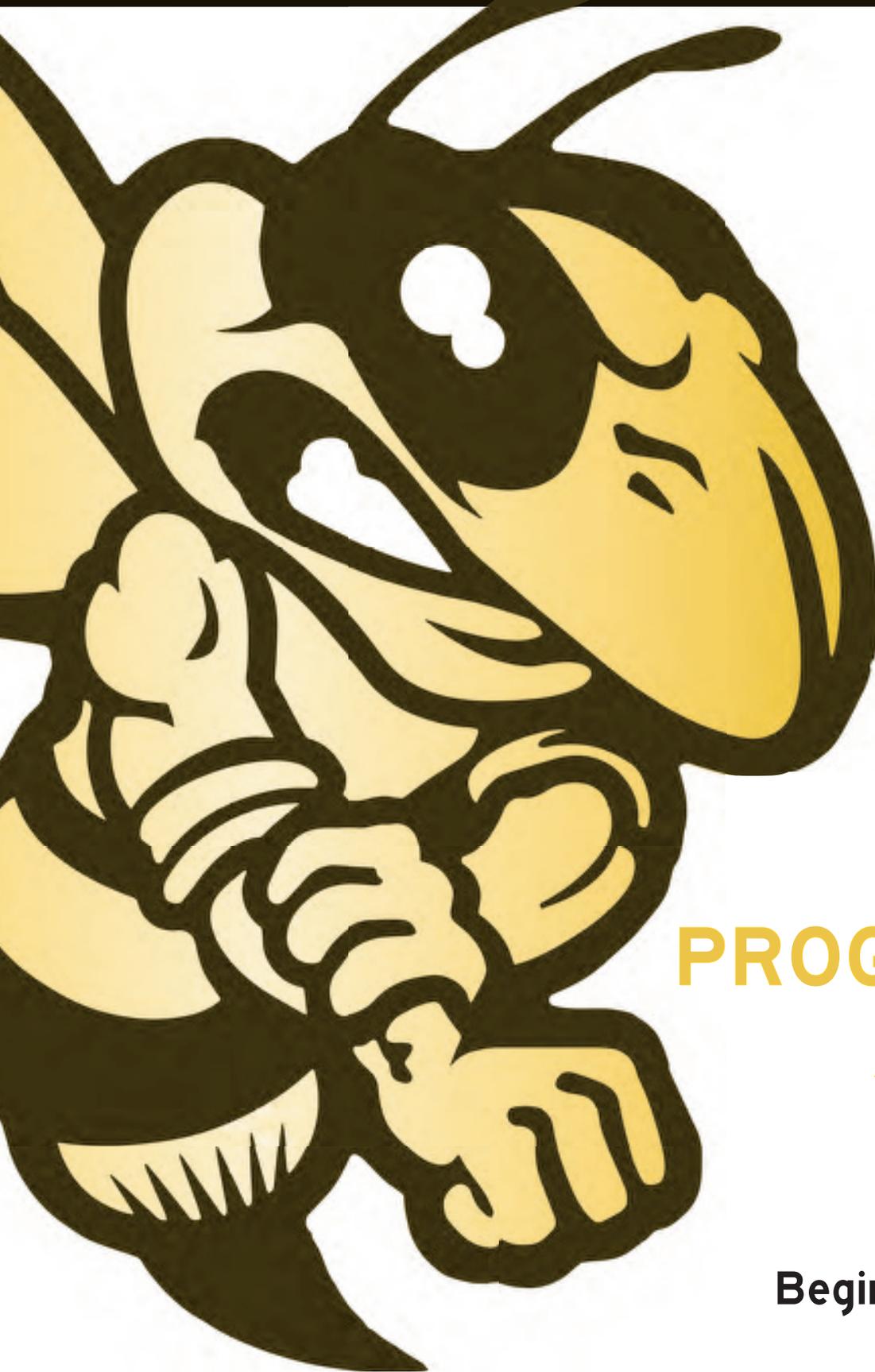


EAST HARTFORD HIGH SCHOOL



**PROGRAM OF
STUDIES
2022-23**

Begin. Build. Become.



High School Planner/ Schedule of Courses



Student Name: _____

Prospective Courses for 2022-2023

	Course Name
English	
Mathematics	
Social Studies	
Science	
World Language	
Electives	
PE/Health	

Credit Check Grid

English	__ Credit(s) Earned	__ Credit(s) Needed
Mathematics	__ Credit(s) Earned	__ Credit(s) Needed
Social Studies	__ Credit(s) Earned	__ Credit(s) Needed
Science	__ Credit(s) Earned	__ Credit(s) Needed
World Language	__ Credit(s) Earned	__ Credit(s) Needed
Arts/CTE/Music	__ Credit(s) Earned	__ Credit(s) Needed
PE/Health	__ Credit(s) Earned	__ Credit(s) Needed
Electives	__ Credit(s) Earned	__ Credit(s) Needed
Next Generation Science Standards	Achieved Score	Circle One: Yes No
SAT	Achieved Score	Circle One: Yes No
Community Service	__ Hours Completed	__ Hour(s) Needed



GRADUATION REQUIREMENTS

In order to satisfy the high school requirements with East Hartford Public School, a student must have satisfactorily completed his or her prescribed courses of study, demonstrated proficiency in basic skills identified by the East Hartford Board of Education and satisfied the legally mandated number and distribution of credits required to graduate from high school.

Required Coursework and Credits for Graduation

The East Hartford Board of Education conforms with state law regarding credits for graduation from high school.

Classes Graduating in 2023 and After

Beginning with the Class of 2023, all students will need to earn 25 credits and meet the following distribution requirements:

CT State Department of Education Requirements		East Hartford High School Requirements	
Humanities	9.0 credits	English	4.0 credits
		Social Studies (includes 1.0 in US History and 1.0 in Civics)	3.0 credits
		Fine and Performing Arts	1.0 credit
STEM	9.0 credits	Math	3.0 credits
		Science	3.0 credits
Physical Education and Wellness	1.0 credit	Physical Education and Wellness	1.0 credit
Health and Safety Education	1.0 credit	Health and Safety Education	1.0 credit
World Language	1.0 credit	World Language	1.0 credit
Mastery Based Assessment	1.0 credit	Community Service (50 Hours)- .50 credit	
		Social Studies Performance Assessment- .50 credit (Informed Action)	
		Additional Electives	3.0 credits
State Assessment (SAT, NGSS Science)		Meet State Benchmark or Equivalent	
Total Credits = 25.0			

COURSE INDEX

ART PGS 4-5		
ART 847	Intro to Art I	.50
ART 855	Crafts	.50
ART 857	Drawing I	.50
ART 859	Drawing II	.50
ART 851	Ceramics I	.50
ART 853	Ceramics II	.50
ART 863	Painting I	.50
ART 871	Sculpture I	.50
ART 849	Advanced Art Honors	.50
ART 865	Advanced 3D Art Honors	.50
ART 880	AP Art: 2D Design	1.00
ART 883	AP 3D Art and Design	1.00

BUSINESS PGS 6-7		
BUS 221	Accounting I	1.00
BUS 223	Accounting II- Honors- CCP	
BUS 255	Academy of Finance I	1.00
BUS 256	Academy of Finance I- H	1.00
BUS 257	Academy of Finance II- H	1.00
BUS 251	Excel	1.00
CWE 768	Sports Marketing	1.00
BUS 211	Computer Applications I	1.00
BUS 215	Computer Apps. II CCP	1.00
BUS 219	Personal Finance I	.50
BUS 217	Personal Finance II *Both are CCP classes	.50
BUS 206	Entrepreneurship	.50

EDUCATION & TEACHING PG 10		
EDU 201	Introduction to Teaching ECE	.50
EDU 101	Introduction to Special Education ECE	.50

ENGLISH PGS 12-14		
ENG 101	English Honors	1.00
ENG 102	English 1	1.00
ENG 201	English II Honors	1.00
ENG 202	English II	1.00
ENG 301	English III Honors	1.00
ENG 302	English III L1	1.00
ENG 303	English III L2	1.00
ENG 401	English IV Honors	1.00
ENG 402	English IV L1	1.00
ENG 403	English IV L2	1.00
ENG 501	AP Language & Composition	1.00
ENG 504	AP Language & Composition -ECE	1.00

ENGLISH AS A SECOND LANGUAGE/ BI-LINGUAL ED. PG 15		
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ESL 101	ESL 1 Grammar	1.00
ESL 098	ESL 1 Reading	1.00
ESL 111	ESL 1 Writing	1.00
ESL 102	ESL 2 Grammar	1.00
ESL 099	ESL 2 Reading	1.00
ESL 112	ESL 2 Writing	1.00
ESL 103	ESL 3 Grammar	1.00
ESL 113	ESL 3 Reading	1.00
ESL 123	ESL 3 Writing	1.00
ESL 104	ESL 4 Intermediate ESL	1.00
ESL 012	ESL 5 Advanced ESL	1.00
ESL 021	ESL Study Skills (S1)	.50
ESL 022	ESL Study Skills (S2)	.50
Seminar ELL	ELL Seminar	.50

FAMILY & CONSUMER SCIENCES PG 8		
HOM 821	Intro to Foods	.50
HOM 816	Advanced Baking Honors CCP	.50
HOM 824	Advanced Food Preparation Honors CCP	.50

HEALTH OCCUPTIONS PGS 8-9		
HTH 767	Intro to Public Health	.50
HTH 769	Health Science & Technology	1.00
HTH 770 H		
HTH 771	Patient Care Assistant	2.00

HUMANITIES PGS 13 & 27		
ENG 419	Human Rights (English)	1.00
HIS 419	Human Rights (Social Studies)	1.00
ENG 421	Human Rights (English) ECE/H	1.00
HIS 421	Human Rights (Social Studies) ECE/H	1.00

MATHEMATICS PGS 18-20		
MAT 142	Algebra 1, Part A L2	1.00
MAT 123	Algebra 1 L1	1.00
MAT 143	Algebra 1, Part B L2	1.00
MAT 169	Geometry & Statistics 1 Honors	1.00
MAT 125	Geometry & Statistics 1 L1	1.00
MAT 152	Geometry & Statistics 1 L2	1.00
MAT 129	Algebra II Honors	1.00
MAT 127	Algebra II L1	1.00
MAT 161	Algebra II L2	1.00
MAT 147	Pre- Calculus Honors	1.00
MAT 135	Pre- Calculus L1	1.00
MAT 139	AP Calculus AB	1.00
MAT 141	AP Calculus BC	1.00
MAT 140	AP Statistics	1.00
MAT 120	Topics in College Algebra L1	1.00
MAT 121	Topics in College Algebra L2	1.00
MAT 131	Geometry II L1	1.00
MAT 130	Statistics II L1	1.00
MAT 159	Financial Algebra	1.00



COURSE INDEX CONTINUED

MUSIC PGS 21-22

MUS 601	Band	1.00
MUS 621	Concert Choir	1.00
MUS 605	Guitar I	.50
MUS 607	Guitar II	.50
MUS 613	Orchestra	1.00
MUS 617	Piano I	.50
MUS 619	Piano II	.50
MUS 637	AP Music Theory	1.00
MUS 651	Music Production and Technology	.50
MUS 653	DJ and Live Sound	.50
MUS 654	Video Production	.50
MUS 655	World Drumming	.50
MUS 623	Treble Choir	1.00
MUS 627	Voice Ensemble	1.00

SCIENCE PGS 23-25

SCI 410	Biology Honors	1.20
SCI 401	General Science	1.00
SCI 400	General Science II	1.00
SCI 415	Chemistry Honors (Sophomores)	1.20
SCI 411	Biology L1	1.20
SCI 412	Biology L2	1.00
SCI 447	Environmental Science	.50
SCI 423	Anatomy & Physiology H	1.20
SCI 421	Anatomy & Physiology L1	1.20
SCI 461	Marine Biology Honors	1.20
SCI 431	Marine Biology	1.00
SCI 442	Chemistry Honors	1.20
SCI 443	Chemistry L 1	1.20
SCI 441	Conceptual Chemistry L 2	1.00
SCI 449	Physics L1	1.20
SCI 463	AP Chemistry	2.00
SCI 435	AP Biology	2.00
SCI 451	AP Physics	2.00
SCI 446	AP Environmental Science	1.20
CAPS 2	AP Research	1.00

SOCIAL STUDIES PGS 26-27

HIS 509	Civilization Honors	1.00
HIS 511	Civics Honors	1.00
HIS 507	Civics	1.00
HIS 575	African-American/Black & Puerto Rican/Latino	1.00
HIS 538	United States History AP	1.00
HIS 540	United States History H	1.00
HIS 533	United States History L1	1.00
HIS 529	United States History L2	1.00
HIS 521	Contemporary Issues	.50
HIS 549	AP Psychology	1.00
HIS 550	AP U.S. Government & Politics	1.00

SPECIAL ED PGS 28-29

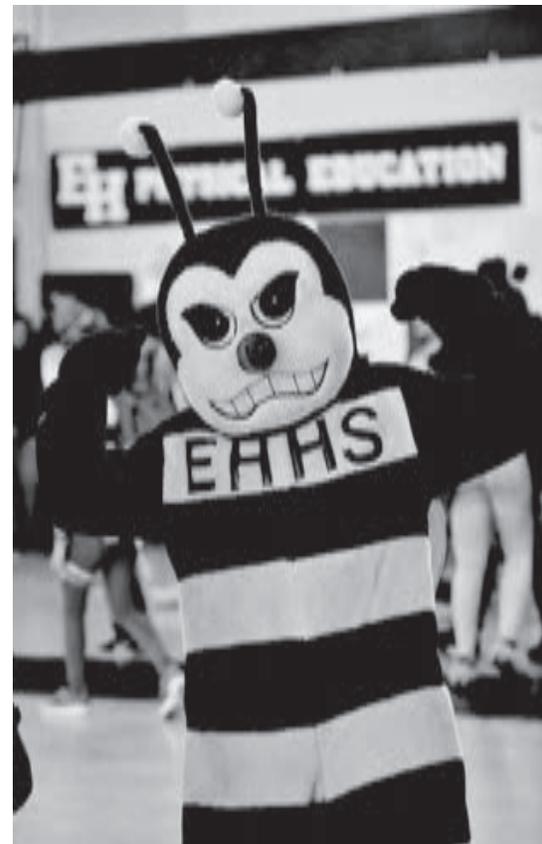
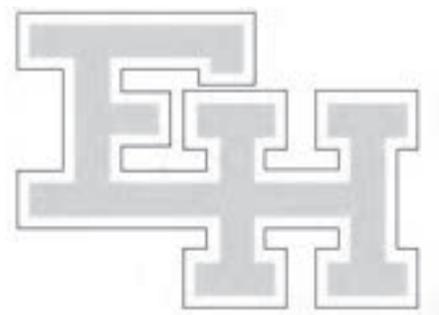
Seminar	Freshmen Seminar	1.00
Seminar 2	Sophomore Seminar	1.00
Seminar 3	Junior Seminar	1.00
Seminar 4	Senior Seminar	1.00
SPED 751	In School Work Experience - Realities	1.00
SPED 753	In School Work Experience- Realities	1.00
SPED 755	Community Work Experience- Realities	1.00
SPED 757	Community Work Experience- Realities	1.00
SPED 785	Transition Planning Seminar	1.00

INDUSTRIAL ARTS

IND 741	Woodworking I	.50
IND 743	Woodworking II	.50
IND 721	Computer Graphics I	.50
IND 723	Computer Graphics II	.50
IND 727	Image Graphics (Photo 1)	.50
IND 729	Publication Graphics (P2)	.50
IND 754	Automotive -Engine CCP	.50
IND 753	Automotive- Steering	.50
IND756	Automotive-Brakes	.50
IND 701	Engineering Design I	1.00
IND 702	Engineering Design II	1.00
IND 703	Aerospace Engineering	1.00
IND 704	Robotics	.50
IND 725	Computer Science H	.50
IND 765	AP Computer Science	1.00

WELLNESS PGS 16-17

PED 109	Physical Education & Health 9	.50
PED 110	Physical Education & Health 10	.50
PED 111	Physical Education & Health 11	.50
PED 112	Physical Education & Health 12	.50



WORLD LANGUAGES PGS 30-32

FOR 203	Intro to Language & Culture	1.00
FOR 325	Spanish I	1.00
FOR 329	Spanish II Honors	1.00
FOR 327	Spanish II	1.00
FOR 333	Spanish III Honors	1.00
FOR 331	Spanish III	1.00
FOR 337	Spanish IV Honors	1.00
FOR 335	Spanish IV	1.00
FOR 339	AP Spanish V	1.00
FOR 402	Spanish 2: Heritage Speakers	1.00
FOR 403	Spanish 3: Heritage Speaker	1.00
FOR 404	ECE Spanish for Heritage	1.00
FOR 377	Chinese I	1.00
FOR 389	Chinese II	1.00
FOR 355	Chinese III	1.00
FOR 390	Chinese IV	1.00

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Art Department– Mr. Thomas A. Scavone Supervisor, 860-622-5972

The Visual Art program at East Hartford High School offers a variety of courses allowing students to pursue individual interests and explore a variety of media and concepts. Students develop an appreciation for the role of art in society as well as visual, creative and critical thinking skills. For students interested in pursuing deeper study, the department offers a sequential curriculum that prepares students for college level and art-related careers.

