

Course Descriptions

ART

900 FOUNDATIONS OF ART 1

GR: 9-12 CR: .50

This is a basic art class that covers the elements and principles of design. Students will learn various drawing techniques to create the illusion of three dimensional spaces on a two dimensional surface using two and one point perspective and develop as well as enhance existing drawing skills so that the student can draw more realistically. This will be achieved through various mediums and values of shading in pencil and colored pencil. Ideas will be developed through primary sketches to create larger compositions. The students will learn how to mix colors using all the mediums. Various artists and works of art associated with these artists will be discussed and used as a basis for art works and projects produced in class. Students will be able to analyze and evaluate their works of art through reflection, evaluation and assessment.

EC • EW

902 DRAWING 1

GR: 10-12 CR: .50

Prerequisite: Foundations of Art 1.

This is a beginning drawing course that will teach the basic steps and techniques used in drawing from observation. Students will develop confidence and drawing skills to express visual facts. Emphasis will be placed on perspective and structure. This course provides an in-depth exploration of a variety of tools and materials and the time needed to refine skills. **EC • EW**

909 DRAWING 2

GR: 10-12 CR: .50

Prerequisite: Drawing 1.

Students will continue to refine their drawing skills, along with the organization of 2-dimensional surfaces, through observational studies of the figure and the environment. A variety of drawing media will be used. **EC • EW**

904 SCULPTURE 1

GR: 10-12 CR: .50

Students explore the world of three dimensional art, using various papers, cardboard, wire, clay, paper mache and plaster, etc. Students will produce several final art pieces. **EC • EW**

911 SCULPTURE 2

GR: 10-12 CR: .50

Students advance their skills again, using various techniques and materials to make several pieces. One entire term is devoted to ceramics. **EC • EW**

BILINGUAL EDUCATION

Bilingual students are serviced through sheltered content classes* and English as a Second Language (ESL) classes, in which English is the primary language of instruction. Students are limited to 30 months in a Bilingual program by Connecticut state law. This program follows the school district's curriculum in the target and native language. Research-validated practices and strategies are used which capitalize on the students' prior knowledge, learning styles, and linguistic and cultural assets as the basis for second language acquisition. As students become more proficient in English, they are increasingly mainstreamed for their subject area courses. Students who have completed the 30 months in the Bilingual Program must exit, but may receive ESL and/or some sheltered content classes based on their needs.

ESL Courses

016 ESL BEGINNING

GR: 9-12 CR: 2.00

Students are placed in Beginning ESL per score on the LAS (Language Assessment Scale). In this double period class students learn the rudiments of the English language to develop their skills in the speaking, listening, reading and writing of English. Students are gradually introduced to literature through the SIOP (Sheltered Instruction Observation Protocol) method to make it more accessible to them.

RFI • EW

026 ESL INTERMEDIATE

GR: 9-12 CR: 1.00

Students are placed in Intermediate ESL per score on the LAS (Language Assessment Scale) test and teacher recommendation. Students continue to develop their skills in the speaking, listening, reading and writing of English. More emphasis is placed on writing skills, grammar, and reading. Longer selections are introduced, including the reading of abridged books that are part of the English/Language Arts curriculum.

RFI • EW

036 ESL ADVANCED

GR: 9-12 CR: 1.00

Students are placed in Advanced ESL per score on the LAS (Language Assessment Scale) test and teacher recommendation. Advanced ESL focuses on the development of reading and writing skills in English. The English/Language Arts curriculum is followed as closely as possible, but material is presented through the SIOP (Sheltered Instruction Observation Protocol) method and at a slower pace.

RFI • EW

046 ESL ADVANCED 2

GR: 9-12 CR: 1.00

Students are placed in Advanced II ESL per score on the LAS (Language Assessment Scale) test and teacher recommendation. Advanced ESL focuses on the development of reading and writing skills at a more advanced level. The English/Language Arts curriculum is followed as closely as possible, but material is presented through the SIOP (Sheltered Instruction Observation Protocol) method and at a slower pace. Students are prepared for placement into a mainstream English class for the following school year.

RFI • EW

**Sheltered classes are offered in: Algebra 1, Geometry, Algebra 2, Physical Science, Biology, Human Biology, Modern World History, Civics, U.S. History 2, and U.S. History 3.*

CAREER & TECHNICAL EDUCATION

609 EAGLES BUSINESS

GR: 9-12 CR: 0.5

This introductory course surveys an array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance, the role of government in business, consumerism, credit, investment, and management. They usually provide a brief overview of the U.S. economic system, small businesses, and corporate organizations.

Introductory Business courses may also expose students to the varied opportunities in administration, accounting, management, and related fields.

RFI • EC

603 INTRODUCTION TO BUSINESS NVCC

GR: 11-12 CR: 1.00

Prerequisite: Eagles Business for 11th graders.

Introduction to Business presents a survey of the fundamental principles of business including the nature and environment of business. The special functions of marketing, management and accounting are considered, as well as the vital area of human resource development. With successful completion of this course, students will receive college credit from Naugatuck Valley Community College

RFI • EC

677 PERSONAL FINANCE

GR: 10-12 CR: 0.5

Prerequisite: Eagles Business for 9th or 10th graders.

This course provides students with an understanding of the concepts and principles involved in managing one's personal finances. These courses emphasize lifespan goal-setting, individual and family decision making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. This course may also investigate the effects of the global economy on consumers and the family.

RFI • EC

669 MARKETING 1

GR: 9-12 CR: 0.5

Prerequisite: Eagles Business for 11th graders.

Marketing 1 offers students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered; however, a major emphasis is often placed on kinds of markets; market identification; product planning, packaging, and pricing; and business management.

RFI • EC

671N PRINCIPLES OF MARKETING NVCC

GR: 11-12 CR: 1.00

Prerequisite: Marketing 1

Principles of Marketing, deals with the marketing function of the firm primarily from the management standpoint. Topics include marketing strategy, new products, channels of distribution, pricing, and promotion. The function of the marketing institution in economic and social context is considered. With successful completion of this course, students will receive 3 college credits in business from Naugatuck Valley Community College.

RFI • EC

606 ACCOUNTING 1**GR: 9-12 CR: 0.5***Prerequisite: Eagles Business for 11th graders.*

Accounting courses introduce students to and expand their knowledge of the fundamental accounting principles and procedures used in businesses through integrating and using accounting-related software and information systems. Course content includes the recording and completion of the accounting cycle, payroll, taxes, debts, depreciation, and periodic adjustments through a computerized accounting program. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or computer accounting software are usually used. Advanced topics may include principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

RFI • EC**607 ACCOUNTING 2****GR: 10-12 CR: 1.00***Prerequisite: Accounting 1*

Begins with a business simulation in which students perform all of the tasks covered in Accounting 1. The remainder of the course is dedicated to the study of accounting tasks that must be performed by or for a corporation. The advantages and disadvantages of this type of ownership are discussed as well as a brief overview of the stock market. In Accounting 2, students perform all of the accounting tasks and activities in the accounting cycle for a corporation. During the final marking period in this course students will be introduced to an automated accounting system in which they will use their knowledge of the accounting process to record, journalize and post transactions as well as generate financial reports in a fast and effective manner. Solving problems, making decisions and reasoning effectively are used throughout this course.

