAPT-like activities to prepare for the CAPT exam.

**ELL: ENGLISH LANGUAGE LEARNERS-INTERMEDIATE LEVEL****full year - 1 credit***6910 Grades 9-12*

This course is a continuation of ELL (BEGinning). Challenging activities, assignments, and readings will offer these students an opportunity to refine their listening, speaking, reading and writing skills in English. Expository writing is required, research techniques and projects are presented and practiced. Preparation for the CAPT and TOEFL exams are continued.

## COURSE INDEX

	Page	Number	Length	Credit	Grade
<b>ART</b>					
Beginning Ceramics	8	8100	full	1	10-12
Advanced Ceramics	8	8110	full	1	11-12
Advanced Ceramics II	8	8120	full	1	12
Fundamentals of Art	8	8130	full	1	9-12
Basic Drawing	8	8140	full	1	9-12
Painting	8	8150	half	.5	9-12
Painting II	8	8160	half	.5	10-12
Painting III	8	8170	half	.5	10-12
<b>BUSINESS</b>					
Business Concepts	9	7100	half	.5	9-10
Computer Technology	9	7110	half	.5	9-12
Advanced Computer Technology	9	7120	half	.5	11-12
Communications	9	7140	half	.5	9-12
Web Design & Internet Skills	9	7160	half	.5	9-12
Desktop Publishing	10	7180	half	.5	9-12
Video Production	10	7190	half	.5	10-12
Personal Finance	10	7210	half	.5	11-12
Personal & Business Recordkeeping	10	7230	full	1	9-12
Accounting I	10	7250	full	1	10-12
H CCP Accounting II	10	7265	full	1	11-12
Entrepreneurship	10	7270	half	.5	11-12
H CCP Marketing	10	7295	full	1	11-12
Leadership & Character Development	11	7310	half	.5	11-12
<b>CAREER/VOCATIONAL/ALTERNATIVE LEARNING OPPORTUNITIES</b>					
Regional Center for the Arts	6	9400	full	2	9-12
Service Learning	6	9510	half	.5	9-12
Service Learning	6	9520	full	1	9-12
Career Internship	6	9530	half	.5	9-12
Career Internship	6	9540	full	1	9-12
Group Dynamics	6	9550	half	.5	9-12
<b>REGIONAL AGRISCIENCE AND BIOTECHNOLOGY PROGRAM</b>					
PE 10 (Agri)		9100	half	.5	10
ACP Physical Science (Agri)	11	9114	full	1	9
ACP Biology (Agri)	11	9124	full	1.25	10
H Biology (Agri)	11	9125	full	1.25	10
Agriscience 9	11	9134	full	1	9
Agriscience 10	12	9144	full	2	10
ECE Agri Biotechnology Gr 11	12	9154	full	2	11
ECE Agri Biotechnology Gr 12	12	9164	full	2	12
ECE Plant Science Gr 11	12	9174	full	2	11
ECE Plant Science Gr 12	12	9184	full	2	12
Animal Science	12	9194	full	2	11-12
Equine Science	12	9204	full	2	11-12
<b>AQUACULTURE</b>					
Aquaculture	12	9300	full	2	9-12
Aquaculture Intensive	13	9310	full	4	12