Introduction to Art 1 1 Semester .50 credit

Code: ART 847

Introduction to Art is the pre-requisite for all other art courses except for Crafts. The course provides an introduction to working with various media including drawing, painting and creating three-dimensional forms.

Crafts 1 Semester .50 credit

Code: ART 855

The course is an introduction to a variety of techniques used in the production of decorative and functional art forms. A variety of materials are incorporated in the creation of American and multi-cultural crafts.

Drawing I 1 Semester .50 credit

Code: ART 857

Prerequisite: Introduction to Art 1

This course involves the development of basic drawing skills and includes the use of various drawing, media, with an emphasis on observational drawing.

Drawing II 1 Semester .50 credit

Code: ART 859

Prerequisite: Credit in Drawing I. Grades 10-12

This course develops more advanced drawing skills with assignments that increase in difficulty, length and complexity while encouraging greater independence and the development of personal style and self-expression.

Painting I 1 Semester .50 credit

Code: ART 863

Prerequisite: Introduction to Art 1

Students will develop painting skills using water-based techniques. Elements of art and principals of designs are explored in a variety of subject matter.

Sculpture 1 1 Semester .50 credit

Code: ART 871

Prerequisite: Introduction to Art 1

This course in three-dimensional art is an introduction to the basic materials and process of sculpture such as modeling, carving and casting. Working with hand tools is a requirement of this course.

Ceramics I 1 Semester .50 credit

Code: ART 851

Prerequisite: Introduction to Art 1

This course is an introduction to the basic materials and techniques of hand-forming clay, which include coil, slab and pinch methods. Various surface decoration and glazing techniques are explored.

Ceramics II 1 Semester .50 credit

Code: Art 853

Prerequisite: Ceramics I

This course is a continuation of techniques and forms developed in Ceramics I. Progression from hand-built forms to the use of the potter's wheel will be emphasized. Advanced and more challenging work will be created.



ART CONTINUED

Advanced Art Honors 1 Semester .50 credit

Code: ART 849

Prerequisite: Teacher recommendation and a "B" average in Intro to Art 1 & Drawing 1 . Grades 10-12.

This course is for serious students who are contemplating an arts-related career. Advanced level work in drawing and painting will be the focus of the class. This course is often a precursor to AP Studio Art: Design.

AP Studio Art: 2-D Design Full Year 1 credit

Code: ART 880 (AP)

Code: ART 881 (Honors)

This advanced course is for students who are ready to create an extensive body of artwork. They will be required to create a portfolio that will be submitted to the College Board. As students create artwork for their portfolios, they further develop their creativity, technique and self-expression. The process prepares them for post-secondary school and arts-related careers.



Advanced 3D Art Honors 1 Semester .50 credit

Code: ART 865

Prerequisite: Teacher recommendation and a "B" average in previous art and/or CTE courses.

This course is for students interested in exploring a future as creative professionals. Students will become familiar with the process and techniques associated with 3-dimensional design and will work with a variety of materials. Previous experience in advanced courses in visual arts and/or CTE required.

Advanced Art Honors will prepare students for 3D AP Art Design and other advanced course work.

AP 3-D Art and Design Full Year 1 credit

Code: AP ART 883

Prerequisite: Teacher recommendation and a "B" average in previous art courses including one of the following: Sculpture I, Ceramics II and/or CTE course(s). Grades 10-12

This advanced course is for students who are ready to create an extensive body of three-dimensional artwork. They will be required to create a portfolio that can be submitted to the College Board. As students create work for their portfolios, they further develop their creativity, technique and self-expression. The process prepares them for post-secondary school focusing on design and arts-related careers.



CAREER AND TECHNICAL EDUCATION

Dr. Frank Staples, Career & Technical Education Department Supervisor 860-622-5214

Business Education Courses

The Business Education Program has been designed to provide skills to those students planning to enter college or the job market directly after high school in a career in business, to provide students with life skills and to prepare students for further study in business. **Four areas of concentration include the following: Accounting Technology, Administrative Technology, Office Technology and Information Processing Technology.** Sequences of courses in each area of concentration have been planned to give the student a major focus for a career cluster. All courses include mastering the use of technology see your school counselor or business education teacher to recommend a personal-use course, a sequence of courses for a major in post-secondary schools and Manchester Community College credits in the CCP Program.

Career Direction: Courses in business education provide a background for numerous positions both within the business world and in other areas. Examples of business occupations include: accountant, banker, financial planner, salesperson, administrative assistant, business consultant, insurance broker and loan officer; amongst many others.

Accounting I **Full Year** **1 credit**

Code: BUS 221

Prerequisite: Grades 10-12

This introductory course emphasizes the principles, concepts and procedures in keeping financial records for business and personal uses. The purpose and use of journals, ledgers and accounting forms are emphasized. The student will interpret records and use the computer for selected applications. The course is particularly recommended for students interested in a career in accounting or computers and also for those planning to continue their education in business administration, marketing and management. Students completing Accounting I and II can earn college credits. It may also count as a third mathematics credit for those students who have earned ten (10) or more credits.

Accounting II (CCP) Honors **Full Year** **1 credit**

Code: BUS 223

(4 College Credits)

Prerequisite: Accounting I, C- or better and Excel

This advanced course will provide and develop further understanding and skills in accounting practices and procedures. Course coverage includes cash basis accounting, departmental and payroll accounting, accounting for adjustments, partnership accounting and corporate accounting. Selected applications are made with the computer. This course is recommended for those wishing to gain an entry-level position in the accounting areas and for those planning to continue their education in business administration, marketing and related fields. Students completing Accounting I and II can earn college credits. It may also count as a third mathematics credit for those have earned ten (10) or more credits.

Note: Students enrolled in this course are dual enrolled at Manchester Community College. Successful completion of this course will grant MCC credit for Principles of Accounting (ACC 115).

Personal Finance 1 **1 Semester** **.50 credit**

Code: BUS 219

This course covers personal financial issues that individuals face in today's society. Students will learn how to save for the future and the importance of creating a budget. Course topics will include managing savings and checking accounts, debit cards, bank reconciliations, budgeting, payroll checks, introduction to taxes, credit management, the importance of the risk of insurance and identity theft. This class will involve the processing of daily math necessary to succeed on a day to day basis. Various class projects using technology will support curriculum objectives in each area studied. Students must be equipped with a calculator.

Note: Students enrolled in this course and then enrolled in Personal Finance II are dual enrolled at Manchester Community College. Successful completion of this course as well as Personal Finance II (BUS 217 or BUS 218) will be granted MCC credit for Financial Literacy

Personal Finance II CCP **1 Semester** **.50 credit**

Code: Bus 217

Prerequisite: Personal Finance

Students who seek to earn 3 college credits for Personal Finance must pass both Personal Finance I and Personal Finance II. This advanced course provides and understanding of complex skills needed to succeed financially in today's world. Students will learn how to calculate car loans, mortgages and student loans. They will also be introduced to the college process, purchasing a home, creating a budget for a young family, applying for FASFA, completing tax forms, and maintaining and reconciling a checking account, using electronic funds transfers and debit card purchases. In addition, students will also learn how to access their credit scores, the importance of maintaining good credit, and who may view their history. Field trips and guest speakers support the curriculum objectives, along with the use of the latest technology. Students must be equipped with a calculator.

CAREER AND TECHNICAL EDUCATION

Academy of Finance

AOF is part of a national program called National Academy Foundation (NAF). NAF is a leader in the movement to prepare young people for college and career success. For 30 years NAF has refined a proven educational model which includes industry-focused curricula, work-based learning experiences and business partner expertise from our community. Employees from surrounding companies volunteer in the classroom and act as mentors, engage NAF students in paid internships and serve on our Advisory Board.

Recommended

Recommended

Freshman Year

Sophomore Year

Computer Applications I & II

Accounting 1

Excel

Sophomore or Junior Year

Academy of Finance I

1 credit

Personal Finance (recommended)

½ credit

Excel (required)

½ credit

Junior or Senior Year

Academy of Finance II

1 credit

Accounting II

1 credit

Excel (required)

½ credit

Personal Finance II (recommended) ½ credit

Excel

1 Semester .50 credit

Code: BUS 251

Prerequisite: Successful completion of Computer Applications, Enrollment in AOF or Accounting.

This course gives the student an introduction to the uses and capability of spreadsheet software necessary in the business world today.

Hands-on computer experiences are provided in creating, maintaining, expanding and manipulating spreadsheets.

Computer Applications

1 Semester .50 credit

Code: BUS 211, BUS 212

Computer Applications is a half-year course designed to familiarize students with the use of computers in today's academic and business environments. Coursework will begin with the development and review the "touch" method of keyboarding. Students will learn to format academic and business documents using Microsoft Word. Students have the opportunity to continue the study of Microsoft.

Computer Applications II (CCP) Honors

Code: BUS 215, BUS 216 1 Semester .50 credit

Prerequisite grade of C or better in Computer Applications I

Using Microsoft Word software, students will learn more complex computer techniques which involves topics such as formatting documents with themes and styles, to creating and merging mailing labels. Students will continue to develop proficiency in speed, accuracy and proofreading skills through the completion of the class projects. **Note:** Students enrolled in this course are dual enrolled at Manchester Community College. Successful completion of this course will grant MCC credit for Keyboarding for Information Professionals (BOT 111)

Sports & Entertainment Marketing

**Code: CWE 769 Full Year 1 credit
Grades 10-12**

This course is an introduction to the world of marketing as it relates to sports and entertainment. It is designed for students interested in sports, entertainment, and event marketing. Course topics include the study of sports and entertainment management, college/amateur sports, professional sports, products marketing and services, marketing entertainment and public relations.

Entrepreneurship

1 Semester .50 credit

Code: BUS 205, BUS 206

This course provides students with an understanding of the critical role played by entrepreneurs in the national and global economy. Students learn not only the skills necessary to become entrepreneurs, but also the attitudes, characteristics, and techniques found in successful entrepreneurship that they will need to succeed. The curriculum approaches student learning experientially by encouraging students to evaluate, develop, and work with the business ideas they already have or those they develop during the course.

Academy of Finance I Full Year 1 credit

Code: BUS 255 College Prep / BUS 356 Honors

Prerequisite: Grades 10-12

Economics and the world of finance are combined with a study of securities for students interested in a career in finance or insurance. Students will learn basic economic principles, business organization, government economic systems, insurance products and coverages, etc. The AOF provides students hands on experiences in the financial services of insurance industries.

Academy of Finance II Honors

Full Year 1 credit

Code BUS 257

Prerequisite: Successful completion of AOF I

Upon completing AOF I and the opportunity for a paid internship, students will continue their studies in the financial services and insurance fields. Students will study the concepts of banking and credit, international finance and financial planning/operations.

CAREER AND TECHNICAL EDUCATION CONTINUED

Family & Consumer Science Courses

Family and Consumer Science is a program that provides a basis for students to understand themselves and the complex social and economic components of the society in which they live. Through Family and Consumer Science courses, students study the physical, social and emotional growth of themselves and others, explore many career options in the human services field, as well as gain many lifelong skills in both health and nutrition. Courses in this department are linked to the following

Career Clusters: Education, Government, Hospitality, and Human Services.

Career Direction: Courses in Family and Consumer Science at EHHS can lead to many career options to include occupations in food and hospitality, such as chefs and various levels of food preparation.

Intro to Foods 1 Semester .50 credit

Code: HOM 821

Open to grades 10, 11 and 12.

This course introduces students to the basic techniques and procedures required to prepare basic foods. Emphasis is placed on safely, sanitation, recipe reading, measuring, equipment identification and basic mixing and cooking methods. This class is the prerequisite for both the Advanced Baking and the Food Preparation classes.

Advanced Baking Honors CCP

1 Semester .50 credit

Code: HOM 816

Prerequisite: C or better in Intro to Foods

This course introduces students to preparing baked goods with emphasis on baking as a profession. Students will learn about ingredient identification and function, operation and function of a bakeshop. Note: Students enrolled in this course are dual enrolled at Manchester Community College. Successful completion of this course will grant MCC credit for Principles of Food Preparation (HSP 103).

Advanced Food Preparation CCP

1 Semester .50 credit

Code: HOM 824

Prerequisite C or better in Intro to Foods

This course introduces students to preparing basic foods. Emphasis is placed on identification of standard quality product, knife skills, fabrication of chicken and seafood as well as plate presentation.

Note: Students enrolled in this course are dual enrolled at Manchester Community College. Successful completion of this course will grant MCC credit for Principles of Food Preparation (HSP 101).

Health Occupations Courses

The Health Occupations courses are designed to give students a current, accurate picture of the career and educational opportunities available in the health field and to guide students in the proper high school preparation for post-secondary entry into the health field. Students have opportunities to work in the clinical setting to gain skills and knowledge required for a Certified Nursing Assistant. Medical ethics, workplace and communication skills are an integral part of the program.

Career Direction: Courses in the Health Occupations Program provide a background for numerous positions within the health and human services fields as well as a starting point for post-secondary education in the health and medical fields. Examples include Certified Nursing Assistant, Registered Nurse, Medical Technician, Physician, Physician's Assistant, Physical Therapist and many more.

Introduction to Public Health

1 Semester .50 credit

Code: HTH 767

Open to grades: 9-12

Introduction to Public Health is intended to give students a broad overview of the field of public health which centers on health promotion and disease prevention. Throughout the course students will be actively engaged in discussions and activities that promote a greater understanding of public health as a system. Health information literacy, basic research skills and career exploration will be emphasized.



CAREER AND TECHNICAL EDUCATION CONTINUED

Health Science and Technology

Full Year **1 credit**

Code: HTH 769 College Prep

Prerequisite: Grades 11 or 12

This course is designed to provide students with a broad introduction to the health care field. Topics include medical terminology, basic human biology, infection control, legal and ethical issues, environmental health, health care disparities, health care facilities, cultural aspects of health, roles of various health care workers and health information technology. Research skills, writing, and digital presentation skills are integral parts of this class. Students will have the opportunity to explore numerous health care roles as this course emphasizes the importance of career planning in high school.

Patient Care Assistant

Double Period **Full Year** **2 credits**

Code: HTH 771

Prerequisite: C or better ub Allied Health or permission of instructor.

This course teaches the knowledge and skills required of a certified nursing assistant. Students learn the theory, knowledge and clinical skills in the classroom and laboratory setting in order to provide care at various clinical settings. Students provide patient care under the supervision of a Registered Nurse Instructor. Entry-level work place skills are also intergrated in this class. Students who successfully complete 60 hours of direct patient care are eligible to take the state certificaion exam.

Technology Education Courses

Technology Education Courses: Courses in this department are linked to the following Career Clusters: Information Technologies, Manu-facturing, Architecture and Construction, STEM (Science, Technology, Engineering, Math), and Transportation. Technology will in uence every student’s daily life and contribute to his/her role as a positive, successful citizen. The Technology Education Curriculum is designed to promote technological literacy at all levels of instruction in the areas of energy, power, transportation, manufacturing, communication, and construction. Students learn to control and manage technology systems and apply various strategies related to technological problems. Learning activities will focus on developing technological awareness; solving “real world” technical, human and environmental problems; the safe and efficient use of tools, materials, and processes; and the history and impact of technological systems.

Career Direction: A working knowledge of computer skills, technology, and communication skills are necessary in many occupations today. Technology education provides a strong background for a wide range of careers, such as Architect, Engineer, Automotive Technician, Graphic Designer, Machinist, Construction Manager, Computer Systems Manager, and many others.

The Engineering Program: is a curriculum that is made up of a demanding sequence of courses that meets national standards for engineering and technology. Students are required to have successfully completed college preparatory math courses or be enrolled in them concurrently. Successful completion of this program equips a student to enter a two or four year college or technical school or enter in the world of work in an entry level position. This program introduces students to the Engineering Design Process, research, analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students use 3D modeling design software to design solutions to solve engineering problems. Students will learn how to document their work and to communicate solutions to members of the professional community.

Engineering Design I **Full Year**

Code: IND 701 **1 credit**

Prerequisite: Successful completion of or enrollment in Geometry is strongly suggested

Students use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve problems in and out of the classroom. Using sophisticated three-dimensional models and systems engineering which includes the studying software, students communicate the details of the product. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

Engineering Design II **Full Year** **1 credit**

Prerequisite: Successful completion of Engineering Design I or permission of the teacher and completion of College Prep Algebra.

Students explore the wide variety of careers in engineering and technology. They investigate various technology systems and process. Using activities, projects and problems, students learn firsthand how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people.

Aerospace Engineering **Full year** **1 credit**

Code: IND 703

Prerequisite: Successful completion of Engineering Design I or permission of the Instructor.

Through hands-on engineering projects developed with NASA, students learn about aerodynamics, apace-life sciences, and systems engineering, which includes the study of intelligent vehicles like the Mars rovers “Spirit” and “Opportunity”.