RFI • EC**604 BUSINESS MANAGEMENT 1****GR: 9-12 CR: 0.5***Prerequisite: Eagles Business for 9th or 10th graders*

Business Management 1 acquaints students with management opportunities and effective human relations. Business Management 1 provides students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, BM1 provides a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. This course also emphasizes problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

RFI • EC**605 BUSINESS MANAGEMENT 2****GR: 10-12 CR: 0.5***Prerequisite: Business Management 1*

Business Management 2 helps students develop the knowledge and skills necessary to own and operate their own businesses. The course content covers topics from a number of fields: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, communication, information management, risk management, and strategic management. Several topics surveyed in Business Management 1 are also included as well as Entrepreneurial skills.

RFI • EC

684 FOUNDATIONS OF HEALTH**GR: 10-11 CR: 1.00**

This course is part of the health services core designed to provide the student with an in-depth knowledge of the body systems. Students expand their knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, legal and ethical responsibilities including HIPAA, workplace safety OSHA and the development of critical thinking, medical terminology and vital signs.

RFI • EC**676 NURSE ASSISTANT CNA****GR: 11 CR: 1.00***Prerequisite: Foundations of Health*

Students in this course will participate in academic and skill mastery, roles and responsibilities of the nurse assistant, patient care skills, geriatric care, safety and comfort, infection control, vital signs, and patient assessments

RFI • EC**676C NURSE ASSISTANT CNA CLINICAL****GR: 11 CR: 2.00***Prerequisite: Foundations of Health*

Taken concurrently with Nurse Assistant CNA (676). Students will participate in “hands on” patient care weekly. Combined with 676 the students complete the mandatory 100 hours of combined academic and clinical experience required by the State of Connecticut DPH. Students successfully meeting course requirements will be eligible to take the CT Prometric Certified Nurse Assistant exam for industry certification which is strongly recommended for students who wish to enter into nursing.

RFI • EC**6667 HEALTH SCIENCE CAREERS****GR: 12 CR: 1.50***Prerequisite: Nurse Assistant CNA/Clinical*

This course provides students with work experience in fields related to therapeutic services. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). This course also includes classroom activities that provides opportunities for further study of the field and discussion regarding experiences that students encounter in the workplace.

RFI • EC**690U INTRO TO ALLIED HEALTH PROFESSIONS UCONN****GR: 12 CR: 1.00***Prerequisite: Nurse Assistant CNA/Clinical*

This UCONN ECE course will offer 11th grade students an overview of allied health professions. A variety of allied health professions will be highlighted. Allied health professionals will be invited to describe their work/general duties and responsibilities of the profession, the work environment, educational requirements and employment trends. By investigating various professions in allied health, students will have the opportunity to make informed college and career decisions.

RFI • EC**683U MEDICAL TERMINOLOGY UCONN****GR: 12 CR: 1.00***Prerequisite: Nurse Assistant CNA/Clinical*

This UCONN ECE Medical Terminology course provides an introduction to and mastery of medical terminology through presentation of word roots, prefixes and suffixes. It provides

meanings for these medical terms in the context of the structure and function of the human body. This course runs each semester for a double period and opposite Health Science Careers at Kennedy and Wilby. **RFI • EC**

747 AVIATION & FLIGHT SCIENCES 1 GR: 9-12 CR: 0.5

This high-flying STEM experience was designed by veteran pilots and aerospace engineers as the single most comprehensive, engaging, and dynamic aviation curriculum available to high school students! The primary objective of the AFS progression is to put high school math and science classes into applied context through the thrilling real-world framework of aviation. The secondary objective is to equip students with key college & career soft skills including critical thinking, public speaking, task management, and effective teamwork & communication. Through extensive ground school studies and strenuous flight training on highly-realistic desktop simulators, graduates of this course will be able to boast a significant portion of the same training civilian and military pilot candidates receive in flight school without leaving the safety of the classroom environment **CTP • EC**

766 SOFTWARE DEVELOPMENT 1 GR: 9-12 CR: 0.5

In today's global technology network, software is the single common thread tying all disciplines together. All STEM industries, without exception, benefit from the efforts of software developers, engineers, and integrators on a daily basis. This lighting-paced course will introduce students to how corporate software projects are developed, managed, integrated, and fielded. An interface-oriented approach to software development eliminates the need for any prior coding experience. Students will navigate this complex world following a project-based roadmap and leave with a significant sense of accomplishment and key professional skills after creating professional-caliber apps, games, and control algorithms. SD graduates will establish a solid foundation in software development principles. More importantly, they will gain a big-picture understanding of interface management and the engineering process at large. **CTP • EC**

768 SOFTWARE DEVELOPMENT 2 GR: 9-12 CR: 0.5

Prerequisite: Software Development 1

Having gained knowledge in SD 1, students are thrust into a software development project to further their understanding, problem solving and teamwork skills. They will need to rely on team members to do their parts in order to complete the scope of the project on schedule. The students will gain a deep understanding of larger projects that incorporate software and harder integration to allow them to succeed in their future careers no matter what discipline or industry they end up in. **CTP • EC**

750 CONSTRUCTION 1 GR: 9-12 CR: 0.5

Construction 1 introduces students to the various kinds of woods used in industry and offers experiences in using selected woodworking tools. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. This course begins a student's career pathway in Construction by completing the Core Curriculum certified by NCCER (National

Center for Construction Education & Research) and IMTI (Industrial Management & Training Institute) **CTP • EC**

751 CONSTRUCTION 2

GR: 9-12 CR: 0.5

Prerequisite: Construction 1

Construction 2 focuses on carpentry skills and provides information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills. Construction 2 starts addressing modules in the NCCER Level 1 Carpentry curriculum. **CTP • EC**

752 CONSTRUCTION 3

GR: 10-12 CR: 1.00

Prerequisite: Construction 2

Construction 3 provides students with information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills. Construction 3 completes NCCER Level 1 Carpentry modules. **CTP • EC**

7735 MANUFACTURING 1

GR: 9-12 CR: 0.5

Manufacturing 1 allows students to study the physical and chemical properties of woods and composites made from woods and to use these materials to construct usable products according to industry standards. Manufacturing 1 enables students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines. **CTP • EC**

7736 MANUFACTURING 2

GR: 9-12 CR: 0.5

Prerequisite: Manufacturing 1

Manufacturing 2 provides students with the opportunity to focus on one or more areas of industrial technology to design or redesign a product to solve a problem. Students may build prototypes and working models and may evaluate the product and process according to industry standards. **CTP • EC**

798 MANUFACTURING 1 NVCC

GR: 11 CR: 2.00

Machining courses enable students to design and manufacture metal parts using various machine tools and equipment. Course content may include interpreting specifications using blueprints; preparing and using manual and computer numerical controlled (CNC) lathes and milling

machines, shapers, and grinders with skill, safety, and precision; maintenance; developing part specifications; and selecting appropriate materials. Advanced course topics may include quality control; statistical process control; and application of measurements, metalworking theory, and properties of materials. Courses may prepare students for industry certification. This course is conducted offsite. **CTP • EC**