**ENGLISH**

ACP English 9	14	1014	full	1	9
H English 9	14	1015	full	1	9
CP English 10	14	1022	full	1	10
ACP English 10	15	1024	full	1	10
H English 10	15	1025	full	1	10
CP English 11 - American Perspectives	15	1032	full	1	11
ACP English 11 - American Perspectives	15	1034	full	1	11
H English 11 - American Connections	15	1035	full	1	11
AP Language & Composition	16	1036	full	1	11
AP English Literature and Composition	17	1106	full	1	12
Escape Fiction	17	1112	half	.5	12
Shakespeare	17	1114	half	.5	12
H Shakespeare	17	1115	half	.5	12
Contemporary Literature	17	1124	half	.5	12
H World Literature	18	1135	half	.5	12
African-American Literature	18	1144	half	.5	12
H Mythology	18	1155	half	.5	12
Literature of Peace, Protest and Tolerance	18	1164	half	.5	12
Poetry	18	1174	half	.5	12
Science Fiction	18	1184	half	.5	12
Women's Literature	19	1194	half	.5	12
Adolescent Experience	19	1202	half	.5	12
H Journalism	19	1405	half	.5	12
CP Senior Writing Workshop	19	1412	half	.5	12
ACP Senior Writing Workshop	19	1414	half	.5	12
Film As Literature	19	1424	half	.5	12
Creative Writing	20	1434	half	.5	12
Drama	20	1710	half	.5	10-12
Fundamentals of Journalism I	20	1720	half	.5	9-12
Fundamentals of Journalism II	20	1730	half	.5	9-12
Literacy Workshop I	20	1901	full	1	9
Literacy Workshop II	20	1902	full	1	10
Editing & Publishing for <i>The Eagle's Eye</i>	21	Varies	full	Varies	
Editing & Publishing for the <i>Trillium</i>	21	Varies	full	Varies	

**FAMILY AND CONSUMER SCIENCES**

Child Development	21	7400	full	1	10-12
H CCP Individual & Family Development	21	7405	full	1	11-12
Culinary I	22	7410	half	.5	9-12
Culinary II	22	7420	half	.5	10-12
Culinary III (Pending Board Approval)	22	7430	half	.5	11-12
Bake Shop	22	7440	half	.5	9-12
Sewing I	22	7460	half	.5	9-12
Sewing II	22	7470	half	.5	10-12
Sewing III	22	7480	half	.5	11-12
Interior Design	22	7490	half	.5	9-12
Fashion	22	7500	half	.5	9-12

**MATHEMATICS**

CP Algebra I	23	2012	full	1	
ACP Algebra I	23	2014	full	1	
CP Geometry	23	2022	full	1	
ACP Geometry	23	2024	full	1	
H Geometry	24	2025	full	1	
CP Algebra II	24	2032	full	1	
ACP Algebra II	24	2034	full	1	

H Algebra II/Trig	24	2035	full	1	
Bridge to Algebra II	24	2102	full	1	
CP Application of Math - Algebra II	24	2112	full	1	
ACP Topics in Math	25	2124	full	1	
ACP Precalculus	25	2204	full	1	
H Precalculus	25	2205	full	1	
H Precalculus/Calculus A	25	2225	full	1	
ACP Intro to Calculus	25	2214	full	1	
H Calculus	25	2215	full	1	
AP ECE Calculus AB	25	2236	full	1	
AP ECE Calculus BC	26	2246	full	1	
ACP Statistics	26	2304	full	1	
AP Statistics	26	2306	full	1	
H ECE Elementary Discrete Mathematics	26	2405	half	.5	
H Elementary Math Modeling	26	2415	half	.5	
Computer Science with JAVA	26	2500	full	1	
<b>MEDIA</b>					
Freshman Foundations	27	8300	1 quarter	.25	9
Student/Peer Tutor Media Center Aides	27	8301	half	.5	9-12
Creative Writing Honors Thesis	27	8305	full	1	10-12
<b>MUSIC</b>					
Freshman Chorus	27	8410	full	1	9
Concert Choir	28	8420	3/4 days	.75	10-12
Concert Choir	28	8430	full	1	10-12
H Chamber Singers	28	8435	full	1	10-12
Vocal Music Ensembles	28	8440	full	.5	9-12
Marching/Symphonic Band	28	8450	half	.5	9-12
Marching /Symphonic Band	28	8460	3/4 days	.75	9-12
Marching /Symphonic Band	28	8470	full	1	9-12
Concert Band	28	8480	half	.5	9-12
Concert Band	28	8490	3/4 days	.75	9-12
Concert Band	28	8500	full	1	9-12
Orchestra/Strings	29	8510	3/4 days	.75	9-12
Orchestra/Strings	29	8520	full	1	9-12
Jazz Band	29	8530	half	.5	9-12
Color Guard	29	8540	half	.5	9-12
Winter Color Guard	29	8550	half	.5	9-12
Winter Percussion	29	8560	half	.5	9-12
Introduction to Music Theory	29	8570	half	.5	9-12
Advanced Music Theory	29	8580	half	.5	10-12
Fundamentals: Pop/Rock	30	8590	half	.5	9-12
Music Lessons (by arrangement)					
<b>PHYSICAL EDUCATION</b>					
Health 9	30	8700	1 quarter	.25	9
Physical Education 9	30	8701	half	.5	9
Physical Education 10	30	8702	full	.5	10
Physical Education 11	30	8703	full	.5	11-12
Basic Weight Training	31	8704	half	.25	10-12
Advanced Weight Training	31	8705	half	.25	10-12
Recreational Games	31	8706	half	.25	10-12
International Games	31	8708	half	.25	10-12
Individual Lifetime Sports	31	8709	half	.25	10-12
Personal Fitness	32	8710	half	.25	10-12