CAREER AND TECHNICAL EDUCATION CONTINUED

Robotics/ STEM 1 Semester .50 credit

Code: IND 704

Grades: 9-12

Recommended for students interested in robotics, engineering, or other technical careers. This course provides an introduction to the basics of robotics structure and control. Students will learn about how electricity works and how electronic components go together on a circuit board or robotic device. Student will construct several circuit board and complete one autonomous robot. Students who have success in Robotics are encouraged to continue with Intro to Engineering and/or Computer Programming the following year.

Woodworking 1 Semester .50 credit

Code:IND 741/ IND 742

Grades: 9-12

The course will be an introduction to woodworking through the use of hand tools with selected use of power equipment.

Woodworking II 1 Semester .50 credit

Code: IND 743, IND 744

Grades 9-12

Woodworking II is designed to teach advances woodworking techniques. Students will use and maintain all woodworking power equipment and receive instruction on advanced projects.

Transportation/Power Engines Operations Career Pathway

Courses in Transportation, Distribution and Logistics will allow students opportunities to develop and manage repair plans by identifying and describing mobile equipment reliability and performance problems that are associated with electrical/electronic, fluid power, mechanical, and computer control systems.

Year 1: Automotive Systems- Engines CCP (Spring semester)

Year 2: Automotive Systems- Steering and Suspension(Fall semester)
Automotive Systems- Brakes

Career Exploration in Education and Training

Introduction to Teaching (ECE) and Introduction to Special Education (ECE) are courses that will provide students with an understanding of the academic, communication and technical skills in several aspects of the Education and Training industry.

Introduction to Teaching (ECE) 1 Semester .50 credit

Code: EDU 201

This is an educational foundations survey course for those who are interested in learning more about the landscape of K-12 education and how to connect their passions to it. This course engages students interested in working in K-12 settings in studies about teaching, learning, and schooling in the United States. It explores teaching and learning as processes that can relate to personal passions as well as how those passions are shaped, cultivated, or denied in different educational contexts. Course topics will include introductions to historical, philosophical, and social foundations of education, as well as how those foundations and personal passions relate to teaching as a profession, school organization, educational reform, and the reimagining of educational futures. Upon successful completion, students will earn 3 UConn college credits in AEDUC 1100: If You Love It, Teach It.

Automotive Systems- Engines CCP

Code: IND 754 (Spring) 1 Semester .50 credit

Prerequisite- grade 9-12. FRESHMEN must be passing core area classes with a B or higher in first semester before admitting entry into this high level automotive class. Algebra one is strongly recommended

This class is a single period class and aligns with NATEF standards on Engines. Students will learn theory in both of the Engine Repair and Performance ASE certification areas with the intent on entering the workforce ready for a career. Students will practice common hands-on job tasks with fasteners, gaskets and sealants, engine inspection and diagnosis, and complete an engine rebuild, cylinder honing and valve lapping using industry standard tools and equipment. **Students who enroll and successfully complete the engines class will earn college credit from Gateway CC.**

Automotive Systems- Steering and Suspension

Code: IND 753 (FALL) 1 Semester .50 credit

Prerequisite- grades 10-12. Algebra one is strongly recommended. IND 754 is recommended prior

This class class aligns with NATEF standards on Steering and Suspension. Students will learn theory in this ASE certification area with the intent on entering the workforce ready for a career. Students will practice common hands-on job tasks such as suspension component changes, tire and wheel changes, pre-alignment inspections and four-wheel wheel alignments using industry standard tools and equipment.

Automotive Systems- Brakes

Code: IND 756 1 Semester .50 credit

Prerequisite- Grades 10-12. Automotive Systems-Engines IND754 is recommended prior.

This class aligns with NATEF standards on Brakes. Students will learn theory in this ASE certification area with the intent on entering the workforce ready for a career. Students will practice common hands-on job tasks such as brake component changes, diagnosis and drum and rotor machining using industry standard tools and equipment.

Introduction to Special Education (ECE)

1 Semester .50 credit

Code: EDU 101

This is a course for those who are interested in learning about working with exceptional students in American Schools. Students will gain an understanding of characteristics associated to certain exceptionalities and how these characteristics might impact student learning. Course topics will explore the history, laws, regulations and concepts related to exceptional students and special education in American schools. In addition, this course will review the Council for Exceptional Children Common Core of Knowledge and Skills Essential for All Beginning Special Education Teachers. Upon successful completion, students will earn 3 UConn college credits in EPSY 1100: Introduction to Special Education.

CAREER AND TECHNICAL EDUCATION CONTINUED

Computer Graphics I 1 Semester .50 credit

Code: IND 721, IND 722

Prerequisite: Grades 10, 11 and 12

This course is an introduction to Photoshop, Illustrator, and Adobe Animate. Students will develop skills for digital communication, multi-media, and publishing as well as projects that use the laser engraver/cutter, vinyl cutter, heat press, and mug press.

Computer Graphics II 1 Semester .50 credit

Code: IND 723, IND 724

Prerequisite: Passing grade in Computer Graphics I

This course is a perfect opportunity to advance skills introduced in Graphics I. Graphic Design in the 21st century involves interactive media, print media, and production on CNC devices for signs and more. This course prepares students for further studies in Graphic Design, Interactive Media, and Digital Art.

Image Graphics (Photo I) 1 Semester .50 credit

Code: IND 727, IND 728

Prerequisite: Grades 10, 11 and 12

This course teaches students to take excellent pictures, compose a digital camera, and process images in Photoshop. This course is a first step in preparation for careers as a photographer, digital artist or imaging technician.

Publication Graphics (Photo II) 1 Semester .50 credit

Code: IND 729, IND 730

Prerequisite: Passing grade in Image Graphics

This is a project-based course that offers students an opportunity to advance their Photoshop and digital photography skills. Students will complete advanced photographics assignments and continue their study of digital processing in Photoshop. In addition, students will complete advanced digital photo art projects, support school publication and projects with digital photography and imaging.

Intro to Computer Science

Code: IND 725 1 Semester .50 credit

Prerequisite: Algebra II and Grades 10-12

This is an exploration of issues in computer science and technology literacy. Students will also develop basic computer programming skills as well as an understanding of computer hardware. In programming, emphasis will be on computer science principles using HTML, CSS, and Python. This course is an ideal preparation for AP Computer Science or further study in programming.

AP Computer Science Principles

Code: IND 765 Full Year 1 credit

Prerequisite: Intro to Computer Science, Engineering or Advanced Math

AP Computer Science Principles introduces students to the central ideas of computer science, helping students to think like Computer Scientists and programmers. Students will use Python, HTML, CSS and other systems to solve problems, program devices and explore Computer Science concepts. The course will focus on applying the creative processes when developing computational artifacts including programming. Students will design and code solutions to problems using processes similar to those artists, writers, programmers, and engineers in games, interactive media and the Internet.

AP Computer Science A

Code: IND766 Full Year 1 credit

Prerequisite: Intro to Comp Science, Engineering or Advanced Math

AP Computer Science A is equivalent to a 100-level college introductory programming course. Students will learn the principle of object-oriented programming in the Java programming language. In this class, you will complete projects that require you to reduce abstract problems to concrete algorithms in Java code.



English Department– Mrs. Anna Capobianco, Supervisor 860-622-5387

The English Department provides a comprehensive four year program designed to meet the rigorous demands of the Common Core State Standards. Courses are sequential, and skills build upon one another over the course of the four year program. Success in the early years of the English program is crucial to student success in the upperclassmen courses.

COURSE DESCRIPTIONS

9th Grade

English I **Full Year** **1 credit**
Code: ENG 102
Honors Code: ENG 101
Required for all grade 9 students

In English I, students will closely read fiction and literary nonfiction to determine the themes/central ideas of the texts and how those themes/central ideas are shaped by details included by the author. Heavy emphasis is placed on students’ ability to summarize texts and to cite textual evidence to support claims. Students continue to develop their vocabularies and analyze text for the figurative and connotative meaning of words. Writing is emphasized in English I; students practice writing for a variety of purposes including argument, informational, narrative, and research-based writing styles. Students continue to refine their writing skills with an emphasis on developing more sophisticated writing with appropriate conventions. Students begin preparations for the SAT in this course.

10th Grade

English II **Full Year** **1 credit**
Code: ENG 202
Honors Code: ENG 201
Required for all grade 10 students

In English II, students continue to read fiction and literary non-fiction with a focus on determining themes/central ideas. Students continue to practice summarizing a text and citing textual evidence to support claims. Vocabulary development remains a focus, and students begin analysis of how an author’s word and structure choices affect the meaning of a passage and/or text. Writing instruction emphasizes argument and research-based writing styles, and students develop writing and speaking skills using more sophisticated language and accurate conventions. Students continue to extend their SAT knowledge and skills during this course.

11th Grade

English III **Full Year** **1 credit**
Codes: ENG 302, ENG303
Prerequisite: Successful completion of English I & II

In this course, students continue to read texts closely and practice citing textual evidence to support inferences drawn from the text. Students begin to analyze texts for multiple themes/central ideas. Vocabulary continues to be a focus with more emphasis on multiple words and how those words affect the meaning of a text. Students continue to write for a variety of purposes with an emphasis on combining research with argument and informative writing. Students hone and refine their SAT knowledge and skills in final preparation for this assessment.

Advanced Placement Language & Composition

Full Year **1 credit**
Code: ENG 501
Prerequisite: Successful completion of English II with a minimum grade of B, teacher recommendation and department head approval.

The course will follow the College Board Advanced Placement Language and Composition curriculum, and is equivalent to a first year-year college English course. The course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer’s purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. **Successful completion of a summer project is expected by the first day of class. Students enrolled in this course are expected to take the Advanced Placement Language and Composition exam in May.**

ENGLISH CONTINUED

12th Grade

English IV: Introduction to College Reading & Writing

Full Year 1 credit

Code: ENG 402

Prerequisite: Successful completion of English III

In English IV students read selected poetry, drama, short fiction, novels, and nonfiction from around the world. Selections will be studied as literary works and as reflections of their age and culture. Writing instruction will concentrate on critical analysis, the essay, and research. In addition, a focus will be placed on writing their college entrance essay. This course is aligned with English 093 (ENG 402) at Manchester Community College.

English IV: Foundations for College Reading & Writing

Full Year 1 credit

Code: ENG 403

Prerequisite: Successful completion of English III

In English IV students read selected poetry, drama, short fiction, novels, and nonfiction from around the world. Selections will be studied as literary works and as reflections of their age and culture. Writing instruction will concentrate on critical analysis, the essay, and research. In addition, a focus will be placed on writing the college entrance essay. This course is aligned with English 066 (ENG 403) at Manchester Community College.

English IV: Honors Full Year 1 credit

Code: ENG 401

Prerequisite: Successful completion of English III

Honors with a B or better and teacher recommendation or successful completion of English III with a B+ or better and teacher recommendation.

This course provides advanced study of classic and contemporary literature from the British Isles, Asia, Africa and Europe. Writing instruction will concentrate on critical analysis, the essay, research, and cross-cultural study. Students enrolled in this course are dual enrolled at Manchester Community College. **Students will be required to complete a summer reading assignment and project prior to the first day of class.**

English IV Human Rights

Full Year 1 credit

Code: ENG 419

An English teacher and a social studies teacher will share instruction of this course, which will meet for two class periods each day. The course will be an interdisciplinary, in depth study of the field of human rights, with emphasis on student activism. Unit topics/themes include Universal Declaration of Human Rights, human trafficking, the American Indian experience, Apartheid, and genocide. Students will examine the causes and results of prejudice and study the roles of propaganda and censorship. Literary and historical works will complement each other, with particular focus on critical thinking skills, and global citizenship. Students will be required to complete a research paper, several presentations, and several shorter papers.

Early College Experience: Human Rights

Full Year 1 credit

Code: ENG 421

Prerequisite: Successful completion of English III.

An English teacher and a social studies teacher will share instruction of this course, which will meet for two class periods each day. The course will be an interdisciplinary, in depth study of the field of human rights, with emphasis on student activism. Unit topics/themes include Universal Declaration of Human Rights, human trafficking, the American Indian experience, Apartheid, and genocide. Students will examine the causes and results of prejudice and study the roles of propaganda and censorship. Literary and historical works will complement each other, with particular focuses on critical thinking skills and global citizenship. Students will be required to complete a research paper, several presentations and several shorter papers. The Honors/ECE section of Human Rights provides students with an opportunity to earn up to 6 transferable UCONN college credits; 3 credits in HRTS 1007: Introduction to Human Rights and 3 credits in HRTS 2200: Introduction to Genocide Studies. Students enrolled in this course are required to complete 1) a summer project prior to the first day of class and 2) a student-centered humanitarian project.



ENGLISH CONTINUED

Advanced Placement:

Literature and Composition

Full Year 1 credit

Code: ENG 502

Prerequisite: Successful completion of English III Honors with a minimum grade of B and teacher recommendation. English III students may be eligible for the course with a minimum grade of B+, teacher recommendation, and an interview with the department supervisor.

This course will follow the College Board Advanced Placement Literature and Composition curriculum and is equivalent to a first-year college English course. In AP Literature and Composition, students engage in rigorous instruction that strives to answer the questions that great literature poses. Using discussion and reflection, analytical and critical writing, exploration and research, students will analyze the ways writers use language to provide both meaning and pleasure. Attention will be paid to the style, themes, use of figurative language, imagery, symbolism, and tone within the literature. Writing assignments include expository, analytical and argumentative essays that require students to analyze and interpret literary works.

Successful completion of a summer project is expected by the first day of class. Students enrolled in this course are expected to take the Advanced Placement Literature and Composition exam in May.

Early College Experience:

Literature and Composition

Full Year 1 credit

Code: ENG503

Prerequisite: Successful completion of English III Honors or Advanced Placement Language and Composition with a minimum grade of B+ and teacher recommendation. English III students are ineligible for this course due to UConn requirements.

ECE Literature and Composition is a rigorous, college level course that requires active reading, in-depth analysis of literature, and extensive writing. Because this course is designed to approximate a college level English course, the reading is challenging and the expectations are high. It follows the curricular requirements for the University of Connecticut Freshman English 1011. Students must register for the course in accordance with UConn's deadlines and requirements. Earning a grade of C or above will garner UConn credit as well as a UConn transcript, which is transferable to most universities around the world. A grade below a C will show as an 'audit' on the UConn transcript. Students will be expected to use strong reading, writing, and analytical skills to pursue topics of academic inquiry throughout the year. **Successful completion of a summer project is expected by the first day of class. Students enrolled in this course are expected to take the Advanced Placement Literature and Composition exam in May.**



English as a Second Language/Bilingual

Education Mrs. Elizabeth Peczuh, Supervisor

860-622-5975

The English as a Second Language/Bilingual Department offers a comprehensive program for students who have recently arrived to the United States and who are fluent in a language other than English. Based on the results on the LAS Links English Language Placement Exam, students are placed in the corresponding ESL level. The course levels are sequential and cover topics that are critical in increasing English language proficiency in order to be successful in school. Vocabulary, grammar, pronunciation and literacy are taught across the four modes of communication (speaking, listening, reading and writing.) All course enrollments are based on the placement test and teacher recommendation.

ESL 1 Full Year 1 credit

Codes:

ESL 101 Grammar
ESL 098 Reading
ESL 111 Writing

This course covers basic elements of English usage for non-English speakers. The students will learn basic communication skills. There will be an emphasis on vocabulary development, grammar and spelling skills. Students will also begin to write sentences incorporating grammar and spelling skills.

ESL 2 Full Year 1 credit

Codes:

ESL 101 Grammar
ESL 099 Reading
ESL 112 Writing

Students will increase English fluency by developing beginning communication skills within writing, speaking, language structure and comprehension. Writing skills will be developed following the writer's workshop model of mini-lessons, conferencing and extensive writing.

ESL 3 Full Year 1 credit

Codes:

ESL 101 Grammar
ESL 098 Reading
ESL 111 Writing

Students will master increased English fluency by developing low intermediate communication skills in speaking, listening, reading and writing.

ESL 4 Full Year 1 credit

Code: ESL 104

Intermediate ESL

Students will master increased English fluency by developing high intermediate communication skills in speaking, listening, reading and writing.

ESL 5 Code: ESL 105

Advanced ESL Full Year 1 credit

This course is designed for the student who is approaching mastery of the English Language. The course will focus on review of grammar and writing skills, study of idiomatic expressions and academic reading and writing.

ESL Study Skills 1 Semester .50 credit

Codes: ESL021, ESL 022

Students in this course meet 2, 3, or 5 times per week with a teacher or tutor to receive support with their mainstream classes. **Frequency of class meetings will depend upon individual students' workload and teacher recommendations.**

ELL Seminar

Semester 1 or 2 .50 credit

Code: Seminar ELL

The ELL Seminar class is designed to meet the unique needs of long-term English Language Learners by supporting the students with reading, writing, and language acquisition in a small class setting. Instruction is aligned to the CELP Standards and is determined based on individual student needs identified from the annual LAS Links assessment results, PSAT/SAT data, and/or district assessments. In this class, students also work on study skills and receive support to complete work from their content area classes.