799 MANUFACTURING 2 NVCC

GR: 12 CR: 2.00

Prerequisite: Manufacturing 1 NVCC

Machining courses enable students to design and manufacture metal parts using various machine tools and equipment. Course content may include interpreting specifications using blueprints; preparing and using manual and computer numerical controlled (CNC) lathes and milling machines, shapers, and grinders with skill, safety, and precision; maintenance; developing part specifications; and selecting appropriate materials. Advanced course topics may include quality control; statistical process control; and application of measurements, metalworking theory, and properties of materials. Courses may prepare students for industry certification. This course is conducted offsite. **CTP • EC**

825 CHILD DEVELOPMENT

GR: 9-12 CR: 0.5

Child Development engages students in the study of the social, emotional, moral and physical development of children ages three through twelve. This course focuses on brain development, communication and the importance of providing quality learning experiences in children. Students will also be exposed to dealing with children's disabilities and an introduction to setting up an early childhood classroom. **RFI • EW**

8001 TEACHER PREP 1

GR: 10-12 CR: 0.5

Prerequisite: Child Development

Teacher Prep 1 addresses child development and education issues, so that students can guide the development of children in educational settings. TP1 includes the planning and implementing of developmentally appropriate learning activities, health and safety practices, safe learning environments, and legal requirements for teaching young children. **RFI • EW**

720 GRAPHIC COMMUNICATIONS 1

GR: 9-12 CR: 0.5

Graphic Communications is a course of study of the processes used in the graphic communication profession. It is the exchange of information in a visual form, such as words, drawings, photographs, or a combination of these in both printed and electronic form. Students will learn computer applications, the use of varied equipment, and they will incorporate the use of the Internet as a resource in their projects. **CTP • EC**

722 GRAPHIC COMMUNICATIONS 2

GR: 9-12 CR: 0.5

Prerequisite: Graphic Communications 1

Graphic Communications is a course of study of the processes used in the graphic communication profession. It is the exchange of information in a visual form, such as words, drawings, photographs, or a combination of these in both printed and electronic form. Students will learn computer applications, the use of varied equipment, and they will incorporate the use of the Internet as a resource in their projects. **CTP • EC**

740 AUTOMOTIVE 1**GR: 9-12 CR: 0.5**

This course covers the theory behind an internal combustion engine. Students will learn this theory and apply it to the disassembly, cleaning, stripping, painting, repair, and reassembly of a small 4-stroke-cycle engine. Basic tool skills, personal responsibility, positive attitude, and lab safety will be stressed.

CTP • EC**741 AUTOMOTIVE 2****GR: 9-12 CR: 0.5***Prerequisite: Automotive 1*

Automotive Technology 2 continues with the learning concepts from Automotive 1 and builds upon the skills needed to keep current in the automotive industry. Students will continue to develop knowledge of the different transportation systems and learn through hands-on activities how to use different automobile equipment in repairing automobiles.

CTP • EC**745 AUTOMOTIVE 3****GR: 10-12 CR: 1.00***Prerequisite: Automotive 2*

Advanced Automotive Technology will expand upon the depth of the content in understanding built in Automotive 1 and 2 as well as introduce more complex contents as noted in the topic listing.

CTP • EC**727 VIDEO PRODUCTION 1****GR: 9-12 CR: 1.00**

Video Production 1 is designed to introduce students to the use of video production technology. The course will focus on the use of cameras and related equipment to produce live and scripted video and to solve technical problems associated with the production process. Through the use of our studio and its equipment, we will develop skills involved in the various roles associated with a video production studio. We will also be involved in maintaining the proper and continuous broadcasting of video on the local education channel via cable. The editing process will incorporate many current techniques employed in both digital and linear modes. A large emphasis is placed on leveraging Marketing and how both content areas work together in the real world.

CTP • EC**728 VIDEO PRODUCTION 2****GR: 10-12 CR: 1.00***Prerequisite: Video Production 1*

In Video Production 2, students continue the technical and script writing skills learned in Video Production 1. Students are engaged in a rigorous program that enhances all skill sets learned in VP1.

CTP • EC

ENGLISH

010K ENGLISH 9 HONORS SOAR	GR: 9	CR: 1.00
010 ENGLISH 9 HONORS	GR: 9	CR: 1.00
011 ENGLISH 9	GR: 9	CR: 1.00

Emphasis is placed on developing students' ability to comprehend and analyze challenging literature, on developing students' oral and written communication skills, and on reinforcing students' organizational, study, and research skills. This course, with its student-centered approach and alternative assessment opportunities, provides an excellent transitional experience for incoming freshmen. The reading component concentrates on the characteristics of poetry and prose, fiction and nonfiction. The writing component includes a portfolio that utilizes various types of writing, e.g. response to literature and the *modes of discourse*: narration, description, exposition and persuasion. Speaking, listening, and viewing are integrated into the class expectations through the use of various media, class discussions, and oral reports. **RFI • EW**

020K ENGLISH 10 HONORS SOAR	GR: 10	CR: 1.00
020 ENGLISH 10 HONORS	GR: 10	CR: 1.00
021 ENGLISH 10	GR: 10	CR: 1.00

English 10 recognizes the foundation put in place by the English 9 curriculum and seeks to extend and deepen development through the study of World Literature. This course develops reading, writing, and thinking skills to help students respond on an intellectual, personal, and emotional level to literature (through the lens of life experiences). Students will practice different forms of writing and make connections between what is studied and what they have experienced, in life, literature or elsewhere. In addition to strengthening reading, writing, listening, and speaking skills, students will also be discovering personal answers to several essential questions throughout the year. **RFI • EW**

030U AMERICAN STUDIES/UCONN	GR: 11	CR: 1.00
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American Studies is a team taught, full year course that takes an interdisciplinary approach to the study of American culture. The course rests on two main pillars, the study of United States History and American Literature. The course also integrates art, architecture, and music to help the student develop a total picture of the American Experience. The course offers a variety of teaching strategies and learning activities. Students in American Studies are assigned a double class period. After successful completion of the course, the student will have fulfilled the United States History requirement and the English 11 requirement. **RFI • EW**

030 ENGLISH 11 HONORS	GR: 11	CR: 1.00
031 ENGLISH 11	GR: 11	CR: 1.00

This course conceptually explores American ideals through the literature produced here, from the time of the earliest colonists to today. A wide variety of texts and film are offered to differentiate the course. Students will explore the literature through lenses such as race, class, and gender to name a few, responding through writing, discussion, and oral discourse. There is an emphasis on the cyclical process of planning, drafting, revising, editing, publishing and reflecting to make writing better. **RFI • EW**

040K ENGLISH 12 HONORS SOAR	GR: 12	CR: 1.00
040 ENGLISH 12 HONORS	GR: 12	CR: 1.00
041 ENGLISH 12	GR: 12	CR: 1.00

This survey course extends comprehension through deep comparative and critical analyses of world literature. It culminates with the exploration of self through literature and personal essays that express high-level critical thinking. It also develops research and writing skills necessary for college acceptance and sustained post-secondary achievement. In the second semester, students may choose from concentrations in areas such as British literature, Shakespeare, poetry, minority literature, short stories, and mysteries. **RFI • EW**