**SCIENCE**

CP Physical Science	32	3012	full	1	9
ACP Physical Science	32	3014	full	1	9
H Introduction to Physics and Chemistry	32	3015	full	1	9
CP Biology	33	3022	full	1.25	10
ACP Biology	33	3024	full	1.25	11
H Biology	33	3025	full	1.25	10
AP Biology	33	3026	full	1.25	11-12
CP Chemistry	33	3032	full	1.25	11
ACP Chemistry	33	3034	full	1.25	10
H Chemistry	34	3035	full	1.25	11
AP Chemistry	34	3036	full	1.25	11-12
CP Physics	34	3102	full	1	12
ACP Physics	34	3104	full	1.25	12
H Physics	34	3105	full	1.25	12
AP ECE Physics B	34	3106	full	1.25	12
AP Physics C	34	3116	full	1.25	12
CP Human Anatomy & Physiology	35	3122	full	1	12
ACP Human Anatomy & Physiology	35	3124	full	1	12
H Human Anatomy & Physiology	35	3125	full	1	12
ACP Marine Science	35	3134	half	.625	12
ACP Environmental Science	35	3144	half	.625	12
AP ECE Environmental Science	36	3146	full	1.25	12
Science Academy (Individual Study)	36	3200	full	.5	9-10

**SOCIAL STUDIES**

CP Global Civilizations	37	4012	full	1	9
ACP Global Civilizations	37	4014	full	1	9
H Global Civilizations	37	4015	full	1	9
CP U.S. History	38	4022	full	1	10
ACP U.S. History	38	4024	full	1	10
H U.S. History	38	4025	full	1	10
AP ECE U.S. History	38	4026	full	1	10-11
CP U.S. Economic System	39	4032	half	.5	12
ACP U.S. Economic Sys./Cur. Related Topics	39	4034	half	.5	12
H Economics	39	4035	half	.5	12
AP ECE Economics	39	4036	full	1	11-12
CP U.S. Political System	39	4042	half	.5	12
ACP U.S. Political Sys./Contemporary Issues	39	4044	half	.5	12
H Political Science	39	4045	half	.5	12
AP ECE American Gov./Constitutional Studies	39	4046	full	1	12
Archaeology and Historical Topics	40	4100	half	.5	9-12
Art History in War and Peace	40	4110	full	1	10-12
Comparative World Religions	40	4120	half	.5	9-12
Cultural Anthropology	40	4130	half	.5	11-12
Great Issues of the Modern World	40	4140	full	1	11
Great Thinkers/Introduction to Philosophy	40	4150	half	.5	11-12
Justice and Law	41	4160	half	.5	11-12
H Justice and Law	41	4165	full	1	11-12
Psychology	41	4170	half	.5	11-12
Sociology	41	4180	half	.5	11-12
H ECE International Relations	41	4195	full	1	11
H Global Insights	41	4204	full	1	10-12
AP ECE European History	42	4226	full	1	11-12
AP Psychology	42	4236	full	1	11-12