HEALTH/PHYSICAL EDUCATION

Health/P.E. Department– Mrs. Tracy Stefano, Supervisor 860-622-5973

To provide active, safe and health promoting experiences that create healthy learners and leaders in society.

Health and Physical Education is sequential program consisting of classes in Physical Education and Health Education. The Physical Education classes expose students to a variety of physical activities to aid in individual development in the realms of physical, social and emotional areas, and to improve personal fitness, promote fair play and cooperation. Health classes are designed to develop students' abilities to provide a foundation for potential risks and proactive approaches to wellness and to make informed decisions relating to health issues. Classroom instruction includes the knowledge and skills in order to improve and maintain the health of the student. The curriculum aligned with state and national health, physical education standards, Common Core state standards and aids in the progress of student performance on Smarter-Balanced Assessments. We believe that by working together, we will provide our students with skills and a foundation for living a healthy and productive life.

In high school Physical Education, students are given the opportunity to choose from a variety of physical activities and experiences that promotes student understanding, application and assessment of individual performance. Learning experiences focus on the demonstration and application of developmentally mature forms of fitness and sport skills, concepts and strategies of how and why the body moves in various situations, engagement in vigorous activity, fitness planning and responsible behavior for success in society beyond high school years. Student activities that are offered include:

⇒ **Fitness Activities**

Cardiovascular Training, Strength Training, Exercise Class and Yoga

⇒ **Games**

Tag, Cooperative and Team-Building

⇒ **Individual Activities**

Dance, Badminton, Tennis and Swimming

⇒ **Team Sports**

Basketball, Flag Football, Floor Hockey, Lacrosse, and Softball

Physical Education Choice Program

“CHOICES”- Providing opportunities for students to set their own pace, select a topic and have some choice in the way they learn in an effort to promote intrinsic motivation, student centered creativity and problem solving.

Purpose: To increase opportunities for students to be physically active on a regular basis, increase student participation, decrease disciplinary issues and correlate with middle school programs in order to continue promoting healthy lifestyles.

Schedule:

- Grades 9 & 10 meet Monday, Wednesday & Friday for physical education and Tuesday & Thursday for health education.
- Grades 11 & 12 meet Monday, Wednesday & Friday for health education and Tuesday & Thursday for physical education.

Procedure:

- Students follow the steps in order to outline their semester or physical activity.
- Complete the expectations contract and obtain a syllabus from their teacher.
- Students are offered a variety of choices (usually 4) for each 2-week unit throughout the semester.

FITNESS TESTING

- The Connecticut Physical Fitness Test (CTPFT) is the standardized physical fitness assessment required for all students in grades 4, 6, 8 & 10. These results are submitted to the State of Connecticut and the administration within each school district. Data from this assessment serves as a resource for program assessment, development and enhancement.
- All teachers use FITNESSGRAM, an online system that allows teachers to assess student performance and communicate with students and parents on their results to set goals that promote healthy lifestyles.

HEALTH/PHYSICAL EDUCATION CONTINUED

In high school Health Education, students will learn the following: evaluate and apply core concepts needed to stay healthy, identify information about products and services to stay healthy, analyze long-term planning to avoid or reduce health risks, influences on health, demonstrate appropriate communication in various settings and use the decision-making process and goal-setting to enhance health beyond their school years. Students engage in a variety of learning activities that promote individual understanding and application of essential health principals, support the development of writing and reading, and require critical thinking and problem-solving skills to identify the impact of health on an individual and society .

CORE UNITS OF STUDY

- WELLNESS
- BULLYING
- NUTRITION
- EXERCISE & FITNESS
- HUMAN GROWTH & DEVELOPMENT
- SUBSTANCE ABUSE

Program Assessment:

STUDENT PERFORMANCE

The department recognizes that each individual student is unique and learns at various speeds throughout his/her educational experience. To that end, teachers assess student performance in physical education using a standards-based approach in which students are provided with multiple opportunities to learn and grown at their own pace. Students are assessed in health education using a standards-based curriculum that aligns with and school goals to improve overall performance in all disciples.

“Health is a state of complete physical, mental and social well-being, and not merely the absence of disease or infirmity” - World Health Organization

Health/ Physical Education 9

1 Semester .50 credit

Code: PED109, PED 209

This course offers the opportunity to grow and develop physically, socially and emotionally in a choice program physical activity setting. Students are provided with the opportunity to participate in a variety of individual sports, team sports and fitness activities that focus on skill development, game strategies and sportsmanship. The health component sets a foundation for a sequential secondary curriculum with emphasis on the aforementioned six core units of study.

Health/ Physical Education 10

1 Semester .50 credit

Code: PED110, PED 210

Physical education includes the opportunity for students to continue to develop skills, content, and values sequential to the grade 9 choice Physical Education Program. The Connecticut Physical Fitness Assessment is administered to assess fitness levels of students. The health componenet focuses on the application of knowledge and skills related to the aforementioned six core units of study

Health/ Physical Education 11

1 Semester .50 credit

Code: PED111, PED 211

Year three of the sequential wellness program continues to offer choice physical education with an emphasis on strategies and value of physical activities in team and individual sports and fitness activities. The health component emphasizes on decision making, problem solving, and communication skills to prevent and intervene possible health risks related to the aforementioned six core units of study.

Health/ Physical Education 12

1 Semester .50 credit

Code: PED112, PED 212

This final year of the program continues to offer choice physical education with an emphasis on strategies and value of physical activity in team and individual sports and fitness activities. The health component emphazes American Red Cross First Aid, CPR, and AED while working toward certification. Additionally, students will participate in wellness, bullying, human growth and substance abuse units with a focus on the implications of each in college and careers.

Mathematics Department– Mr. Robert Janes, Supervisor 860-622-5245

Core Mathematics Courses:

Below are three pathways through the core mathematics courses East Hartford High School offers. Most students will take one course per year, and most students will follow the core pathway: Algebra I, Geometry & Statistics I, and Algebra II. Students can accelerate their coursework by taking two classes in the same row concurrently. Students may also take two courses concurrently if they fail a core mathematics course but wish to stay on track. The two possible pairings are Algebra I with Geometry & Statistics I or Geometry & Statistics I with Algebra II.

	Post Secondary (Level 2)	College Prep (Level 1)	Honors
Entrance Criteria	8th Grade Transition Math	8th Grade Pre-Algebra	C or Better in 8th Grade Honors** Passing Final Exam** Teacher Recommendation**
9th Grade	Algebra I, Part A	Algebra I	Geometry & Statistics I
10th Grade	Algebra I, Part B	Geometry & Statistics I*	Algebra II
11th Grade	Geometry & Statistics I	Algebra II* Optional Math Elective	Pre Calculus Optional Math Elective
12th Grade	Math Elective	Math Elective	Math Elective

* These courses may also offered as Level 2 courses based on enrollment

** Two of the three requirements listed must be met to enroll in Geometry & Statistics I in ninth grade

Elective Mathematics Courses:

During 11th and 12th grade students have the opportunity to take mathematics electives. Although graduation requirements stipulate three mathematics credits, we strongly encourage students to take a mathematics elective course senior year. Students should choose these courses based on their current and future college and career aspirations. These courses are roughly broken down into the following three groups:

- Pure Mathematics: Preparation for mathematics, engineering, physical science, life science, and other STEM careers.
- Applied Mathematics: Preparation for social science, arts, business, and technical careers.
- Integrated Mathematics: Preparation for any college level entrance math course.

	No College-Level Connection	College-Level Connection
Pure Mathematics	Pre Calculus (1 Credit, Level 1)	AP Calculus AB (1 Credit, AP) AP Calculus BC (1 Credit, AP)
Applied Mathematics	Financial Algebra (1 Credit, Level 1) Geometry II (1/2 Credit, Level 1)* Statistics II (1/2 Credit, Level 1)*	AP Statistics (1 Credit, AP)
Integrated Mathematics	Topics in College Algebra (1 Credit, Level 2)	Topics in College Algebra (1 Credit, Level 1)

* Students who plan on attending a four year college or a college with a mathematics placement test are strongly recommended to take an algebra-based course in addition to Geometry II or Statistics II. Algebra-based courses include Pre Calculus, Topics in College Algebra, and Financial Algebra.

MATHEMATICS CONTINUED

Grade 9

Algebra I, Part A Level 2
Code: MAT 142 Full Year 1 credit

Prerequisite: Grade 8 Transition Mathematics

Students in Algebra I, Part A formalize algebraic concepts first learned in middle school. Topics include patterns; linear functions, equations, and inequalities; and function notation.

Algebra 1 Level 1
Code: MAT 123 Full Year 1 credit

Prerequisite: Grade 8 Mathematics

Students in Algebra I formalize algebraic concepts first learned in middle school. Topics include patterns; linear functions, equations, and inequalities; function notation; systems of linear equations; scatter plots and trend lines; quadratic equations; and an introduction to exponential functions.

Geometry and Statistics Honors
Code: MAT 169 Full Year 1 credit

Prerequisite: Grade 8 Algebra I (see below)

This course gives students a strong foundation in both Geometry and Statistics. Geometry topics include coordinate geometry, transformations, congruence, similarity, trigonometry, circles, area, and volume. Statistics topics include data displays, one variable statistics, probability, and data collection.

Students taking this course in ninth grade should have a strong background in Algebra I as demonstrated by at least two of the following criteria: a C or better in honors eighth grade mathematics, a passing score on the Algebra I final exam, and teacher recommendation.

Grade 10

Algebra I, Part B Level 2
Code: MAT 143 Full Year 1 credit

Prerequisite: Algebra I, Part A or teacher rec.

Students in Algebra I, Part B continue algebraic concepts from Algebra I, Part A. Topics include systems of linear equations; scatter plots and trend lines; quadratic equations; and exponential functions. Course code under revision.

Geometry and Statistics Level 1
Code: MAT 125 Full Year 1 credit

Prerequisite: Grade 8 Mathematics

This course gives students a strong foundation in both Geometry and Statistics. Geometry topics include coordinate geometry, transformations, congruence, similarity, trigonometry, circles, area, and volume. Statistics topics include data displays, one variable statistics, probability, and data collection.

Algebra II Honors
Code: MAT 129 Full Year 1 credit

Prerequisite: Algebra 1 and teacher recommendation.

Students further develop the skills mastered in Algebra I. Topics include function operations and inverse functions; quadratic functions; polynomial functions; rational expressions and equations; radical expressions and equations; exponential function; and logarithmic functions.

Grade 11

Geometry and Statistics Level 2
Code: MAT 153 Full Year 1 credit

Prerequisite: Algebra I

This course gives students a strong foundation in both Geometry and Statistics. Geometry topics include coordinate geometry, transformations, congruence, similarity, trigonometry, circles, area, and volume. Statistics topics include data displays, one variable statistics, probability, and data collection.

Algebra II Level 2
Code: MAT 153 Full Year 1 credit

Prerequisite: Algebra I

Students further develop the skills mastered in Algebra I. Topics include function operations and inverse functions; quadratic functions; polynomial functions; rational expressions and equations; radical expressions and equations; exponential functions; and logarithmic functions.

Algebra II Level 1
Code: MAT 127 Full Year 1 credit

Prerequisite: Algebra I

Students further develop the skills mastered in Algebra I. Topics include function operations and inverse functions; quadratic functions; polynomial functions; rational expressions and equations; radical expressions and equations; exponential functions; and logarithmic functions.

Pre-Calculus Honors
Code: MAT 147 Full Year 1 credit

Prerequisite: Algebra II and teacher recommendation.

During the first half of the year, students study functions and their graphs. This includes linear, polynomial, rational, exponential, and logarithmic functions. In the second half of the year, students focus on trigonometry. Additional topics include matrices, sequences and series, conic sections, polar coordinates, and polar equations.



MATHEMATICS CONTINUED

Pure Mathematics Electives

Pre- Calculus - Level 1

Code: MAT 135 **Full Year** **1 credit**

Prerequisite: Algebra II and teacher recommendation

During the first half of the year, students study functions and their graphs. This includes linear, polynomial, rational, exponential, and logarithmic functions. In the second half of the year, students focus on trigonometry. Additional topics include matrices, sequences and series, conic sections, polar coordinates, and polar equations.

AP Calculus (AB)

Code: MAT 139 **Full Year** **1 credit**

Prerequisite: Pre-Calculus and teacher recommendation

Students will study the topics of calculus including: determining and applying limits; determining and applying derivatives and anti-derivatives; definite integrals; three-dimensional modeling; and differential equations with applications.

AP Calculus (BC)

Code: MAT 141 **Full Year** **1 credit**

Prerequisite: Pre-Calculus and teacher recommendation

Students will study the topics of calculus including: determining and applying limits; determining and applying derivatives and anti-derivatives; definite integrals; three-dimensional modeling; and differential equations with applications.

Integrated Mathematics Electives

Topics in College Algebra - Level 2

Code: MAT 121 **Full Year** **1 credit**

Prerequisite: Algebra I and Geometry & Statistics I

In this course, students combine algebra and problem solving strategies to explore a range of mathematical concepts. This course utilizes a blended instruction model. This means that some lessons are taught by a teacher, while other lessons are supported by computer adapted instruction to meet the needs of each student. This course is designed to be taken in the senior year with potential to earn college credit with Manchester Community College.

Topics in College Algebra -Level 1

Code: MAT 120 **Full Year** **1 credit**

Prerequisite: A Grade of C or Higher in Algebra II

In this course, students combine algebra and problem solving strategies to explore a range of mathematical concepts. This course utilizes a blended instruction model. This means that some lessons are taught by a teacher, while other lessons are supported by computer adapted instruction to meet the needs of each student. This course is designed to be taken in the senior year with potential to earn college credit with Manchester Community College.

Applied Mathematics Electives

Financial Algebra - Level 1

Code: MAT 159 **Full Year** **1 credit**

Prerequisite: Algebra II

Financial Algebra is a mathematical modeling course that is algebra-based, applications-oriented, and technology-dependent. The course addresses college preparatory mathematics topics from Algebra 2, statistics, probability, and precalculus under eight financial umbrellas: discretionary expenses, banking, investing, credit, employment and income taxes, automobile ownership, independent living, retirement planning, and household budgeting.

Geometry II - Level 1

Code: 131 **Half Year** **.50 credit**

Prerequisite: Geometry & Statistics I

Throughout this course students will discover connections between geometry, art, design, construction, and logic. Topics include non-Euclidean geometry, inductive vs deductive reasoning, ruler and compass constructions, geometric art, and geometric simulations.

Statistics II - Level 1

Code:130 **Half Year** **.50 credit**

Prerequisite: Geometry & Statistics I

This course is intended for students interested in exploring the connections between mathematics, political science, social studies, and health occupations. Each unit pairs a skill from statistics or discrete mathematics with a socially relevant topic. Pairings may include discrete mathematics and democratic representation; probability and health outcomes; the normal distribution and wealth inequality; and sampling techniques and stereotypes.

AP Statistics

Code: MAT 140 **Full Year** **1 credit**

Prerequisite: Geo Stats I and teacher recommendation

Students in AP Statistics will explore the ways in which we collect, summarize and draw conclusions from data. Students will apply statistics to a variety of "real world" contexts. This course differs from most math courses, in that it places equal emphasis on writing as it does on calculation. Students will study these concepts using four broad conceptual themes: the exploration of data; sampling and experimenting with data; anticipating patterns using probability and simulations; and statistical inference.



MUSIC

Music Department– Mr. Thomas A. Scavone, Supervisor, 860-622-5972

Music courses at East Hartford High School are designed to foster students' ability to perform music and enhance their understanding and appreciation of music. Music courses and performance experiences will provide a background for further education and careers in music as well as lifelong enjoyment of music as a participant and/or listener. The study of music enhances critical thinking skills that often contribute to success in a variety of professional endeavors. Students should be aware that there are special attendance requirements and financial commitments associated with various performing groups. All courses meet 5 days per week.

Open Enrollment Courses for Any Student

- * Concert Choir
- * Piano 1
- * Guitar 1
- *World Drumming
- * Music Productin & Technology
- * Video Production
- *DJ and Live Sound

Band **Full Year** **1 credit**

Code: MUS 601

Prerequisite: Basic Knowledge and skill on an instrument and approval by director.

This course includes study & performance in all types of instrumental music. Students are required to participate in the Marching Band as part of the curriculum.

Performance outside of school is mandatory and frequent.

Concert Choir **Full Year** **1 credit**

Code: MUS 621

This choir course is open to any student; no audition is required. Students learn fundamental skills and sing music in a variety of styles throughout the year.

Performing in concerts is a requirement of the course.

Guitar I **1 Semester** **.50 credit**

Code MUS 605 **Meets 5 days per week**

This course is a beginning class in guitar. Students learn a variety of repertoire that emphasizes music literacy, basic cords, rhythms, and strum patterns.

Guitar I **1 Semester** **.50 credit**

Code: MUS 607 **Meets 5 days per week**

Prerequisite: Grade of a C or higher in Guitar 1 and/or written instructor approval.