030A ENGLISH LANGUAGE & COMPOSITION AP GR: 11 CR: 1.00

Advanced Placement English Language and Composition is intended for advanced college preparatory junior level students. It is primarily a course in both effective writing and critical reading designed to strengthen the students' skills in analyzing the reasoning and expression for ideas in prose passages. AP English Language requires students to demonstrate skill in composition through the development of various rhetorical modes. Students are able to hone their own writing skills through attentive and continued analysis of a variety of prose texts. This course prepares students for further Advanced Placement study in English Literature and Composition (senior year) as well as for college courses. **RFI • EW**

040A ENGLISH LITERATURE AP GR: 12 CR: 1.00

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. **RFI • EW**

067 CREATIVE WRITING GR: 10-12 CR: 1.00

This course is designed to give students opportunities for creative self-expression in writing and to further their writing skills. Focus is on various types of creative writing from both poetry and prose and the development of a personal creative writing portfolio. Student writing samples may include short stories, poetry, dramatic speeches, declamations, dialogues, biographies, and autobiography. **RFI • EW**

085 DRAMA 1 GR: 10-12 CR: 1.00

Concentrated on the literary elements of the dramatic arts, this course teaches students to develop characters, adapt stories to the stage, and write and act original scenes. Performance is a requirement, building confidence and self-esteem. Writing, speaking skills, and practical self-expression skills are acquired. **RFI • EW**

057 JOURNALISM 1 GR: 9-12 CR: 1.00

Journalism introduces students to the field of news writing. Emphasis is given to the language particular to journalistic conventions of writing and to editing. Learning is by "doing;" students are provided with practical opportunities to explore various styles of journalistic communication,

to produce articles and copy in these styles, and to experience diverse roles in the publishing process. **RFI • EW**

073 ENGLISH SAT PREP

GR: 11-12 CR: .50

For college-bound students, a half-year course of intensive study in SAT vocabulary, reading comprehension, and the new SAT Essay. *Taken with 373 MATH SAT PREP.* **RFI • EW**

HEALTH AND PHYSICAL EDUCATION

840 HEALTH, WELLNESS & PERSONAL CONDITIONING 1

GR: 9-12 CR: 0.50

Health, Wellness & Personal Conditioning 1 is a dual-purpose grade 9 course in which students acquire the knowledge and skills necessary to design and execute their own personalized fitness conditioning program while exploring contemporary issues surrounding Nutrition, Personal Health, Mental Health, Personal Safety, Behavioral Health, Substance Abuse Prevention, and Human Sexuality. Students will understand, compare and contrast, and then apply principles of Health and Wellness to develop decision-making skills, habits and attitudes that positively impact them physically, intellectually and socially/emotionally.. **RFI • CTP**

841 HEALTH, WELLNESS & PERSONAL CONDITIONING 2

GR: 10-12 CR: 0.50

Health, Wellness & Personal Conditioning 2 is a dual-purpose grade 10 course in which students refine the knowledge and skills necessary to design and execute their own personalized fitness conditioning program while exploring contemporary issues surrounding Nutrition, Personal Health, Mental Health, Personal Safety, Behavioral Health, Substance Abuse Prevention, and Human Sexuality. Students will understand, compare and contrast, and then apply principles of Health and Wellness to apply decision-making skills, habits and attitudes that positively impact them physically, intellectually and socially/emotionally. **RFI • CTP**

842 LIFETIME HEALTH, WELLNESS & RECREATIONAL SKILLS 1

GR: 9-12 CR: 0.50

Lifetime Health, Wellness & Recreation Skills 1 is a dual purpose grade 9 course designed to offer a fun, flexible menu of social and recreational skill development activities as chosen with students, and adjusted to their motivational levels and skill abilities. This course puts particular emphasis on recreational and lifetime activities that prepare students for lifelong social recreation, healthy habits and healthy lifestyles, while exploring contemporary issues surrounding Nutrition, Personal Health, Mental Health, Personal Safety, Behavioral Health, Substance Abuse Prevention, and Human Sexuality. Students will understand, compare and contrast, and then apply principles of Health and Wellness to apply decision-making skills, habits and attitudes that positively impact them physically, intellectually and socially/emotionally.

RFI • CTP

843 LIFETIME HEALTH, WELLNESS & RECREATIONAL SKILLS 2**GR: 10-12 CR: 0.50**

Lifetime Health, Wellness & Recreation Skills 2 is a dual purpose grade 10 course designed to offer a fun, flexible menu of social and recreational skill development activities as chosen with students, and adjusted to their motivational levels and skill abilities. This course puts particular emphasis on recreational and lifetime activities that prepare students for lifelong social recreation, healthy habits and healthy lifestyles, while exploring contemporary issues surrounding Nutrition, Personal Health, Mental Health, Personal Safety, Behavioral Health, Substance Abuse Prevention, and Human Sexuality. Students will understand, compare and contrast, and then apply principles of Health and Wellness to apply decision-making skills, habits and attitudes that positively impact them physically, intellectually and socially/emotionally.

RFI • CTP**MATHEMATICS****300K ALGEBRA 1 HONORS SOAR****GR: 9 CR: 1.00****300 ALGEBRA 1 HONORS****GR: 9 CR: 1.00**

This intense and accelerated course applies the tools and critical thinking skills needed to solve real world problems. The course covers all types of linear equations and inequalities, quadratic functions, exponential functions, and systems of equations. Coordinate geometry will be integrated into the investigation of these functions. Data analysis including measures of central tendency and visual representations of data are studied. An understanding of correlation and causation will be developed and reasonable lines of best fit will be used to make predictions. Students use a graphing calculator in order to stay current with modern technological trends. Content is aligned to the Connecticut Core Standards and the new SAT; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended.

EC • CTP**301 ALGEBRA 1****GR: 9 CR: 1.00****301S ALGEBRA 1****GR: 9 CR: 1.00**

This course applies critical thinking skills needed to solve real world problems. It covers patterns and sequences, all types of linear equations and inequalities in one variable, systems of equations, quadratic functions, and an introduction to exponential functions. Coordinate geometry will be integrated into the investigation of these functions. Students learn how to use a graphing calculator in order to stay current with modern technological trends. Content is aligned to the Connecticut Core Standards and the new SAT; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended.

EC • CTP**350K GEOMETRY HONORS SOAR****GR: 10 CR: 1.00****350 GEOMETRY HONORS****GR: 10-12 CR: 1.00**

This course offers an accelerated and in depth approach to plane, solid and coordinate geometry. Intensive investigations of basic properties, angles, triangles, polygons, parallelograms, circles, area, volume, congruence, trigonometry, and similarity are covered. Through the development of

inductive/deductive reasoning and proofs students will develop their logical reasoning skills. Students will apply critical thinking skills by solving rigorous, real life problems utilizing technology. Content is aligned to the Connecticut Core Standards; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. **EC • CTP**

351 GEOMETRY GR: 10-12 CR: 1.00

351S GEOMETRY GR: 10-12 CR: 1.00

Students discover, explore and make conjectures about geometric concepts and relationships including parallelism, congruence, similarity, area, volume, trigonometry and coordinate geometry. Emphasis is placed on discovery of patterns, real life problem solving using technology, mathematical connections to other disciplines, critical thinking, reasoning, and communicating mathematics. Algebra skills are reviewed and strengthened throughout the course through the application of geometric concepts. Content is aligned to the Connecticut Core Standards; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. **EC • CTP**

320K ALGEBRA 2 HONORS SOAR GR: 10 CR: 1.00

320 ALGEBRA 2 HONORS GR: 10 CR: 1.00

Prerequisite: Algebra 1. Teacher Recommendation.