**SPECIAL EDUCATION**

Resource 1 (S1)/(S2)	42	5110/5120	half	.5	9-12
Resource 2 (S1)/(S2)	42	5210/5220	half	.5	9-12
Resource 3 (S1)/(S2)	42	5310/5320	half	.5	9-12
Resource 4 (S1)/(S2)	42	5410/5420	half	.5	9-12
Reading Strategies 2 (S1)/(S2)	42	5510/5520	half	.5	9-12
Reading Strategies 4 (S1)/(S2)	42	5530/5540	half	.5	9-12
English 9-12 (S1)/(S2)	42	5610/5620	half	.5	9-12
English 9 CP (S1)/(S2)	43	5630/5640	half	.5	9
English 10 CP (S1)/(S2)	43	5650/5660	half	.5	10
English 11-12 (S1)/(S2)	43	5670/5680	half	.5	11-12
Math 9-12 (S1)/(S2)	43	5710/5720	half	.5	9-12
Academics for Life (S1)/(S2)	43	5910/5920	half	.5	9-12
Vocational Instruction (S1)/(S2)	43	5950/5960	half	.5	9-12

**TECHNOLOGY EDUCATION**

Screen Printing	44	7700	half.	.5	9-12
Woodworking I	44	7710	half	.5	9-12
Woodworking II	44	7720	half	.5	10-12
Drafting & Design	44	7730	half	.5	9-12
Architectural CAD	44	7740	full	1	10-12
Advanced Architectural CAD	44	7750	full	1	11-12
Basic Metal Processing	44	7760	half	.5	9-12
Electronics	45	7770	half	.5	9-12
Transportation Tech/Engineering Concepts	45	7780	half	.5	9-12
Auto I	45	7790	half	.5	9-12
Auto II	45	7800	full	1	10-12

**WORLD LANGUAGES**

French I	46	6114	full	1	9-12
French II	46	6124	full	1	9-12
French III	46	6134	full	1	10-12
H French III	46	6135	full	1	10-12
French IV	46	6144	full	1	10-12
H French IV	47	6145	full	1	11-12
French V	47	6154	full	1	11-12
H French V	47	6155	full	1	11-12
AP French Language & Culture	47	6156	full	1	11-12
Italian Conversation & Culture I	47	6210	full	1	9-12
Italian I	47	6214	full	1	9-12
Italian Conversation & Culture II	48	6220	full	1	9-12
Italian II	48	6224	full	1	9-12
Italian Conversation & Culture III	48	6230	full	1	10-12
Italian III	48	6234	full	1	10-12
H Italian III	48	6235	full	1	10-12
Italian IV	48	6244	full	1	10-12
H Italian IV	49	6245	full	1	11-12
Spanish Conversation & Culture I	49	6410	full	1	9-12
Spanish I	49	6414	full	1	9-12
Spanish Conversation & Culture II	49	6420	full	1	9-12
Spanish II	49	6424	full	1	9-12
Spanish Conversation & Culture III	49	6430	full	1	10-12
Spanish III	50	6434	full	1	10-12
H Spanish III	50	6435	full	1	10-12
Spanish IV	50	6444	full	1	10-12
H Spanish IV	50	6445	full	1	10-12
Spanish V	50	6454	full	1	11-12
H Spanish V	50	6455	full	1	11-12
AP Spanish Language & Culture	51	6456	full	1	11-12
Latin I	51	6314	full	1	9-12

Latin II	51	6324	full	1	10-12
Latin III	51	6334	full	1	11-12
H Latin III	51	6335	full	1	11-12
H Latin IV	52	6345	full	1	11-12
Latin: Building Word Power	52	6380	half	.5	9-12
Beginning English Language Learners	52	6900	full	1	9-12
Int/Adv English Language Learners	52	6910	full	1	9-12

## EARLY COLLEGE EXPERIENCE/COLLEGE CAREER PATHWAY

UConn Early College Experience (ECE) and Housatonic College Career Pathway (CCP) programs provide academically motivated students with 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. They may earn college credits that provide both an academic and a financial head-start on a college degree.

UConn ECE instructors, who are high school teachers certified as adjunct professors by UConn faculty, create a classroom environment fostering independent learning, creativity and critical thinking—all pivotal for success in college. To support rigorous learning, University of Connecticut library resources are available to all UConn ECE students.