The second level course in guitar includes basic chords, rhythms, strums, music reading, and more advanced techniques.

Courses requiring instructor approval and/or audition

- *Piano 2 (requires a grade of C or higher in Piano 1)
- *Guitar 2 (requires a grade of C or higher in Guitar 1)
- * Band
- *Music Theory– AP
- * Orchestra

Music Production & Technology

1 Semester .50 credit

Code: MUS 651, MUS 652

Prerequisite: Open as entry level class for any student in grades 9-12.

This class will be an introduction to computer-based music and audio production. Topics include digital audio workstation technology, system setup, sound design, production techniques, beat-making, music editing and basic MiDi (Musical Instrument Digital Interface) concepts and techniques. Students eventually apply these techniques to produce a short piece of their choice in a wide range of contemporary music styles. Other topics include recording and sound reinforcement technique.

Orchestra **Full Year** **1 credit**

Code: MUS 613

Prerequisite: Ability to play an orchestral string instrument and read music.

The orchestra is a performance class that provides students the opportunity to develop musicianship skills, proficiency on a string instrument and the study of a wide range of various types of orchestral music. **Concerts and performances outside of class time are required.**

Piano I **1 Semester** **.50 credit**

Code: MUS 617, MUS 618

This course is a beginning class in piano. Students will learn a variety of repertoire that emphasizes music literacy, playing with both hands and basic chord progressions. Students also analyze piano compositions from a variety of historical periods and styles.

Piano II **1 Semester** **.50 credit**

Code: MUS 619, MUS 620

Prerequisite: Completion of Piano I with a grade of a C and/or written instructor approval.

This second level class is a continuation of what was learned in Piano I with an emphasis on more advanced repertoire, technical development, chord progressions and musical analysis.



MUSIC CONTINUED

Treble Choir **Full Year** **1 credit**

Code: MUS 623

Prerequisite: Open to grades 10-12 by audition and approval of the director.

This is an all-female ensemble that performs choral literature from a variety of genres at concerts throughout the school year. As an upper-level ensemble, there is greater emphasis on enhancing individual vocal development as well as overall ensemble sound. Students will also grow in their sight-reading skills, music literacy, and knowledge of choral literature from different historical periods and styles.

DJ and Live Sound **1 Semester** **.50 credit**

Code: 653

Prerequisite: Open as an entry level class for any students grades 9-12

Students will have the opportunity to work with studio equipment that DJ's use today and will create their own playlists that seamlessly loop together. By the end of the class, students will be able to program their own event and have opportunities to host live performances.

Video Production **1 Semester** **.50 credit**

Code:654

Prerequisite: Open as an entry level class for any student in grades 9-12.

Video Production will introduce students to storyboarding techniques, filming and editing video, and the various roles in the business and engineering world. Students will have the opportunity to work on standard studio equipment and programs that current movies are created on. By the end of the class, they will be creating and running their own video sessions.

Voice Ensemble **Full Year** **1 credit**

Code: MUS 627

Prerequisite: Open to grades 10-12 by audition and approval of the director.

This choir performs advanced choral literature from a variety of genres. Students build on the fundamentals of singing and music literacy learned in Concert Choir and Treble Choir. Performing in concerts is a requirement of the course.

AP Music Theory **Full Year** **1 credit**

Code: MUS 637 Prerequisite: See instructor prior to enrollment. Grades 10-12

Provides specialized training to those seriously interested in music, including the study of elementary theory, with attention to chord structure, the writing and harmonizing of melodies, ear training and analysis. This course is recommended for those who plan to major in music, as well as those who wish to improve their music literacy.

World Drumming **1 Semester** **.50 credit**

Code: 655

Prerequisite: Open as an entry level class for any student in grades 9-12.

World Drumming will introduce students to: West African, Latin and Caribbean, Brazilian samba drumming, dance, and culture. By the end of the class, students will be able to perform, create and respond to a variety of cultures and music through drumming.



SCIENCE

Science Department– Ms. Melissa Gavarrino, Supervisor, 860-622-5273

Science courses at East Hartford High School reflect the state's adoption of the Next Generation Science Standards (NGSS). The NGSS enables teachers to offer all students interactive science instruction that promotes analysis and interpretation of data, critical thinking, problem solving, and connections across science disciplines- with a high set of expectations for achievement in grades 9-12. The science standards complement English/language arts and mathematics standards, enabling classroom instruction to reflect a clearer picture of the real world, where solving problems often requires skills and knowledge from multiple disciplines.

Common Sequences of Study in Science

Grade Level	Academic Sequence	Honors Sequence
9	General Science	Honors Biology
10	Biology	Honors Chemistry
11	Chemistry	Physics, AP Chemistry, AP Biology, AP Environmental Science, or Science Elective
12	Physics or Science Elective	AP Physics or other Science Elective

Grade 9

General Science **Full Year** **1 credit**
Code: SCI 401

This course offers freshmen the opportunity to use science and engineering practices, crosscutting concepts and disciplinary core ideas to learn how physical science and earth science concepts can be used to explain Earth's place in the universe, Earth's systems, Earth and human activity, forces and interactions, energy and waves and their applications. Students will also study engineering, technology and application of science in relation to the above concepts.

Biology, Freshman Honors **Full Year** **1.20 credits**
Code: SCI 410

Prerequisite: Completion of Algebra I in grade 8 and teacher recommendation.

This course offers freshmen the opportunity to use science and engineering practices, crosscutting concepts and disciplinary core ideas to learn how the natural world works. Focus areas of study include structures and processes of organisms, ecosystems, hereditary and inheritance, biological evolution as well as related earth science standards addressing earth systems and the earth and human activity. Laboratory investigations are an integral part of this course. Students in this course are expected to take sophomore chemistry in grade 10.

Grade 10

Biology **Full Year** **1.20 credits**
Code: SCI 411

Prerequisite: Teacher recommendation

This laboratory course focuses on the Next Generation Science Standards (NGSS) related to biology. Students will explore concepts of structure and process of organisms, ecosystems and energy dynamics, heredity and inheritance as well as biological evolution. Students will engage in a 3-dimensional learning model where they are asked to use science and engineering practices and crosscutting concepts to explain science concepts. This course includes extended laboratory periods where students will be asked to work collaboratively to further develop their understanding of foundational concepts in biology.

Grade 10 Continued

Biology Full Year **1 credit**
Code: SCI 412

Prerequisite: Grade 9 General Science

This course focuses on the Next Generation Science Standards (NGSS) related to biology. Students will explore concepts of structure and processes of organisms, ecosystems and energy dynamics, heredity and inheritance as well as biological evolution. Students will engage in a 3-dimensional learning model where they are asked to use science and engineering practices and crosscutting concepts to explain science concepts. Laboratory investigations are embedded into regular class periods.

Chemistry Sophomore Honors
Code: SCI 415 **Full Year** **1.20 credits**
Prerequisite: Freshman Biology and Algebra I

This course follows the honors pathway into a college preparatory chemistry class designed to meet the needs of students who may wish to focus on the sciences in college. This course is aligned to the Next Generation Science Standards (NGSS) in chemistry with a 3-dimensional focus on matter and its interactions, including structure and properties of matter, chemical reactions, nuclear process and energy. This study connects science and engineering practices, crosscutting concepts and disciplinary core ideas in order to facilitate early preparation in chemistry. This preparation provides future opportunities for students to take advanced courses in physics, chemistry and biology for students entering their junior and senior year.

SCIENCE CONTINUED

Grades 11 and 12

Anatomy & Physiology Level I

Code: SCI 421 Full Year 1.20 credits

This course concentrates on the structure and function of the human organism. It includes a comprehensive overview of each organ system and how these systems work together. Students will study the organ systems through demonstrations, audiovisual presentations, laboratory exercises, dissections and discussion. This course is designed for the student who is interested in increasing his or her understanding of the human body. Students will also receive topical information and background on human-related fields and careers.

Anatomy & Physiology Honors

Code: SCI 423 Full Year 1.20 credits

Prerequisite: (Recommended "B" average in all previous science courses) or teacher recommendation.

The course is structured to present the student with a thorough understanding of the human systems and their individual components. Care is taken to ensure the proper usage of terminology which is also unique in medicine. The course involves independent study, classroom lectures, laboratory practice, dissections and rational applications of good techniques in analyzing problems. The course is open to all qualified juniors and seniors.

Biology AP Full Year 2 credits

Code: SCI 435 (course may run every other year depending on enrollment)

Prerequisite: Prior credit in Chemistry is highly recommended or students may take Chemistry concurrently. This course follows the College Board Advanced Placement Biology curriculum. This course is the equivalent to a first year college introductory biology course. Students will develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines and connecting biology concepts that govern living organisms and biological systems. The result will be readiness for the study of advanced topics in future college courses. Students who take this course will be expected to take the Biology Advanced Placement examination in the spring.

Chemistry Level 1 Full Year 1.20 credits

Code: SCI 443

Prerequisite: Algebra II (may take concurrently) This introductory college preparatory course is designed to provide a challenging background in basic principles of chemistry. This laboratory course is aligned with the NGSS and allows students to engage in classwork and laboratories designed to help students understand concepts such as structure and properties of matter, chemical reactions, nuclear processes and energy. Students will use science and engineering practices, crosscutting concepts and disciplinary core ideas in chemistry to develop a deep understanding of chemistry standards. Appropriate demonstrations and regular quantitative and qualitative laboratory investigations are an integral part of this course.

Grades 11 and 12 continued

Conceptual Chemistry Level 2

Code: SCI 441 Full Year 1 credit

This course is intended for the student interested in the study of basic concepts of chemistry but who may have a limited mathematical background. The 3-dimensional Next generation science standards related to chemistry are studied through practical application of chemistry concepts in relation to real world phenomena. Students study chemistry connected to science and engineering practices, crosscutting concepts and disciplinary core ideas related to structure and properties of matter, chemical reactions, nuclear processes and energy. The goal of this course is to prepare students to make informed decisions and to think critically about the world around them.

Chemistry Honors Full Year 1.20 credits

Code: SCI 442

Prerequisite: Algebra II (may take concurrently)

This course gives students a challenging college preparatory experience in chemistry through the 3-dimensional NGSS lens. This course encompasses all the concepts in our regular college preparatory class and in addition, students use science and engineering practices, crosscutting concepts and disciplinary core ideas related to structure and properties of matter, chemical reactions, nuclear process and energy with a focus on laboratory application of skills. This course also prepares students for more advanced courses in chemistry, physics and biology.

Chemistry AP Full Year 2 credits

Code: SCI 463 (course may run every other year depending on enrollment)

Prerequisite: Prior credit in Chemistry

This course follows the College Board Advanced Placement Chemistry curriculum. This course is equivalent to a first year college introductory chemistry course including laboratory. Students in this course will increase their understanding of chemistry fundamentals and be able to solve chemical problems. They will need to express their ideas orally and in writing around such topics as: structure of matter, states of matter, reactions and descriptive chemistry. Students who take this course will be expected to take the Chemistry Advanced Placement Examination in the spring.

Environmental Science - Level 2

Half or Full Year .50 - 1 credit

Code: SCI 447, SCI 448 (for full year use both codes)

This course is designed to examine the interrelationship of humans and the environment. The first semester focuses on the economic and political impact on how environmental issues are handled and how populations of living things function in and undisturbed state and under present conditions. The second semester focuses on how Earth would function without human interference and how pollution has impacted our lives and the lives of other living things on Earth. The full year is recommended, but either semester may be taken on its own as well.

SCIENCE CONTINUED

Environmental Science AP

Code: SCI 446 Full Year 2 credits

Prerequisite: A or B in previous Science course or permission from instructor.

This course follows the College Board Advanced Placement Environmental Science curriculum. It is designed to be the equivalent of an introductory one semester college course in environmental science. The goal of the AP Environmental Science course is to help students understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving and/or preventing them. Students who take this course will be expected to take the Environmental Science Advanced Placement Examination in the spring.

AP Research Full Year 1 credit

Code: CAPS2

Prerequisite: AP Seminar

AP Research is the second course in the AP Capstone program. In this course, students will work with an expert to explore a topic, problem, or issue of their own choosing to produce an academic research paper. Part of the final assignment in this course is an oral defense of the project to a panel of evaluators. Qualifying scores (2 or better) in this course, AP Seminar, and four additional AP exams of the student's choosing, will qualify students for the AP Capstone Diploma TM.

Marine Biology Full Year 1 credit

Code: SCI 431

This course is an introductory course in the biological, physical and ecological characteristics of the marine environment. Organisms that inhabit ocean ecosystems will be studied, including their structure, function and adaptations for survival. Different marine ecosystems will be explored with an emphasis on local marine environments supported by field trips to beaches, estuaries and rocky shores. Human impact on these areas will also be examined. In addition, trips to Mystic Aquarium and/or the New England Aquarium are included as part of the curriculum.

Marine Biology Honors Full Year 1 credit

Code: Honors SCI 461

Prerequisite: A or B in previous Science class or permission from instructor.

This course will incorporate a more detailed study of concepts and skills from Marine Biology 431 with additional laboratory time to investigate certain topics in depth.

Physics Level 1 Full year 1.20 credits

Code: SCI 449

Prerequisite: Algebra II (may take concurrently)

This course along with Biology and Chemistry is recommended for any student planning to attend college. The basic laws of classical and modern physics are presented in a practical manner through the use of textbook, laboratory experiments, demonstrations, computer programs, and other media presentations. The course emphasizes the practical applications of physics providing the background that colleges assume high school students to have mastered. Some of the topics included are motion, Newton's law, heat, wave motion, light, sound and energy.

AP Physics Full year 2 credits

Code: SCI 451

Prerequisite: Credit in Algebra II or higher.

This course follows the College Board Advanced Placement Physics 1 curriculum. The goal of AP Physics 1 is to provide students with an experience equivalent to one semester of an introductory college level physics course. The course will utilize guided inquiry and student-centered learning to help students develop critical thinking skills. Physics 1 asks students to explore the following content areas: Newtonian mechanics, electricity and magnetism, waves and optics, and an understanding of algebra is critical. Trigonometry concepts needed for the course are taught as needed within the course. Students who take this course are expected to take the Advanced Placement Physics 1 examination in the spring.

General Science II Full Year 1 credit

Code: SCI 400

Prerequisite: General Science and Biology

This course combines elements of life, earth and physical science and applies them to the themes of local and global sustainability. The topics in this course around sustainable development the use of environmental resources in a responsible way to ensure they will continue to be available for use by future generations. Students learn to analyze risks, assess trade-offs, make decisions using scientific data and apply scientific concepts to real world situations. Hands-on experiments are an integral part of this course. Learning is cumulative and encourages student independence.



SOCIAL STUDIES

Social Studies Department– Mr. Edward Quick, Supervisor, 860-622-5276

The program is designed to help students acquire logical, critical and creative thinking skills in order to face a future of rapidly increasing change. Social studies education focuses most directly on the learning which young people themselves need for participating in society and which the public welfare requires. All social studies courses include instructional objectives that meet the Connecticut State Standard for Social Studies. Objectives include the use of graphs and organizers, distinguishing fact from opinion, weighing opposing viewpoints, distinguishing bias, reading comprehension, and writing well defined essays. Three credits of social studies are required for graduation. The social studies department offers a number of electives in addition to required courses. All students must pass Civics and United States History to graduate.

Grade 9

Civilization Honors

Code: HIS 509 Full Year 1 credit

Prerequisite: Department approval or teacher recommendation.

This course satisfies the requirement for 9th grade social studies. Topics in World History will be explored and discussed through research projects and the examination of Primary Sciences.

World History Full Year 1 credit

Code: HIS 503

Required of all grade 9 students.

World History, first semester will focus on the contributions of early civilizations to human history and how the geographic environment influenced the growth of economic, governmental and religious systems. World History second semester continues the study of the development of civilizations, the medieval world and the emergence of modern nations in Asia, Africa and Europe will be focal points.

Grade 10

Civics Honors Full Year 1 credit

Code: HIS 511

Prerequisite: Department approval or teacher recommendation.

This course examines the local, state and national governments of the United States. Particular emphasis is placed on the skills necessary to become a productive participatory United States citizen in the 21st century.

Civics Full Year 1 credit

Code: HIS 507

Required of all grade 10 students.

This course is designed to examine major areas of federal, state and local government. It will focus on the responsibilities of citizens in American democracy and the individual rights guaranteed by the United States Constitution.

Grade 10 continued

U.S. Government & Politics AP

Code: HIS 550 Full Year 1 credit

This course will provide students an intellectual foundation for observing, analyzing, and understanding national and international politics in the United States. Using primary and secondary source documents, as well as analysis of specific examples. Students will examine and evaluate the institutions of American government, political parties and elections, mass media, political behavior, public policies, and the development of individual rights and liberties, and their impact on citizens.

Grade 11

United States History AP Full Year 1 credit

Code: HIS 538

Prerequisite: recommendation of grade 10 Social studies teacher and/or department head. Students will be required to complete a summer project due on the first day of class.