This rigorous, accelerated course provides students with opportunities to interpret, evaluate, and develop models that describe real-world phenomena. Topics studied in this class include quadratic function, exponential and logarithmic functions, trigonometric functions, and polynomial functions. Advanced features of the graphing calculator are incorporated into the course work, as well as real life problem-solving and applications of Algebra 2 in various fields such as engineering and the sciences. Preparation for the SAT is an important part of Algebra 2 Honors and Algebra 2 SOAR; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. **EC • CTP**

321 ALGEBRA 2 GR: 10-12 CR: 1.00

321S ALGEBRA 2 GR: 10-12 CR: 1.00

Prerequisite: Successful completion of Algebra 1 with C- or better average.

Algebra 2 continues the study of quadratic functions and introduces students to polynomial functions, logarithmic functions and trigonometric functions. Students will also study inferential statistics. Advanced features of the graphing calculator are incorporated into the course work. Real-world problem solving and applications of algebra in various fields such as engineering and the sciences are a focal point of instruction. Content is aligned to the Connecticut Core Standards and the new SAT; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. **EC • CTP**

322 ALGEBRA 2 FOUNDATIONAL GR: 10-12 CR: 1.00

Prerequisite: Successful completion of Algebra 1 without averaging C- or better.

Algebra 2 Foundational provides a review of the basic terminology, notation, concepts and applications of Algebra I. Students will engage in the study of quadratic functions and will explore polynomial functions, logarithmic functions and trigonometric functions. Real-world problem solving and applications of algebra in various fields such as engineering and the

sciences are a focal point of instruction. Content is aligned to the Connecticut Core Standards and the new SAT. **EC • CTP**

345 PRE-COLLEGE ALGEBRA GR: 12 CR: 1.00

The main themes of Intermediate Algebra are functions, represented by tables, graphs, and rules, and problem solving. The study of polynomial functions is extended via applications involving linear functions, linear systems, and quadratic functions. Students also study exponential functions, rational functions, radical functions, and absolute value functions. Computer component required; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. This may be used as a general elective. **EC • CTP**

370K PRE-CALCULUS SOAR GR: 11-12 CR: 1.00

370 PRE-CALCULUS HONORS GR: 11-12 CR: 1.00

Prerequisite: Algebra 2. Teacher Recommendation.

This course provides algebraic and graphical explorations of polynomial, rational, exponential, logarithmic, and inverse functions with real life applications. In addition, trigonometric functions are studied as circular functions with applications to triangle problems. Topics include trigonometric identities, inverse trigonometric functions and oblique triangle trigonometry. Limits and sequences and series will be introduced if time permits. Extensive use of the graphing calculator will assist the student in a balanced approach to solving problems; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. **EC • CTP**

371 PRE-CALCULUS GR: 11-12 CR: 1.00

Prerequisite: Algebra 2.

This course is designed to provide a strong foundation of pre-calculus concepts, techniques, and applications to prepare students for more advanced work. It places appropriate emphasis on discrete mathematics and data analysis as the mathematical framework for many important contemporary applications. Units covered include polynomial, rational, exponential, logarithmic and inverse functions, graphs, and applications, trigonometry, and discrete mathematics. Extensive use of the graphing calculator will assist the student in a balanced approach to solving problems; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. **EC • CTP**

394 STATISTICS GR: 12 CR: .50

This course provides for the collection, organization, classification, analysis, interpretation and presentation of significant data as a basis of the study of events. Using real data-based applications taken from a variety of journals, newspapers and other sources, students will develop skills to comprehend problems that describe situations to which techniques and the mechanics may be applied. Extensive use of algebraic skills and the graphing calculator will be applied throughout the course; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. *Taken with 393* **EC • CTP**

393 TRIGONOMETRY GR: 12 CR: .50

This course is a rigorous one for students needing further study prior to taking Pre-calculus

and will focus on function theory, right triangle trigonometric functions and applications; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. *Taken with 394*

EC • CTP

380A CALCULUS AB AP

GR: 12 CR: 1.00

This course includes the in depth study of functions, analysis of graphs, limits, continuity; derivatives at a point and of functions, second derivatives and applications and computation of derivatives: interpretations and properties of definite integrals, applications of integrals, including volumes of solids of revolution, disks, and washer; the approximations to definite integrals. All topics are covered algebraically, geometrically, and analytically. Students are required to take the Advanced Placement examination in May and may receive college credit for one semester of calculus; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended.

EC • CTP

385A CALCULUS BC AP

GR: 12 CR: 1.00

This course includes the study of topics in all Calculus AB AP plus studies of parametric, polar and vector functions; applications of integrals; polynomial approximations and series including the concepts of series, divergence versus convergence and types of series, series of constants, and Taylor/Maclaurin series. Students are required to take the Advanced Placement examination in May and may receive college credit for up to two semesters of Calculus; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended.

EC • CTP

394A STATISTICS AP

GR: 12 CR: 1.00

The course is equivalent to a one-semester college course in statistics. Students will be introduced to the major concepts for collecting, analyzing, and drawing conclusions from data. Topics also include sampling and experimentation. Students are required to take the Advanced Placement examination in May and may receive college credit based on their score; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended.

EC • CTP

373 MATH SAT PREP

GR: 11-12 CR: .50

This is a half-year course that reviews test-taking strategies and problem solving techniques, and encourages both long-term and short-term preparation for the SAT and other standardized assessments. Tips on improving computational and reasoning skills are included. Practice sessions guide students to a better understanding of the problems that commonly appear on the SAT and related tests. The graphing calculator is used throughout the course; TI-83 (Plus) or TI-84 (Plus) or online graphing utility strongly recommended. *Taken with 073 ENGLISH SAT PREP.*

EC • CTP

MUSIC

849 BAND

GR: 9-12 CR: 1.00

Students develop skills as individual musicians and as members of a musical group. Guidance will be given by the band director in the selection of an instrument. Course content includes beginning

level technical and ensemble skills necessary for performance. Some performance opportunities are provided. Marching band techniques and performances may be included. Students must meet both during the school day and outside of the school day for participation requirements.

RFI • CTP

867 SYMPHONIC BAND

GR: 9-12 CR: 1.00

Prerequisite is a successful audition. Symphonic Band is open to all students through auditions held in the spring by the band director. The Symphonic Band presents a balanced study of literature at the highest level and quality attainable by the ensemble. The Symphonic Band will present winter and spring concerts and participate in events and festivals. Membership of this ensemble requires practice, rehearsals, and performances outside of the school day as an extension of the classroom activity. Symphonic Band members are required to be members of the marching band, but students involved in fall athletics or with other extenuating circumstances can receive a marching band waiver from the band director on a case by case basis.