UConn ECE and Housatonic CCP students must successfully complete the course with a grade of C or above to receive University credit. University credits are highly transferable to other colleges and universities.

UConn ECE courses: per credit fee  
Housatonic CCP courses: no per credit fee

### The College Board's Advanced Placement Program compared to The University of Connecticut's Early College Experience

	Advanced Placement	Early College Experience
<b>Cost</b>	\$86 test fee (fee varies annually)	\$25 per credit (each course is 3-4 credits, tuition may vary annually)
<b>Curriculum</b>	The course curriculum is approved by the College Board	UConn ECE courses are taught in the high school by certified instructors who serve as UConn adjunct faculty members
<b>Score/Grade</b>	Score report provided by College Board	Official transcript from the University of Connecticut
	You earn a score on the AP test (1-5)	You earn a grade upon completion of the course (C or higher). Students who earn a grade below a C will have their course grade changed automatically to an Audit. Audited courses do appear on the transcript, but do not adversely affect the GPA
	Your score is based on the AP test that is taken in May	Final grade is based on an average of tests, midterm and final which occur throughout the year
<b>Credit</b>	Colleges vary in practice as to how they handle the AP score. <ol style="list-style-type: none"> <li>1. Credits may be fully transferable into a program of study.</li> <li>2. Students may be granted exemption from taking a similar course.</li> <li>3. Credits may be used towards fulfillment of a prerequisite, allowing the opportunity to take part in a more advanced course.</li> </ol>	The course and grade are part of a UConn transcript. If you attend UConn, the information is part of your official record. Colleges other than UConn vary in practice as to how they handle the transcript. <ol style="list-style-type: none"> <li>1. Credits may be fully transferrable into a program of study.</li> <li>2. Students may be granted exemption from taking a similar course.</li> <li>3. Credits may be used towards fulfillment of a prerequisite, allowing the opportunity to take part in a more advanced course.</li> </ol>
<b>Registration</b>	Registration deadline for the AP test is prior to February break	Registration deadline is at the end of June <sup>h</sup> of the preceding year (also an Add/Drop period at the start of the school year).
<b>Additional Information</b>	<a href="http://collegeboard.com">Collegeboard.com</a>	<a href="http://web2.uconn.edu/ece/">http://web2.uconn.edu/ece/</a>

## THS PERIOD 9 EXTENSION DESCRIPTORS

### 1. Independent Study:

- Included in 5.5 credit classes
- Approval through Guidance Chair/Principal/Headmaster
- Enrichment opportunity for material investigation not found in the published curriculum

### 2. Career Internship:

- With administrative approval, it has the option of being included in the 5.5 credit base
- Taken as pass/fail
- Provides a work-based learning, structural training, and mentoring opportunity
- Credit will be commensurate with the time spent on the internship site

### 3. Jazz Band:

- Included 5.5
- Meets 2 nights per week for 2.5 hours per night
- Receives .5 credit
- Membership achieved by audition only

### 4. Vocal Ensembles:

- Included in 5.5
- Meets 1 night per week for 1.5 hours
- Credit .5 (phase in time taken into account; 2011-12 initiation)
- Prerequisite of the course is participation in at least one of the other choral groups or by permission of the instructor
- Required hours are extended to dress rehearsals, concerts, additional rehearsals, performances, tours, etc.
- Intended to be an extension of the learning that takes place on a daily basis utilizing gender specific repertoire

### 5. Honors Creative Writing Thesis:

- May be part of 5.5 with administrative approval
- Linked with the Language Arts Department Head and the Head Library-Media Specialist
- Meets once per week for 45 minutes
- Full year course
- Students graded on the completion of the novel and may earn 1.0 credits

### 6. Newspaper (Editing/Publishing – Eagles Eye):

- Will transition from a p/f course to a graded course at the start of the 2010-11 school year
- Grading will be based on rubrics which have been designed for individual positions on the newspaper
- Students must take Journalism I and II before admission into this course; they must attend weekly meetings and monthly layout nights
- Full year course for 1.0 credits
- May be part of the 5.5 baseline