The course is designed for a rigorous academic challenge. This gives students an opportunity to engage in college level study. The curriculum followed is approved by the College Board and prepares students to take the Advanced Placement Exam in the spring. Passing grade on the AP exam gives students 3 college credits. Students need to demonstrate superior aptitude and achievement and a willingness to commit to considerable independent study.

United States History Honors Full Year 1 credit

Code: HIS 540

Prerequisite: Completion of grade 10 social studies requirements (B+ average or higher) and recommendation of grade 10 social studies teacher and/or department head.

The course is designed to challenge students who have demonstrated a high level of academic aptitude and achievement. The pace of instruction is rapid and topics are explored in greater depth than in college prep. Students are expected to complete independent research, group work and long term assignments. Assessments emphasize the development of critical thinking skills, originality and creativity and the ability to make connections within the subject as well as other academic disciplines.

SOCIAL STUDIES CONTINUED

Grade 11 continued

United States History Level 1

Code: HIS 533 Full Year 1 credit

Prerequisite: Completion of grade 10 social studies requirements (C average or higher) and recommendation of grade 10 social studies teacher and/or supervisor.

This course is designed for academically talented students intending to pursue further education in a four year college or university. Students are challenged to higher level thinking in the application of course materials. Students are expected to do both independent and group projects along with long-term assignments.

United States History Level 2

Code: HIS 529 Full Year 1 credit

This course is designed for students intending to attend non-selective colleges after high school. Special emphasis is placed on topics necessary to understand present problems and the meaning of good citizenship. Teachers use a variety of instructional practices to engage students with different learning styles. Daily homework is assigned to provide students with practice in working with new concepts and review of previously learned material. Long term assignments are frequently broken down into several components. Student progress is assessed frequently.

Grade 11 & 12 Electives

Students in grades 11 and 12 may elect any of the courses below in addition to their required U.S. History course.

Contemporary Issues I and II

Code: HIS 521, HIS 522 1 Semester .50 credit This course will examine such current domestic issues as crime, housing, taxation, the environment and other current topics.



Grade 11 12 Electives continued

Psychology AP Full Year 1 credit

Code: HIS 549

Prerequisite: Completion of grade 9/10 requirements. Students will be expected to complete a summer project due on the first day of class. Completion of U.S. History (AP, H, CP), B+ or higher and teacher recommendation.

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental process of human beings and other animals. Students will be exposed to psychological facts and principles of each of the sub-fields within Psychology. They will also learn about the methods psychologists use in this science. The aim of the AP course is to provide the student with a college learning experience equivalent to that obtained in most college introductory psychology courses. Admission to the course is for highly motivated students. All students will be expected to take the AP Psychology Exam in the spring.

African-American/Black and Puerto Rican/Latino Studies Full Year 1 credit

Code: HIS 575

Grades 11 and 12 only

In this one-year, integrated course, the history of Africa and the Diasporas are explored with intentional linkages to the accomplishments, struggles, and beauty of Black and Latino people in the U.S., Americas (North and South), the Caribbean, and around the world. Through the lens of these very unique histories, students, with the guided support of their educators, will have opportunities to make connections to their own cultural and racial backgrounds and strengthen their understanding of what positive identity can look and sound like, the importance of inclusivity of diverse perspectives, and value for social justice to inform actions in their own community.

Human Rights Seminar Full Year 1 credit

Code: HIS 419, HIS 421 Early College Experience (ECE)

Prerequisite: Completion of grade 11 English requirements.

The course will be an interdisciplinary in depth study of human rights. Some of the units covered will include: the Universal Declaration of Human Rights, Africa genocide, plight of American Indians, civil rights and women's rights. Students will look at the cause and results of prejudice, as well as the role of propaganda and censorship. Literature and historical works will complement each other. Students will be required to do a research project and several short papers. Emphasis will be placed on public speaking skills. The ECE (HIS 421) section of Human Rights provides students with an opportunity to earn up to 6 transferable UCONN college credits; 3 credits in **HRTS 1007: Introduction to Human Rights** and 3 credits in **HRTS 2200: Introduction to Genocide Studies**. Students enrolled in this course are required to complete 1) a summer project prior to the first day of class and 2) a student-centered humanitarian project.

SPECIAL EDUCATION

Special Education- Mr. Robert Nagashima, Supervisor, 860-622-5375

The courses are taught by special education teachers for students who are eligible for special education services and who need significantly modified instruction. These courses meet all school and state academic requirements for graduation, fulfill the IEP goals and objectives and are based upon academic requirements.

Freshman Seminar Semester .50 credit

Code: Seminar 1

Students will be provided an extensive, research-based Social-Emotional Learning curriculum and have the opportunity to develop strategies and skills that will assist them in a successful transition to high school. Students will also have the opportunity to complete general education assignments in a structured and supported setting each day. Students will be encouraged to monitor their own academic, social-emotional and behavioral progress in order to foster increased independence and self-advocacy skills.

Sophomore Seminar Semester .50 credit

Code: Seminar 2

The Sophomore Seminar class is a smaller, structured, supported classroom setting where students will have the opportunity to review and complete work from their general education classes and to prepare and organize assignments for upcoming class activities and projects. In addition to work completion, students are encouraged to practice self-reflection, self-advocacy and general mindfulness through consistent interaction with a case manager.

Junior Seminar Semester .50 credit

Code: Seminar 3

In the Junior Seminar class, students will continue to receive structured instructional support in a smaller, supported classroom setting. Through the lens of each student's Individualized Education Program's goals and objectives, participants will have the opportunity to complete general education assignments and prepare for future classroom work. In this seminar class, students will also engage in structured planning and preparation designed for successful performance on the SAT.

Senior Seminar Semester .50 credit

Code: Seminar 4

The focus of the Senior Seminar class is to prepare students for the next phase of their educational careers, working toward their graduation and beyond. Students will identify personal, academic and career/post-secondary goals and they will create and implement an action plan throughout the semester in order to achieve these goals.



Transitions Courses

The courses are taught by special education teachers for students who are eligible for special education services and who are likely to require additional transition services until age 21. These courses are for students who have completed all graduation requirements or who are receiving a Certification of Attendance. These students will then transition to an Adult Service Agency upon graduation. The courses fulfill the IEP goals and objectives and are based upon states standards.

Realistic Employment Academics Leisure & Independence Training in Educational Settings

R.E.A.L.I.T.E.S. Transition Planning

This course focuses on skills necessary for a successful transition from school to work or school to post-graduation agency. Skills will include communication skills, time management, money skills, social skills, goal setting and post secondary planning.

R.E.A.L.I.T.E.S. Community Transition Seminar

This course focuses on skills necessary for a successful transition from school to work or school to a post-graduate agency. Skills include social responsibility, behavior expectations, agency coordination and leisure skills.

R.E.A.L.I.T.E.S.

Community Exploration & Work Experience

This course focuses on skills necessary for a successful transition from school to work or post-graduation agency. Students visit various community locations and are placed at job sites in the school and community. Skills include vocational skills, workplace etiquette, volunteer work, travel and transportation training.

In-School Work Experience I Full Year 1 credit

Code: SPE 751

Prerequisite: Approval of instructor

Students are placed at job sites within the school setting.

In-School Work Experience Full Year 1 credit

Code: SPE 753

Prerequisite: Approval of instructor

Students are placed at job sites within the school setting.

Community Work Experience Full Year 1 credit

Code: SPE 755

Prerequisite: Approval of instructor

Students are placed at job sites in the community.

Community Work Experience Full Year 1 credit

Code: SPE 757

Prerequisite: Approval of instructor

Students are placed at job sites in the community.

Transitional Planning Seminar Full Year 1 credit

Code: SPE 785

This course focuses on skills necessary for a successful school to work transition, including goal setting, work experience, and post secondary planning.



WORLD LANGUAGES

World Languages—Ms. Elizabeth Peczuh, Supervisor, 860-622-5975

The World Languages Department offers Chinese and Spanish. These courses provide opportunities for the learner to not only be able to communicate in a different language but also to understand and appreciate different cultures and people as well as provide greater opportunities in their career choices as students who participate in the study of a second or third language. The courses in this Program of Study are sequenced by year of study of a language rather than by grade since some students begin to study a particular language prior to East Hartford High School, including 7th and 8th grade at East Hartford Middle School and Sunset Ridge. World Language courses are defined as College Preparatory, Honors or AP/Uconn Early College Experience (ECE)

1st Year Language: Chinese 1

Spanish 1/ Spanish 2 Heritage

2nd Year Language: Chinese 2

Spanish 2/ Spanish 2H/ Spanish 3 Heritage

3rd Year Language: Chinese

Spanish 3/ Spanish 3H/ ECE Heritage

4th Year Language: Chinese 4

Spanish 4/ Spanish 4H/ AP Spanish

*** The Honors course will follow a more accelerated curriculum and will utilize additional supplementary material, projects and oral presentations.**

Career Direction: mastery of one or more languages provides students with numerous opportunities in business, health care professions, law, education, communications, art, music, media, travel and tourism. Some occupations that utilize language skills include international sales and marketing, art curator, archeologist, historian, travel agent, interpreter, hotel manager, human resource director, pilot, flight attendant, actor, singer, musician, news anchor, journalist, doctor, nurse, physician's assistant, paramedic, emergency medical technician, pharmacist, lawyer, paralegal, law enforcement officer and many others. Please schedule an appointment to see your school counselor for further information regarding careers related to world languages.

Spanish 1 Full Year 1 credit

Code: FOR 325

The student will receive a basic introduction to spoken and written Spanish through topical situations. The emphasis will be on vocabulary building, pronunciation and elementary sentence structure. Listening, reading and writing exercises will be used to reinforce the speaking skill. The study of Spanish culture, literature and civilization will be introduced.

Spanish 2 Full Year 1 credit

Code: FOR 327 Honors FOR 329

The student will expand upon the four language skills of reading, writing, speaking, and listening comprehension. Hispanic culture and civilization will continue to be stressed. The student will expand his/her knowledge of Spanish cultures and civilization.

Spanish 3 Full Year 1 credit

Code: FOR 331 Honors FOR 333

Prerequisite: "C" in Spanish 2 or "B" in Spanish 2 Honors level and recommendation of the instructor.

The student will master the advanced grammatical concepts and language skills of Spanish. Through a mastery of these skills, the student will acquire the ability to read stories, to carry on basic conversations, and to carry out instructions given in Spanish by the instructor. The student will improve his/her listening, speaking, reading, and writing skills through literature, and stories.

Spanish 4 Full Year 1 credit

Code: FOR 335 Honors FOR 337

Prerequisite: "C" in Spanish 3 or "B" in Spanish 2 Honors level and recommendation of the instructor.

The student will apply prior language skills to read narratives, essays, short stories, novels and plays. The student will be assigned compositions on special topics as well as oral and written reports. The student will acquire an insight into the culture and civilization of the Spanish-speaking world. At this level, the student begins advanced work in the language. This course is taught in Spanish. The student will practice listening skills in order to comprehend popular music, radio and television reports in addition to everyday conversation. Emphasis will be placed on ability of the student to analyze critically, both oral and written materials as well as free compositions and conversation with correct pronunciation. Individual attention is given to improving student communication skills. Speaking and listening skills are improved through class discussions, oral presentations, Spanish films and other authentic material from Spanish-speaking countries.

WORLD LANGUAGES CONTINUED

Advanced Placement Spanish 5

Full Year 1 credit

Code: FOR 339

Prerequisite: "B" in Spanish 4 and recommendation of the instructor.

The course will cover grammar, practical idioms and vocabulary through a study of Spanish authors and modern readings via extensive texts and authentic materials. Emphasis will be placed on free compositions and conversation with correct pronunciation. Individual attention is given to improving student communication skills. Speaking and listening skills are improved class discussions, oral presentations, Spanish films and other authentic material from Spanish-speaking countries. Students are prepared for the Spanish Language Advanced Placement Examination and are expected to take the AP exam in May.

Spanish 2: Heritage Speaker

Full Year 1 Credit

Code: FOR 402

Prerequisite: Functionally bilingual in Spanish and English and recommendation of the instructor

This course is designed specifically for students who were raised in a Spanish-speaking household and are functionally bilingual in Spanish and English. Instruction aims to meet the unique language acquisition needs of heritage speakers and focuses on polishing existing speaking and listening skills in Spanish while advancing reading and writing skills. Curriculum units include Latino identity, health and wellness, and the economy, culture, and traditions of the Spanish-speaking world.

Spanish 3: Heritage Speaker

Full Year 1 credit

Code: FOR 403

Prerequisite: "C" in Spanish 2: Heritage Speakers and recommendation of the instructor

This course is sequentially the second course for Spanish Heritage Speakers. After a year of improving speaking, listening, reading and writing skills, students will continue to explore topics such as the history of Latinidad in the United States. This course includes the reading of short novels that cover various moments in history such as the Cuban revolution.

ECE Spanish for Heritage Speakers: UConn 3177

Composición y Lectura para Hablantes de Español

Full Year 1 credit

Code: FOR 404

Prerequisite: Spanish 3: Heritage Speakers

This course is sequentially the third course for Spanish Heritage Speakers and provides students with an opportunity to earn up to 3 UConn college credits. The purpose of the course is to give students the necessary grammatical tools to write clearly and without spelling mistakes. By encouraging students to share vocabulary used in their communities and studying words in different texts throughout the course, students will increase their knowledge of both academic and daily vocabulary. Students will write a variety of texts including poetry, compositions, an act of a play, and a movie review.

Introduction to Language and Cultures

Full Year 1 credit

Code: FOR 203

Prerequisite: Only Available with School Counselor Recommendation

Throughout this course, students will learn to recognize and appreciate languages other than English and various cultures throughout the world. Students will learn basic communication skills in other languages in meaningful and useful ways that will be helpful to them as members of a diverse community. Students will gain an appreciation for the rich variety of cultures in East Hartford and understand the value of these cultures. Topics of study include the importance of language, celebrations and food in other cultures, family structures, and traveling.



WORLD LANGUAGES CONTINUED

Chinese 1 (Beginners– Grades 9, 10 & 11)

Full Year 1 credit

Code: FOR 388

This course offers students an opportunity to learn Chinese for the first time through exposure of the four language skills: listening, speaking, reading and writing. Emphasis will be on vocabulary building, pronunciation, tone, character lettering and fundamental sentence structure. Students will begin to understand the similarities and differences between their own cultures and that of the language they are learning.

Chinese 2 Full Year 1 credit

Code: FOR 389

Prerequisite: “C” in Chinese I or better and recommendation of the instructor.

This is the second year of the study of Mandarin Chinese in EHHS. The focus continues to be on communication and most classroom activities will take place in the target language. The four basic language skills of reading, writing, speaking and listening comprehension will be integrated into all learning activities and assessment tasks. Students also have more opportunities to learn about the richness and variety of culture and civilization through class materials, field trips and visiting lecturers.

Chinese 3 Full Year 1 credit

Code: FOR 355

Prerequisite: “C” in Chinese 2 or better and recommendation of the instructor.

The student will master advanced grammatical concepts, language skills, and character lettering. By mastering these skills, students will acquire the ability to read passages and stories, to carry on basic conversations and to carry out instructions given in Chinese by the instructor. The students will improve their listening, speaking, reading, and writing skills through literature and short stories. They will advance in skills needed to express ideas using relationships of time, cause and condition, and individual practice in speaking and listening. Emphasis will be placed in a variety of oral and written activities throughout the year that will help both students and the teacher monitor progress.

Chinese 4 Full Year 1 credit

Code: FOR 390

Prerequisite: “C” in Chinese 23 or better and recommendation of the instructor.

The students will apply prior language skills to read narratives, essays, short stories, novels and plays. Students will be assigned compositions on special topics as well as oral and written projects. Students will acquire an insight into the culture and civilization of the Chinese-speaking world. This course is taught in Chinese and authentic materials are integrated into all lessons. Emphasis is placed on students' performance in critically analyzing and responding to authentic material in spoken and written forms.



ACADEMIC HONORS

Honors Program

Students enter this program based on middle school academic performance, teacher recommendation, and test results. This program will provide students with a rigorous preparation for the world of higher education. In addition, independent research in topics of student interest will be encouraged.

Grades 9 and 10

The grade 9 and 10 program is composed of students who have achieved at an advanced level and who meet the criteria of the program. The core honors academic subjects are: English, Geometry, Algebra II, Biology and Chemistry.

A major objective of this unique program is to prepare able students for Honors and Advanced Placement courses during their junior and senior years. This program will maximize the students' learning experiences and their opportunities for admission to competitive colleges and universities. These students will be closely monitored by the team teachers and Gifted Program staff.