RFI • CTP

897 PERCUSSION ENSEMBLE

GR: 9-12 CR: 1.00

Schools may also require membership in band or advanced band, chorus or orchestra class. Participation in marching band may be a required part of this course. The percussion ensemble class is designed to meet specific needs of percussionists. Content includes study of the appropriate ensemble literature, and rehearsal and performance techniques from the various areas of musical composition. Instrumentation of the group is at the discretion of the instructor. Marching band techniques and performances may be included. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

RFI • CTP

899 CHORUS

GR: 9-12 CR: 1.00

Students will participate in a chorus of mixed voices. Emphasis is placed upon correct vocal performance techniques and sight-singing through the study of appropriate choral literature. Based on successful completion of sequential concepts for each level, students will continue to learn progressive musical concepts. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

RFI • CTP

1025 MUSIC APPRECIATION

GR: 9-12 CR: 0.5

Music History/Appreciation courses survey different musical styles and periods with the intent of increasing students' understanding of music and its importance in relation to the human experience. Music History/Appreciation courses may focus on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

RFI • CTP

SCIENCE

430 PHYSICAL SCIENCE HONORS

GR: 9 CR: 1.00

Designed for the high achieving student, this course offers an examination of earth science, chemistry, and physics. Analytical skills including the scientific method, measurement, and data analysis are developed. Problem solving, experimentation, and research skills are emphasized.

RFI • CTP

431 PHYSICAL SCIENCE

GR: 9 CR: 1.00

431S PHYSICAL SCIENCE

GR: 9 CR: 1.00

This course provides a broad overview of earth science, chemistry, and physics. Analytical skills including the scientific method, measurement, and data analysis are developed. This course is intended to serve college-bound students.

RFI • CTP

400A BIOLOGY AP

GR: 11-12 CR: 1.20

This course provides a thorough and advanced study of biological principles and concepts at the college freshman level. Students must be highly motivated, and competent in scientific experimentation and research. College credit may be awarded to students who successfully pass the Advanced Placement test given in May by the College Board. Availability of this and other AP courses in a given year depends on student enrollment.

RFI • CTP

400K BIOLOGY HONORS SOAR

GR: 9 CR: 1.20

This course explores biological science through extensive use of laboratory exercises designed to promote laboratory skills such as use of the scientific method, data collection and analysis, and formulation of conclusions based on available data. Computers are used in class for data gathering and analysis, preparation of reports, and Internet research. The depth of the course includes molecular and cellular biology, heredity, ecology, evolution, and human body systems. A two-period lab is included each week.

RFI • CTP

400 BIOLOGY HONORS

GR: 10 CR: 1.20

Honors Biology is oriented toward laboratory investigation, the use of technology, and the development of higher level thinking skills. Fundamental biological concepts are developed through inquiry and problem solving. The curriculum emphasizes the cellular level of life forms, as well as heredity and evolution. A two period lab is included each week.

RFI • CTP

401 BIOLOGY

GR: 10 CR: 1.20

401S BIOLOGY

GR: 10 CR: 1.20

Biology examines the basis for life including genetics, cellular function, and biochemistry. Scientific skills are developed including prediction, data collection, analysis, and reasoning. The course is geared to the college-bound student. A two-period lab is included each week.

RFI • CTP

420A CHEMISTRY AP**GR: 11-12 CR: 1.20**

AP Chemistry is for high achieving students interested in exploring chemistry concepts in greater depth and complexity. These concepts include the structure and states of matter, intermolecular forces and reactions. You will work in groups to think analytically about problems, identify experimental questions, and design experiments to answer those questions. A two-period lab is included. College credit may be awarded to students who successfully pass the Advanced Placement test given in May. Availability of this and other AP courses in a given year depends on student enrollment.

RFI • CTP**420K CHEMISTRY HONORS SOAR****GR: 10 CR: 1.20**

This is an advanced level chemistry course open only to students enrolled in the SOAR program. Topics are covered in depth with emphasis on the quantitative aspects of inorganic chemistry. These topics include quantum chemistry, chemical reactions, stoichiometry, gas laws, and solution chemistry. Problem-solving and critical thinking skills are further developed. The course includes a two-period laboratory.

RFI • CTP**420 CHEMISTRY HONORS****GR: 11 CR: 1.20**

Designed for the high achieving student, honors chemistry explores a wide range of chemistry topics, including atomic structure, periodicity, chemical reactions, gas laws, and stoichiometry. Emphasis is on problem solving and laboratory inquiry. The course includes a two-period laboratory.

RFI • CTP**421 CHEMISTRY****GR: 11 CR: 1.20**

Chemistry explores the structure of elements, compounds, and mixtures, and the chemical reactions they undergo. Emphasis is placed on chemical theories that are substantiated by experimentation in the laboratory. Hands-on activities and demonstrations are used to show applications of chemistry to everyday life. A two-period laboratory is included.

RFI • CTP**450A PHYSICS AP****GR: 11-12 CR: 1.20**

This course provides a thorough and advanced study of principles and concepts of physics at the college freshman level. Students must be highly motivated and competent in scientific experimentation and research. College credit may be awarded to students who successfully pass the AP Physics test given in May by the College Board. Availability of this and other AP courses in a given year depends on student enrollment.

RFI • CTP**450K PHYSICS HONORS SOAR****GR: 11-12 CR: 1.20**

Physics SOAR provides a challenging and in-depth examination of mechanics, thermodynamics, sound waves, light waves, electricity, sound, and magnetism. In each area, quantitative problem solving is emphasized. The course is designed for highly motivated students with strong science and math backgrounds. A two-period laboratory is included.

RFI • CTP**450 PHYSICS HONORS****GR: 12 CR: 1.20**

This course is for students capable of moving at a fast pace and exploring concepts in depth. The student should possess well developed analytic and quantitative skills. Topics include motion, thermal energy, electricity, sound, and magnetism. A two-period laboratory is included.

RFI • CTP

451 PHYSICS

GR: 12 CR: 1.20

Physics presents a quantitative treatment of energy, mechanics, light, sound, electricity, and magnetism. While a prerequisite for college and most technical careers, it is also geared to meet the needs of the general students. A two-period laboratory is included.

RFI • CTP

411X HUMAN BIOLOGY

GR: 11-12 CR: 1.00

411S HUMAN BIOLOGY

GR: 11-12 CR: 1.00

An introduction and survey of human anatomy and function including the digestive, circulatory, respiratory, immune, urinary, nervous, sensory, muscular, skeletal, endocrine, and reproductive systems of the body. The course has a two-period lab that features dissections of animal organs/systems, internet research, and lab simulations. Alternate laboratory assignments are available for students who elect not to dissect animal organs/systems.

RFI • CTP

446 FORENSICS

GR: 11-12 CR: 1.00

Forensics is a full year course offering a hands-on, problem-solving approach to crime scene investigation. The course provides a broad survey of techniques used to distinguish and categorize the physical and chemical evidence found at a crime scene. Activities include crime scene sketching and analysis of fingerprints, handwriting, impressions and DNA. Forensics does not include a double lab period.