### 7. Trillium/Yearbook:

- Individual positions may be applied for Rubrics used for evaluative purposes

- Credits are based on job titles and functions
- Constant conferences held among advisors and students
- Grades are based on the review of the observational files created during the course
- Creation of a signed contract between students/parents and the school
- May vary by participation during four quarters (marking periods)
- Credit ranges from .25 to 1.0
- Many students opt for volunteerism without credit standing
- Part of 5.5 credits

#### **8. RCA**

- Held off campus – early dismissal from THS; during and after the school day
- Part of 5.5
- Application process required

#### **9. Community Service**

- .5 = 60 hours
- 1.0 = 120 hours
- Not part of 5.5
- Service learning credit will be rewarded as additional credit which may be earned only after all traditional THS requirements have been satisfied

#### **10. Work For Credit Special Ed**

- Included in the 5.5 credits
- Special Education Identification is a prerequisite
- Job in the community at least 10 hrs per week is a requirement
- Application/release form processed through transition specialist and reps.
- .25 credit per m.p. per quarterly verification of employment by transition specialist
- Automatic pass if meeting 10 hour work requirement
- Has been assigned retroactively at discretion of PPS staff

\*Unless schedule dictates (i.e., Grade 9, 7 credit norm), students securing over the 6.65 credit maximum must have administrative approval.

## THS to ECE Course Key

THS 9184	ECE Plant Science Technology Gr. 12 = HORT 1110 - Fundamentals of Horticulture
THS 9174	ECE Plant Science Technology Gr.11 = HORT 2520 - Floral Art
THS 9154	ECE Agri Biotechnology Gr. 11 = PLSC 3230 – Biotechnology, Application, Impact
THS 9164	ECE Agri Biotechnology Gr. 12 = PLSC 3240 – Biotechnology Science
THS 2405	H ECE Elementary Discrete Math = MATH 1030Q – Elementary Discrete Mathematics
THS 2236	AP ECE Calculus AB = MATH 1125Q Calculus IA, MATH 1126Q – Calculus IB
THS 2246	AP ECE Calculus BC = MATH 1131Q – Calculus I, MATH 1132Q Calculus II
THS 3106	AP ECE Physics B = PHYS 1201Q – General Physics I, PHYS 1202Q – General Physics II
THS 3146	AP ECE Environmental Science = NRE 1000 – Environmental Science
THS 4195	H ECE International Relations = POLS 1402 – Introduction to International Relations
THS 4226	AP ECE European History = HIST 1400 – Modern Western Tradition
THS 4046	AP ECE Government and Politics = POLS 1602 Introduction to American Politics
THS 4026	AP ECE United States History = HIST 1501, HIST 1502
THS 4036	AP ECE Economics = ECON 1202 Principles of Macroeconomics/ECON 1201 Principles of Micro economics

## COURSE SELECTION TIP SHEET

- All students must take a minimum of 5.5 credits during the school day every year
- A daily lunch period is required
- Teacher recommendation is needed for level placement
- World Language is recommended for admission to many four year colleges. **This is not a THS graduation requirement**

### Grade 10 Guidelines

- English 10
- Math
- Science
- Social Studies
- PE 10
- 1 -2 credits of electives

### Grade 11 Guidelines

- English
- Math
- Science
- Social Studies may be required for some students
- PE 11
- 2-3 credits of electives

### Grade 12 Guidelines

- English (2 half year courses - one must be literature)
- Social Studies
- 3.5 – 4.5 credits of electives required

Many 4 year colleges recommend that students take the most competitive course load available to them and in which they can be successful.

## EARLY RELEASE / LATE ARRIVAL

Juniors and Seniors requesting early release from school should include “Early Release” on their course request sheet, which must then be signed by their parent(s), as well as on the verification sheets that are sent home in the spring. The Early Release passes are not issued until the parent and School Counselor signs the paperwork in the fall. Please keep in mind that requesting “Early Release” is not a guarantee that it will be included on a student’s final schedule.

## *Notes*