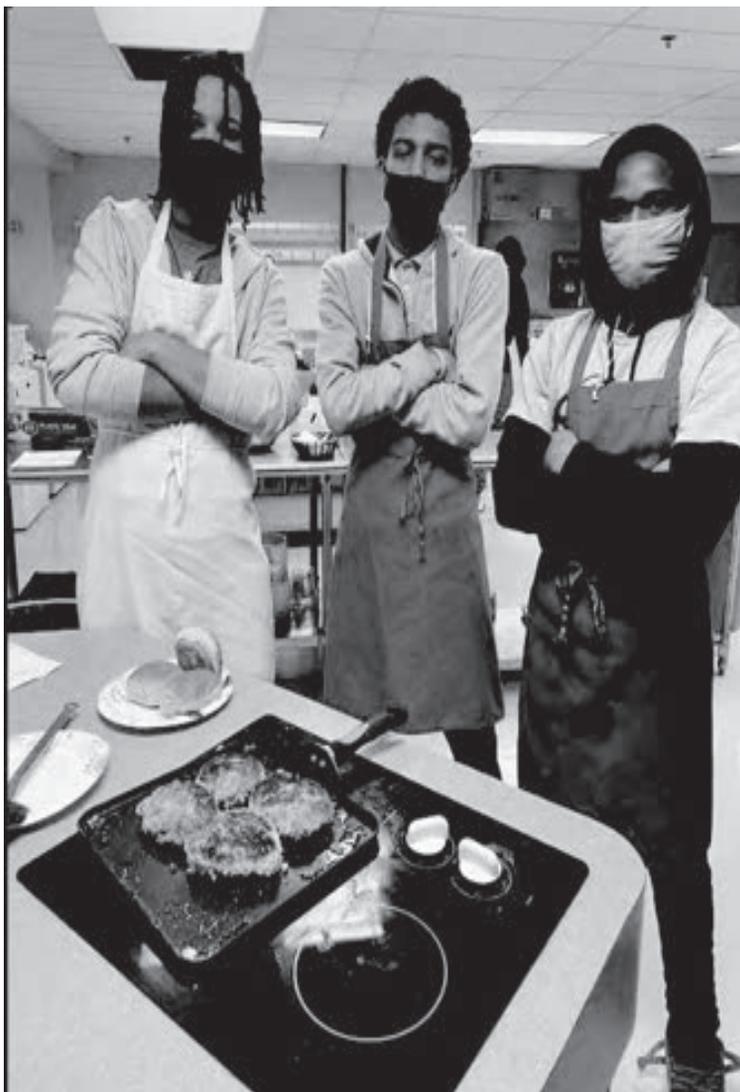
Selection Criteria

The following criteria are considered for participation in the Grade 9 and 10 Program:

1. High academic achievement in middle school, specifically grade 8.
2. Scores above the 90th percentile for the district on any nationally normed standardized test.
3. Written recommendation from the grade 8 academic team and the world language teacher.
4. A grade point average at or above 3.5 in grade eight.

Grades 11 and 12

Students may choose accelerated course content in their area(s) of interest and aptitude by enrolling in Advanced Placement, UConn Early College Experience, and other Honors courses. Gifted program staff will continue to monitor and advise students as upperclassmen.



PROHIBITION OF DISCRIMINATION ON BASIS OF RACE, COLOR, NATIONAL ORIGIN, SEX, AND HANDICAP IN EDUCATIONAL PROGRAMS AND ACTIVITIES

IT IS THE POLICY OF THE EAST HARTFORD BOARD OF EDUCATION THAT NO PERSON SHALL BE EXCLUDED FROM PARTICIPATION IN, DENIED THE BENEFITS OF, OR OTHERWISE DISCRIMINATED AGAINST UNDER ANY PROGRAM, INCLUDING EMPLOYMENT, ON THE BASIS OF RACE, COLOR, RELIGIOUS CREED, SEX, AGE, NATIONAL ORIGIN, ANCESTRY, MARITAL STATUS, SEXUAL ORIENTATION, PAST OR PRESENT HISTORY OF MENTAL DISORDER, LEARNING DISABILITY AND/OR PHYSICAL DISABILITY.

Grievance Procedure for Complaints Concerning Alleged Discrimination on the Basis of Sex, Race, Color, National Origin, and Handicap:

1. If after application of established rules or procedures and within thirty days of documentable occurrence, any student or employee who perceives that discrimination on the basis of sex, color, national origin, race or handicap has occurred, such student or employee shall initiate a complaint or question with the appropriate designated compliance officer.
2. Any student or employee who alleges that he/she is the victim of discrimination based on sex, color, national origin, race or handicap and has not received satisfaction from the appropriate compliance officer shall present the complaint in writing to the Superintendent of Schools. The Superintendent shall appoint a hearing panel which shall meet within fifteen school days from the receipt of the appeal by the Superintendent with the grievant who may be represented by counsel of choice. The panel shall within ten school days of such hearing transmit a recommendation to the Superintendent who will act upon the appeal and so notify the grievant within five days of the receipt of the panel's recommendation.
3. In the event that the grievant is not satisfied with the disposition rendered by the Superintendent, the grievant may, within five school days of receipt of the decision by the Superintendent, file an appeal with the Chairman of the Board of Education. The Chairman will within thirty school days of the receipt of such appeal schedule a hearing before the Board of Education wherein the grievant may be represented by counsel of choice. Within fifteen school days of such hearing, the Board will render a decision on the appeal and notify the grievant.
4. The East Hartford Public Schools will assume no responsibility for cost incurred by any grievant with regard to the pursuit of any claim.
5. All complaints and decisions and appeals must be presented or rendered in writing. A file on all such complaints at any level will be maintained by the Central Office.
6. The basis for all decisions rendered with regard to discrimination on the basis of sex shall be the "Final Title IX Regulations implementing Education Amendment of 1972 Prohibiting Sex Discrimination in Education" as effective July 21, 1975.
7. Complainants wishing to file a complaint may do so by contacting the OCR office for Connecticut at:

Office for Civil Rights, Boston Office
U.S Department of Education
8th Floor
5 Post Office Square
Boston, MA 02109
(617) 289-0150

8. Compliance Officers for East Hartford Public Schools:

Title IX - Sex Equity

Mr. Christopher T. Wethje
Director of Human Resources
1110 Main Street
East Hartford, CT 06108
(860) 622-5129

Title VII- Race, Color, National Origin

Mr. Christopher T. Wethje
Director of Human Resources
1110 Main Street
East Hartford, CT 06108
(860) 622-5129

Section 504 - Handicapped

Dr. Sharon Bremner
Director of Pupil Personnel
1110 Main Street
East Hartford, CT 06108
(860) 622-5112

Section 504 - Handicapped

Mr. James Rovezzi
Assistant Director of Facilities
734 Tolland Street
East Hartford, CT 06108
(860) 622-5952



VISION OF THE GRADUATE



PURPOSE:

East Hartford High School's **Vision of the Graduate** emphasizes a holistic view of expectations for students – including the transferable skills, content, understandings, and dispositions that they should possess by the time they graduate – as well as a method of assessing their progress toward that vision. This vision includes six attributes which encompass what it means to “Be a Hornet” and aligns with our school’s Student Learning Expectations: **Communicate, Reflect, Serve, Think, Engage** and **Achieve**.

EHHS Core Beliefs



EHHS Mission Statement

East Hartford High School brings together a diverse community in a safe, respectful environment where students *begin* the path to success in college and careers, *build* on their skills and talents, and *become* informed, responsible citizens.

EHHS Vision of the Graduate

Upon leaving EHHS, students will be able to:



EHHS Student Learning Expectations

EHHS students will be able to:

- 1) **Communicate by:**
 - 1.1 writing properly for a variety of purposes
 - 1.2 presenting information to an audience effectively through speech
 - 1.3 reading effectively from a variety of sources
- 2) **Solve problems by:**
 - 2.1 researching a topic independently
 - 2.2 thinking critically
 - 2.3 using appropriate mathematical calculations to support conclusions
 - 2.4 effectively applying inquiry skills to solve a problem
- 3) **Demonstrate workplace skills by developing personal work habits to enhance career opportunities**
- 4) **Demonstrate positive living and decision-making skills**
- 5) **Participate as active citizens in the community**

EXPECTATION #1

EHHS Students will be able to communicate effectively.

Standard 1.1

EHHS Students will be able to write properly for a variety of purposes.

Learning Expectation Rubric for Writing

The student displays all or most of the following:

- The writers' composition is thorough and answers stated purpose well (expository, narrative, persuasive, argumentative, real world).
- Writing is well-organized, fully developed, coherent and in the proper format without grammatical, syntactical, word error, or spelling errors.
- Sentence structure is complex and varied.
- Uses proper proofreading/editing technique both for content and format.
- Persuasive/opinion papers thoroughly defend the student's position with evidence.
- Appropriate terminology is used for the subject and audience.
- Sources of information are cited correctly and consistently.
- Indicators are carried out independently.

EXPECTATION #1

EHHS Students will be able to communicate effectively.

Standard 1.2

EHHS Students will be able to present information to an audience effectively through speech.

Learning Expectation Rubric for Speaking

The student displays all or most of the following:

- Engages the target audience appropriately and without prompting.
- Sophisticated language and advanced vocabulary are evident.
- Proper posture during presentation is maintained.
- Clarity, volume, and pacing of speech are excellent.
- Questions are responded to appropriately with support.
- Supporting materials (illustrations or visual aids) exceed expectations.

EXPECTATION #1

EHHS Students will be able to communicate effectively.

Standard 1.3

EHHS Students will be able to read effectively from a variety of sources.

Learning Expectation Rubric for Reading

The student displays all or most of the following:

- Can read independently, as well as comprehend, summarize and synthesize the reading thoroughly in writing.
- Demonstrates the ability to extrapolate meaning from reading a variety of sources including fiction and non-fiction and is able to support interpretations with ample evidence.
- Reads for pleasure beyond the assigned materials.
- Able to connect reading to previous experiences.
- Demonstrates a significant vocabulary and is able to explain these terms in own words.
- Can independently use appropriate reading strategies.



EXPECTATION #2

EHHS Students will be able to solve problems effectively.

Standard 2.1

EHHS Students will be able to effectively research a topic independently.

Learning Expectation Rubric for Research

The student displays all or most of the following:

- Researcher is able to research a topic that is independently chosen and properly constructs a strong thesis statement.
- Highly effective strategies of organization (note cards, outline, graphic organizer, etc.) are habitually used.
- Multiple sources (5 minimum) of information are identified, cited, and properly evaluated as high quality and relevant.
- All steps of a research paper are included and writing is insightful and well organized.
- Presentation form (paper, power point, etc.) is of the highest quality.
- Editing is done thoroughly by student and at least one other person.
- Strong conclusion is provided.

EXPECTATION #2

EHHS Students will be able to solve problems effectively.

Standard 2.2

EHHS Students will be able to think critically.

Learning Expectation Rubric for Critical Thinking

The student displays all or most of the following:

- The thinker correctly identifies and clarifies the problem to be solved.
- Multiple solutions are formulated and evaluated by the student.
- Necessary information is gathered and organized appropriately.
- Data are used to support evaluation of possible solutions.
- Conclusion is properly made and defended logically.
- Alternate solutions are also provided with rationale for their consideration or elimination.
- Steps to solve the problem are seamlessly used.

EXPECTATION #2

EHHS Students will be able to solve problems effectively.

Standard 2.3

EHHS Students will be able to use appropriate mathematical calculations to support their conclusions.

Learning Expectation Rubric for**Mathematical Calculations**

The student displays all or most of the following:

- The problem solver consistently and independently demonstrates the ability to identify the mathematical concepts needed to solve multi-step real-world problems and can implement the appropriate problem-solving strategies that are required to solve those problems.
- Consistently and independently demonstrates the ability to provide correct final answers that are supported with precise and clear explanations along with accurate calculations based on appropriate problem-solving strategies.
- Consistently and independently selects the appropriate technology application (graphing utility, excel worksheet, computer model, CAD, software) to represent, analyze and evaluate data.
- Consistently uses appropriate math vocabulary.

EXPECTATION #2

EHHS Students will be able to solve problems effectively.

Standard 2.4

EHHS Students will be able to effectively apply inquiry skills to solve a problem.

Learning Expectation Rubric for Scientific Inquiry

The student displays all or most of the following:

- The scientist always follows safety guidelines and encourages it in others.
- Applies the ideas of scientific inquiry to solve a problem with minimal teacher direction.
- Experiments/explorations are both planned and carried out by the student with a predicted outcome based on research.
- Data are analyzed using appropriate technology.
- Data are visually represented and explained.
- Conclusions are clearly written and strongly supported using data.
- Validity is thoroughly discussed.

EXPECTATION #3

EHHS Students will be able to demonstrate appropriate workplace skills.

Standard 3.1

EHHS Students will be able to use appropriate computer programs to enhance their products.

Learning Expectation Rubric for Computer Skills

The student displays all or most of the following:

- Demonstrates mastery using multiple software systems (power point, word, excel, etc.).
- Can independently select the appropriate technology to use in a given situation and integrate when appropriate.
- Demonstrates the ability to independently trouble shoot problems that arise through the use of technology.
- Uses technology to communicate with the instructor or other sources.
- Assignments using technology are completed with enough time and planning as to avoid problems with technology malfunctions and/or work is backed up in multiple locations (hard drive, external drive, network or cloud).

EXPECTATION #3

EHHS Students will be able to demonstrate appropriate work place skills

Standard 3.2

EHHS Students will develop personal work habits that will enhance their career opportunities.

Learning Expectation Rubric for Personal Work Habits

The student displays all or most of the following:

- Student sets long and short-term goals and has strategies to achieve them.
- Student works collaboratively with groups in multiple settings.
- Student prioritizes responsibilities and demonstrates the skill necessary to be successful in school.
- Student identifies a clear career path and understands requirements to pursue that career.

EXPECTATION #4

EHHS Students will demonstrate positive living and decision-making skills through a variety of activities.

- Data from multiple departments and programs will be compiled, analyzed and utilized to improve student and campus well-being at EHHS.

EXPECTATION #5

EHHS Students will play an active role in their community through a variety of activities.

Civic Learning Expectation Rubric

The student displays all or most of the following:

- Completes the Civics course requirement with at least a "B" average.
- Participated in a school sponsored team or club for a minimum of three years.
- Has led a community service project of at least 20 hours to assist others in the community.
- Has participated in the governmental process (.e.g., registered to vote, participated in an election campaign, voter registration volunteer, or independent research project).



New England Association of Schools and Colleges, Inc. (NEASC) Accreditation

East Hartford High School is accredited by the New England Association of Schools and Colleges, Inc. (NEASC), a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering postgraduate instruction. Accreditation of an institution by the 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 purpose 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.

This fall, EHHS will continue to address NEASC recommendations through a comprehensive assessment and monitoring system as well as communicative process. As a component of student graduation, students will be assessed through the school-wide learning expectations within through departmental rubrics in alignment with Common Core and the aforementioned expectations. These expectations are outlined in the grid below:

Student Learning Expectation 1) Communicate by: 1.1 writing for a variety of purposes 1.2 presenting information to an audience effectively through speech 1.3 reading effectively from a variety of sources	Department Assessment English, World Languages, English
2) Solve problems by: 2.1 researching a topic independently 2.2 thinking critically 2.3 using appropriate mathematical calculations to support conclusions 2.4 effectively applying inquiry skills to solve a problem	Social Studies, Fine Arts, Mathematics, Science
3) Demonstrate workplace skills by developing personal work habits to enhance career opportunities	Career and Technical Education
4) Demonstrate problem solving and decision making skills	Health and Physical Education
5) Participate as active citizens in the community	Guidance

Student progress information will be disseminated through parent and school events in addition to bi-annual report cards.

Inquires regarding the status of an institution’s accreditation by the NEASC should be directed to the administrative staff of the school. Individuals may also contact the Association:

New England Association of Schools and Colleges, Inc. Commission on Public Secondary Schools 209 Burlington Road Bedford, MA 01730-1433 New England Association of Schools and Colleges, Inc. (NEASC) Accreditation - English



English Department:

The English Department continues to monitor student communication through writing and reading for a variety of purposes. Within this mission, the department assesses students each quarter through essays and writing tasks to evaluate writing and uses district-based assessments for reading (administered three times per year). The department continues to infuse school-wide writing and reading strategies into curriculum content, skills, and assessments as all learning activities demonstrate a streamlined approach towards meeting common core standards and school-wide learning expectations.

New England Association of Schools and Colleges, Inc.
(NEASC) Accreditation - World Languages**World Language Department:**

The world languages department has implemented the department standardized speaking rubrics that support students' ability to communicate information to an audience through speech. Students are assessed one-time each semester using a department presentation system to allow the team to evaluate student progress using a various language samples and within the data process to identify key areas of learning and next steps.

New England Association of Schools and Colleges, Inc.
(NEASC) Accreditation - Social Studies**Social Studies Department:**

The social studies department has embedded Student Learning Expectations in the Argumentative Writing and Reading Rubrics aligned with national standards and common core standards for writing. Students in each grade are responsible for a cumulative research project at the end of the school year with assessment checkpoints used (quarterly) to evaluate progress and students' ability to meet the school-wide student learning.

New England Association of Schools and Colleges, Inc.
(NEASC) Accreditation - Fine Arts**Fine Arts Department:**

The fine arts department has designed assignments that include various opportunities within curriculum based assessments (which are administered quarterly) in art and music. Within this expectation, student progress is monitored through an individual's ability to identify, evaluate, and create performance task examples that have identifiable errors and needs for modification. Student work in this area is reinforced through the general curriculum as well as performance-based experiences as appropriate.