RFI • CTP

445 ENVIRONMENTAL SCIENCE

GR: 10-12 CR: 1.00

This full year course is an exploration of scientific principles underlying today's environmental issues. The earth's geologic history, oceans, atmosphere, soils, biomes including rainforests, and human population are studied. The course also examines the science behind pollution, climate change, and energy consumption. Outdoor and hands-on activities will be emphasized. The course perspective will be political and social, as well as scientific. Environmental Science does not include a double lab period.

RFI • CTP

480 MARINE BIOLOGY

GR: 11-12 CR: 1.00

This course introduces students to marine invertebrate organisms. Students will investigate the evolutionary relationships and ecology of these organisms. Physiology, cell biology, embryology, and behavior are also examined. Students will gain an appreciation of the tremendous diversity in form and function of these fascinating organisms. This course does not have a two-period lab.

RFI • CTP

445A ENVIRONMENTAL SCIENCE AP

GR: 11-12 CR: 1.20

AP Environmental Science is designed for highly interested students who otherwise might not take an AP course. Topics include water quality, air pollution, population growth, alternative energy, global warming, and recycling. Outdoor activities and field studies are emphasized. Students must intend on taking the AP test, and may receive up to one semester college credit. A two-period lab is included. Availability of this and other advanced placement courses in a given year depends on student enrollment.

RFI • CTP

SOCIAL STUDIES

570K WORLD HISTORY HONORS SOAR	GR: 9	CR: 1.00
570 WORLD HISTORY HONORS	GR: 9	CR: 1.00
571 WORLD HISTORY	GR: 9	CR: 1.00
571S WORLD HISTORY	GR: 9	CR: 1.00

This course will focus on the 19th and 20th century beginning with the philosophical roots of economic and political conflict of the late 18th century. This will explore the impact of democratic and industrial revolutions, the wars that changed empires and the European dominance of the world, as well as, the ideas that lead to independence movements and the effects of global interdependence. Students in this course will continue to develop their historical thinking skills from previous years by emphasizing such skill areas as argumentative writing, oral communication, and evaluation of primary and secondary sources, map analysis, research techniques, and critical thinking dispositions. **RFI • EW**

530K CIVICS HONORS SOAR	GR: 10	CR: .50
530 CIVICS HONORS	GR: 10	CR: .50
531 CIVICS	GR: 10	CR: .50
531S CIVICS	GR: 10	CR: .50

This course will cover the development of democratic within the context of the United States government and the role of citizens within that government. It will prepare students to participate in their political responsibilities as thoughtful and informed citizens. Civics provides a basis for understanding the rights and responsibilities for being an American citizen and a framework for competent and responsible participation within society. Emphasis is placed on the historical development of government and political systems, and the importance of the rule of law; the United States Constitution; Federal, State and local government structure; and the rights and responsibilities of citizenship. Students will actively investigate local, state and national issues, actively negotiate discussions, and develop informed arguments using a variety of writing forms. **RFI • EW**

540K UNITED STATES HISTORY 2 HONORS SOAR	GR:10	CR:
.50		
540 UNITED STATES HISTORY 2 HONORS	GR: 10	CR: .50
541 UNITED STATES HISTORY 2	GR: 10	CR: .50
541S UNITED STATES HISTORY 2	GR: 10	CR: .50

This course will take an in-depth look at the domestic and foreign policies that divided the United States leading it from Civil War to a newly industrialized nation. Students will analyze primary and secondary sources in order to interpret historical viewpoints, research important people and events in an effort to determine their significance, and evaluate the government's failures and success based on legislation and executive orders from the time. **RFI • EW**

550 UNITED STATES HISTORY 3 HONORS GR: 11 CR: 1.00

551 UNITED STATES HISTORY 3 GR: 11 CR: 1.00

551S UNITED STATES HISTORY 3 GR: 11 CR: 1.00

U.S. History III is a mandatory course for all juniors. The course begins with the American Progressive Era and leads up to the present day. Topics will cover the social, cultural, political, military, and economic transformations of nineteenth century America. Typical course activities include analyzing primary and secondary sources, class debates, research into historical events of significance, and creation of argumentative writings. **RFI • EW**

580A EUROPEAN HISTORY AP GR: 10 CR: 1.00

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. College credits (3) are awarded to students who successfully pass the Advanced Placement Examination which they are required to take in May. **RFI • EW**

550A U.S. HISTORY AP GR: 11 CR:1.00

The course provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. It prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. College credits are awarded to students who successfully pass the Advanced Placement U.S. History Examination given in May by the College Board. Credits are accepted by over 1,200 colleges and universities in the U.S. and Europe. College credits (3) are awarded to students who successfully pass the Advanced Placement Examination which they are required to take in May. **RFI • EW**

**550U AMERICAN STUDIES/U.S. HISTORY/UCONN GR:11
CR:1.00**

American Studies is a team taught, full year course that takes an interdisciplinary approach to the study of American culture. The course rests on two main pillars, the study of United States History and American Literature. The course also integrates art, architecture, and music to help the student develop a total picture of the American Experience. The course offers a variety of teaching strategies and learning activities. Students in American Studies are assigned a double class period. After successful completion of the course, the student will have fulfilled the United States History requirement and the junior year American Literature requirement. **RFI • EW**

544A PSYCHOLOGY AP**GR:12****CR: 1.00**

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

RFI •**EW****585 AFRICAN-AMERICAN HISTORY****GR: 12****CR: 1.00**

African-American history is a course which surveys selected major aspects of the African-American experience from its African origins to the present. While much of the African-American experience is that of racism and oppression, the course seeks to emphasize the contributions of African-Americans to the American way of life.

RFI • EW**504 COMPARATIVE GOVERNMENT****GR: 12****CR:1.00**

Emphasis is placed on the structure of the local, state and national governments, the goals of democratic society, and the prime role of the good citizen in an era of challenge. To appreciate the government of the United States, comparisons are made with selected major political systems throughout the world.

RFI • EW**505 GEOGRAPHY****GR: 12****CR: .50**

Geography introduces students to the environmental factors that have so greatly influenced man. Studies are made on a regional basis and include a systematic approach to the physical, economic and cultural changes which help man satisfy his needs.

RFI • EW**521 CONTEMPORARY ISSUES****GR: 12****CR: .50**

Through discussion, this course focuses on the long-range problems of society as well as controversial issues of the day. Opportunity for understanding current affairs is also provided. Students will be encouraged to pursue individual topics of interest.

RFI • EW**525 LAW & SOCIETY****GR: 12****CR: .50**

This course stresses the importance of law in our society to better enable the student to function as a citizen. An overview of the Anglo-American Legal System, the development and growth of the U. S. Constitution, and the salient features of American Criminal and Civil Laws are presented in this course.

RFI • EW**545 SOCIOLOGY****GR: 12****CR: .50**

This course provides insights into human relations by incorporating characteristics that are common to groups, races, and cultures. Emphasis is on the problems approach and attempts are made to reduce narrow-mindedness and prejudice by promoting better understanding of inter-group relations.

RFI • EW**546 PSYCHOLOGY****GR: 12****CR: .50**

This course is designed to develop student interest in human behavioral patterns by learning fundamentals of psychological study. Further development of concentrated study will include the understanding of personality traits, the role of heredity and environment and their consequences on the intelligent world community. **RFI • EW**

530A UNITED STATES GOVERNMENT & POLITICS AP GR: 12 CR: .50

This course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. In addition to providing an analytical perspective on government in the United States, this course focuses on the six major categories assessed on the U.S. Government and Politics' AP exam. These categories include: The Constitutional Underpinnings of United States Government, Political Beliefs and Behaviors, Political Parties, Interest Groups and Mass Media, Institutions of National Government: The Congress, the Presidency, the Bureaucracy, and the Federal Courts, Public Policy and Civil Rights and Civil Liberties. College credit can be earned by students who successfully pass the Advanced Placement Examination which they are required to take in May. **RFI • EW**

591A COMPARATIVE GOVERNMENT & POLITICS AP GR: 12 CR:1.00

This course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. In addition to covering the major concepts that are used to organize and interpret what we know about political phenomena and relationships, the course covers six specific countries and their governments. College credit can be earned by students who successfully pass the Advanced Placement Examination which they are required to take in May. **RFI • EW**

SPECIAL EDUCATION

Kennedy High School provides a full continuum of special education services designed to meet the needs of students with identified disabilities. Students are eligible for special education when specific testing and student response to research-based interventions document how the student's disability adversely affects academic performance and cannot be corrected without special education and/or related services. Through an Individualized Education Plan (IEP), students have the opportunities to reach their full potential in the least restrictive environment (LRE) possible.

Additionally, speech and language services are available for students who may experience communication impairments. These services involve student observations and evaluations, consultations with staff and parents, and student therapy. Communication impairments may be divided into the following five categories: language impairment, articulation impairment, fluency impairment, voice impairment, and hearing impairment. Under the

Individuals with Disabilities Act (IDEA), when a communication impairment adversely affects educational performance it is considered a communication disability. The student then qualifies for special education speech and language services

Special education service delivery models include, but are not limited to:

- **Co-Teaching:** An approach that facilitates the inclusion of students who have disabilities in the general education classroom. The two teachers involved, usually a general education teacher and a special education teacher, work together to develop a differentiated curriculum that meets the needs of a diverse population of students.
- **Supported Instruction:** An approach delivered in the classroom when a paraprofessional assists students in the general education classroom. Paraprofessionals are utilized in a variety of situations to support student learning.
- **IWE (Independent Work Experience):** junior and senior special education students gain independent, hands-on work experience while developing employment skills necessary to be successful in an entry-level position.
- **CBT (Community Based Training):** Students, along with a certified teacher and paraprofessional, rotate work sites each marking period. Students perform tasks in small clusters emphasizing appropriate work attitudes, social skills and problem-solving skills.
- **BDLC (Behavior Disorder Learning Center):** Specialized, self-contained instruction for students with behavioral needs.
- **Resource classes:** Small-group specialized instruction determined by IEP. *English Resource 1 and 2, Math Resource 1 and 2, Resource Room Study, Read 180, Science Resource, Biology Resource, World History Resource, Roots of American Citizenship/US History 1 Resource, US History 2 Resource, Life Skills 1 and 2*

WORLD LANGUAGES

211 ITALIAN 1

GR: 9-12 CR: 1.00

This course offers the basic elements of grammar, pronunciation, and simple conversation with some reading and writing; practice in easy conversation with emphasis on oral repetition; drill in pronunciation and development of a basic vocabulary; introduction to essential construction and patterns.

EW • EC

221 ITALIAN 2

GR: 10-12 CR: 1.00

Prerequisite: Italian 1

Students concentrate on the study of grammar, pronunciation, basic speech patterns, reading and writing. Attention is given to the four fundamental language skills: listening, speaking, reading, and writing Italian; introduction to Italian geography, history, literature, culture and civilization.

EW • EC

235 ITALIAN 3

GR: 11-12 CR: 1.00

Prerequisite: Italian 2

The third year student continues to develop the four fundamental skills approach integrated with a thorough review of the essential grammar; intensive practice in aural comprehension and speech patterns; more reading and some composition. Continued interest in culture and civilization is stressed. **EW • EC**

245 ITALIAN 4 GR: 12 CR: 1.00

Prerequisite: Italian 3

With stress on comprehension, the student is now involved with more advanced reading and more practice in writing. Knowledge of Italian writers, artists, musicians, scientists and historical personages is encouraged through research projects. **EW • EC**

245U ITALIAN 4/UCONN GR: 12 CR:1.00

Prerequisite: Italian 3

With stress on comprehension, the student is now involved with more advanced reading and writing. Knowledge of Italian writers, artists, musicians, scientists, and historical personages is encouraged through research projects. **EW • EC**

251 SPANISH 1 GR: 9-12 CR: 1.00

The object of this course is to give the student a working command of basic speech patterns, vocabulary, and comprehension through the learning of everyday idioms. The emphasis is on listening and speaking with some reading and writing. Interest is stimulated through independent projects and an introduction to Spanish history and civilization. **EW • EC**

261 SPANISH 2 GR: 10-12 CR: 1.00

Prerequisite: Spanish 1

This course concentrates on structure and sound, with special emphasis on grammar. It is designed to achieve proficiency in reading and writing. It also includes discussion of culture and the geographical areas where Spanish is spoken. **EW • EC**

275 SPANISH 3 GR: 11-12 CR: 1.00

Prerequisite: Spanish 2

This course consists mainly of review of grammar, graded compositions with emphasis on oral and on comprehension, extensive reading; individual projects directed toward reading proficiency and vocabulary growth. **EW • EC**

285 SPANISH 4 GR: 12 CR: 1.00

Prerequisite: Spanish 3

Extensive reading in class, outside assignments of selected classics and advanced composition using stylistic analysis of texts of note. Spanish authors are emphasized. **EW • EC**

285A SPANISH AP GR: 12 CR: 1.00

Prerequisite: Spanish 3

AP Spanish explores the prose, poetry and drama of the great Spanish authors from the Golden Age to the Modern Age. Particular emphasis is placed on literary criticism and oral expression in

the language. The course is specifically designed to prepare students for college study of Spanish. College credits are awarded to students who successfully pass the Advanced Placement Spanish examination given in May by the College Board. College credits (3) are awarded to students who successfully pass the Advanced Placement Examination which they are required to take in May. **EW • EC**

256 SPANISH NATIVE SPEAKERS

GR: 9-12 CR: 1.00

This course will challenge advanced speakers of Spanish. It is intended to provide fine tuning of reading and writing skills of native and fluent Spanish speakers, and is geared to-but not limited to-native speakers. Candidates must have a firm grasp (fluency) of spoken Spanish.

EW • EC

School-wide rubrics are used to measure student achievement of learning expectations and provide feedback to guide student progress. A commitment is made in each course to assess student progress in regards to school-wide expectation and this is reflected in each of the above course descriptions.

EC = Effective Communicator

EW= Effective Writing

RFI = Reading For and Gathering Information

CTP = Critical Thinking and Problem Solving