New England Association of Schools and Colleges, Inc.
(NEASC) Accreditation - Math**Math Department:**

The math department continues to monitor students' ability to use appropriate mathematical calculations to support conclusions. Within this task, the department assesses students each quarter through quarterly assessments that present multi-step problem-solving exercises with enough depth to demonstrate various levels of understanding. The department varies the complexity of these assignments to be aligned with grade level expectations. Furthermore, the math department uses district-based assessments (administered three times per year).

New England Association of Schools and Colleges, Inc. (NEASC)**Accreditation - Science****Science Department:**

The science department has taken responsibility for content level writing and scientific inquiry in relation to challenging students to effectively apply skills to solve a problem. This is assessed through universal screens curriculum based assessments in the form of inquiry labs. Students are assess one time teach semester on 'universal' labs and as well as three times per year using the CBAs to support effective evaluation of student progress. These assessments align with recently adopted Next Generation Science Standards as well as appropriate common core standards.

New England Association of Schools and Colleges, Inc. (NEASC)**Accreditation - Career and Technical Education****Career and Technical Education:**

The career and technical education department addresses a students' ability to demonstrate workplace skills by developing personal work habits. Within this task, the department uses an ongoing compilation of common based assessment using technological requirements depending on the course as well as an ongoing student to teacher reflective analysis of a students' ability to meet appropriate workplace skills during their time in a particular course. All learning activities align with career and technical education as well as common core standards.

New England Association of Schools and Colleges, Inc. (NEASC)**Accreditation - Health and Physical Education****Health and Physical Education:**

The health education curriculum is aligned with school-wide expectation for demonstrating positive living and decision making skills. This aligns with the CT Healthy Lifestyle Curriculum Framework, State Standard for Decision-Making and common core standards related to informative writing for students to analyze core concepts in health education. Program instruction and assessment is aimed to provide core concepts and real world applicable experiences and scenarios to provide a sequential and student-centered health education using a quarterly common based assessment to evaluate progress.

New England Association of Schools and Colleges, Inc. (NEASC)**Accreditation - Guidance****Guidance Department:**

The guidance department continues to use student behavior as well as participation in activities in and out of the school building as a means of assessing student progress within the school wide expectation of citizenship. This process entails school counselors using student profiles and relevant information to support the rubric within the expectation to assess each student.



I. GENERAL INFORMATION

INTRODUCTION

The curriculum at East Hartford High School provides varied programs for students to enable them to secure the type of education best suited to meet their particular needs, interests, and abilities. It is designed to prepare the student for further higher education or for entry into the world of work. The selection of sound courses to meet individual needs is of foremost importance. Wise planning will take into account the setting of realistic goals in terms of interests and abilities. Acquisition of knowledge, however, is but one element of a good education. Proper work habits, honesty, dependability, the ability to get along with others, and the development of positive citizenship traits are also essential components.

PLEASE NOTE - Dropping Courses

The listing of a course in this catalog does not constitute a guarantee that the course will actually be taught during 2022 - 2023 or in any following year. Students who drop first semester or full year courses two weeks after the start of the semester will receive an F in the course. Two weeks (Ten school days) after the start of the second semester is the deadline for dropping

PERFORMANCE STANDARDS

Every Grade 11 student must take the Next Generation Science Standards State Assessment and achieve a proficient score.
Every Grade 11 student must take the SAT on the SAT School Day Administration in March. Students must achieve proficient scores on the English 480 and Mathematics 530 sections.

Acceptable Performance Standards: Achieve a minimum score of **19** or higher on the English, Writing or Math Sections on the ACT. Meet the standards on the **District Performance Assessments** in Science in Grade 12

ELIGIBILITY RULE

In order for a student to participate as a member of an athletic team, club or a school committee, a 1.7 GPA must be maintained as evidenced by the report card of the previous marking period. Students must, also, carry 6 credits per school year and the equivalent of 5 credits per semester unless specifically exempted by the principal. Students must also be free of accountabilities. The following scale will be used to calculate eligibility. The letter grade as reported on the student's report card is the official grade for the term.

"C" Rule Eligibility = 1.70 or above

Course Levels at East Hartford High School

Course Levels: Advanced Placement, Honors, Level 1, Level 2 Rationale:

As recommended by the Cambridge Report this targeted change will create consistency in all departments and offer equitable opportunities to all students.

Advanced Placement	Advanced students are offered the opportunity to engage in college level study in several disciplines as part of the College Entrance Examination Board's Advanced Placement Program. In order to participate, students must demonstrate superior aptitude and achievement and a willingness to commit to considerable independent study. Admission to these courses is selective; criteria are listed in the departmental course descriptions.
Honors	Honors level courses are designed to challenge students who have demonstrated a high level of academic aptitude and achievement. The pace of instruction is rapid and topics are explored in greater depth in the honors level. Students are expected to complete independent research, group work, and long term assignments. Assessments emphasize the development of critical thinking skills, originality and creativity, and the ability to make connections within the subject area as well as other academic disciplines.
Level 1	In courses at this level, academically talented students are challenged to make the transition from recall of information to higher levels of thinking and application of course material. Although course content is often very similar to the honors level, more time is devoted to guiding students in the development of critical thinking skills and the capacity for more independent work. Students are expected to do both independent and group projects along with long term assignments. Assessments reflect the transitional nature of this level.
Level 2	Students at this level receive more personal attention in their academic preparation for college and careers. Teachers use a variety of instructional practices to engage students with different learning styles. Emphasis is placed on developing a strong understanding of course fundamentals, capacity for independent and critical thinking, and learning skills necessary for more advanced study. Daily homework is assigned to provide students with practice in working with new concepts, reviews of previously learned material, and structure in their learning process. Long-term assignments are frequently broken down into several components. Student progress is assessed frequently using a variety of tools.



Seal of Biliteracy at EHPS

What is the Seal of Biliteracy?

The Connecticut State Seal of Biliteracy was established to recognize high school graduates who have attained a level of proficiency in English and one or more languages. It is a testament to a student's dedication to building literacy skills in both English and a second language. Appearing on the graduation diploma and student transcript, the Seal certifies the attainment of biliteracy for students, employers, and institutions of higher education.

How is the Seal of Biliteracy beneficial to our students?

The Seal of Biliteracy honors the diverse languages and cultures of our community. It can help to ensure proper placement in language courses at the college/university level and may result in college credit for work completed in high school (Consultation with individual colleges/universities is required.) In addition, the ability to communicate in both English and at least one other language provides increased career opportunities and can equate to a higher pay rate when students join the workforce.

How is the Seal of Biliteracy earned at EHPS?

East Hartford High School:

In order to receive the Seal, a student must demonstrate proficiency in both English and another language. The language performance needs to be demonstrated in both academic and social use of the language in all four modes of communication (speaking, listening, reading and writing.) This applies for both native & non-native English speakers. To demonstrate proficiency, a student must:

- complete all English Language Arts requirements
- and
- for high incidence languages, demonstrate proficiency in a language other than English by scoring a minimum of Intermediate Mid (1-3) on the speaking, listening, reading, and writing components of the AAPPL (ACTFL Assessment of Performance toward Proficiency of Languages) exam
- or
- for low incidence languages, score a level comparable to Intermediate Mid on a customized

test modeling the format and test question structure of the AAPPL test using interpreters and Language Line as needed

or

- score a 3 or higher on the Advanced Placement (AP) World Language Exam.

Connecticut IB Academy:

In order to receive the Seal, a student in Grade 12 must demonstrate proficiency in both English and another language. This applies for both native & non-native English speakers. To demonstrate proficiency, a student must:

- complete all English Language Arts requirements for graduation
- and
- score a 4 or higher on the Language Acquisition IB exam.

When are the AAPPL exam and test for low incidence languages administered?

Students in grades 10, 11 or 12 who are enrolled in:

- Spanish 3 for Heritage Speakers, Spanish 4, Spanish 4H, or Chinese 4 will take the AAPPL exam.
- ESL 3 or 4 will take the AAPPL exam or the customized test (depending on their native language) in April.

Grade 11 and 12 students who are not enrolled in a World Language class or on the EL team will be invited to a Seal of Biliteracy meeting to learn more about the testing and test administration in March/April.

Where does the Seal of Biliteracy appear?

The Seal of Biliteracy appears on the high school diploma and the student transcript. If the scores are received after graduation, the Seal is mailed to the student's home to be affixed to the diploma.



DIFFERENTIATED DIPLOMAS

Diploma with Academic Distinction

The basis for receiving the Diploma with Academic Distinction in the East Hartford Public Schools is the attainment of “Top Twenty” standing in the graduating class. Determination of class rank will be based on the total quality points accumulated at the end of the seventh semester. Students must also earn the required units of credit in a prescribed course of study.

Academic Diploma

The basis for receiving an Academic Diploma in the East Hartford Public Schools is the earning of the required units of credit in a prescribed course of study.

Certificate of Completion

The basis for receiving a Certificate of Completion for certain Special Education students in the East Hartford Public Schools is the completion of a prescribed course of study involving fundamental skills, social skills, and pre-vocational skills. Students in these special programs are not required to complete the prescribed unit of credit.

PROMOTION

Students are promoted by the number of credits which they earn. Promotion is based on the following minimum requirements:

to Grade 9: Promotion from 8th grade or special decision by Planning and Placement Team.

to Grade 10: 6.50 credits

to Grade 11: 13.00 credits

to Grade 12: 19.00 credits

AP Capstone

AP Capstone is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills. AP Capstone is built on the foundation of two AP® courses — **AP Seminar** and **AP Research** — and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

AP Seminar

In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. AP Seminar is a yearlong course.

AP Research

In AP Research, students cultivate the skills and discipline necessary to conduct independent research in order to produce and defend a scholarly academic thesis. AP Seminar is a prerequisite for AP Research. AP Research is a yearlong course.



CLASS RANK

Class rank is a consideration in the admission policies of some colleges. Class rank is determined by the average total of quality points earned by the student. Quality points are earned whenever a student passes and earns credit for courses taken in grades 9 - 12 with the exception of courses graded on a Pass/Fail basis. Courses which carry quality points are those marked on an "A through "F" basis including Wellness Education. Please Note: Classes taken away from the high school campus are not factored into class rank. The following scale is used to determine rank:

Letter		Level 2	Level 1	Honors	Advanced
A+	97-100	4.0	4.0	4.2	4.3
A	93-96	4.0	4.0	4.2	4.3
A-	90-92	3.7	3.7	3.9	4.0
B+	87-89	3.3	3.3	3.5	3.6
B	83-86	3.0	3.0	3.2	3.3
B-	80-82	2.7	2.7	2.9	3.0
C+	77-79	2.3	2.3	2.5	2.6
C	73-76	2.0	2.0	2.2	2.3
C-	70-72	1.7	1.7	1.9	2.0
D+	67-69	1.3	1.3	1.5	1.6
D	63-66	1.0	1.0	1.2	1.3
D-	60-62	0.7	0.7	1.0	1.0
F	0-59	0.0	0.0	0.0	0.0
Grade Range		Level 2	Level 1	Honors	Placement

HONOR ROLL

High and General Honors will be calculated based on a Grade Point Average. The scale will be as follows:

• **General Honors 3.00 -3.59**

• **High Honors 3.60 - 4.00**

The Grade Point Average is determined by the same scale that is used for grades and "C" - (1.7) GPA eligibility rule for participating in extra curricular activities. *Please refer to the GPA Calculation link for information regarding grade point average calculations.

SPECIAL PROGRAMS

In a continuing effort to meet the diverse needs of all students, East Hartford High School offers the following special programs:

• **THE ACADEMIC HONORS PROGRAM** recognizes the specific needs of advanced learners by providing accelerated curricula, enrichment experiences and opportunities for independent study. This program seeks to enable students to earn college credit while at E.H.H.S. and to prepare them for entrance to competitive four-year universities. Ninth and tenth grade students who demonstrate readiness for advanced academic work in a subject are enrolled in honor -level courses. Upperclassmen may continue advanced coursework on Advanced Placement, UCONN Early College Experience (ECE), and other

honors courses. In all grades, students are mentored and advised by team teachers and academic honors program staff.

I. GENERAL INFORMATION CONTINUED

- **ADAPTIVE PHYSICAL EDUCATION** provides alternative activities for students with physical restrictions, limitations, or disabilities. Teachers will be guided by the students' Individual Education Plan (IEP) to provide instruction to students.
- **ADVANCED PLACEMENT (AP) EXAMS** are taken by many students upon completion of 11th and 12th grade honors courses. Many colleges offer credit and/or advanced placement for high scores on AP exams.
- **COLLEGE CAREER PATHWAYS** The College Career Pathways program at EHHS is a partnership between EHHS and Manchester Community College (MCC) where students in high school can earn free college credit for classes taken at EHHS. Students register for CCP classes and complete an online application. Students do not need to attend MCC to take advantage of this program as the credits may transfer to other colleges (check with your school counselor). A student can earn up to 18 college credits while still in high school. CCP classes include: Computer Applications II, Advanced Baking, Advanced Food Prep, Accounting II, Personal Finance II, and Automotive Systems- Engines* (* Gateway Community College).



- **THE CONNECTICUT INTERNATIONAL BACCALAUREATE ACADEMY** is an Inter-district Magnet School that offers a rigorous pre-university course of studies. Students enrolled at E.H.H.S. may register for one or more IB courses on a space available basis. The magnet school's coordinator must approve such cross registration.
- **THE CAREER SERVICES CENTER** gives students the opportunity to involve themselves in the computer-assisted study of colleges and career.
- **EARLY COLLEGE EXPERIENCE (ECE)/UNIVERSITY OF CONNECTICUT** provides academically motivated students the opportunity to take university courses while still in high school. These challenging courses allow students to preview college work, build confidence in their readiness for college, and earn college credits that provide both academic and a financial head-start on a college degree. ECE instructors, who are 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 also available to students. ECE students must complete the course with a grade C or better in order to receive university credit. University credits are highly transferable to other universities. Students are charged a \$50 per credit fee in the fall. For additional information visit:



ACADEMIC REQUIREMENTS FOR NCAA ELIGIBILITY

Division I

Full Qualifier

- Complete 16 core courses.
- Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
- Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale.
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Division II

Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale.

DIVISION I

16 Core-Course Requirements

16 Core Courses:

- 4 Years of English.
- 3 Years of mathematics (Algebra I or higher).
- 2 Years of natural/physical science (1 year of lab if offered by high school).
- 1 Year of additional English, mathematics or natural/physical science.
- 2 Years of social science
- 4 Years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

DIVISION II

16 Core-Course Requirements

16 Core Courses:

- 3 Years of English.
- 2 Years of Mathematics (Algebra I or higher).
- 2 Years of Natural/Physical Science (1 year of lab if offered by high school).
- 2 Years of additional English, Mathematics or Natural/Physical Science.
- 2 Years of Social Science
- 3 Years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

For more information, go to <https://web3.ncaa.org/ecwr3/>. Scroll down to the bottom and click on "Academics," or call the NCAA Eligibility Center at **877-622-2321**



TEST SCORES FOR NCAA ELIGIBILITY

DIVISION I FULL QUALIFIER SLIDING SCALE

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37
3.525	410	410	38
3.500	430	420	39
3.475	440	430	40
3.450	460	440	41
3.425	470	450	41
3.400	490	460	42
3.375	500	470	42
3.350	520	480	43
3.325	530	490	44
3.300	550	500	44
3.275	560	510	45
3.250	580	520	46
3.225	590	530	46
3.200	600	540	47
3.175	620	550	47
3.150	630	560	48
3.125	650	570	49
3.100	660	580	49
3.075	680	590	50
3.050	690	600	50
3.025	710	610	51
3.000	720	620	52
2.975	730	630	52
2.950	740	640	53
2.925	750	650	53
2.900	750	660	54
2.875	760	670	55
2.850	770	680	56
2.825	780	690	56
2.800	790	700	57
2.775	800	710	58

DIVISION II FULL QUALIFIER SLIDING SCALE

USE FOR DIVISION II BEGINNING AUGUST 2018

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

SUGGESTIONS FOR GOOD PROGRAM PLANNING

1. Plan to include courses from several different subject areas.

You may discover new interests and new aptitudes.

Plan for a well-rounded high school experience.

2. Desirable personality characteristics and good work habits are part of the learning process. Some time for extracurricular activities is desirable, although credit toward a diploma is not earned in this manner.

3. Consult others concerning your course selections. Your parents, teachers, and school counselors can offer helpful advice. Information gained from aptitude and achievement tests is also helpful.

- Courses are listed by department starting in section IV. Information provided includes the title, credit, and number of meeting days, prerequisites, and a brief description.
- Prerequisites must be carefully observed.
- **Courses may be taken only once for credit**, except in special cases such as music, reading, and English-as-a-Second Language offerings.
- Courses designed as advanced placement, gifted and honors require the prior approval of the appropriate department chairman, program coordinator, or school administrator.

4. Consider your abilities, interests, and goals as important factors in determining what subjects you should select.

5. Select courses in keeping with your scholastic abilities and then strive for optimum achievement. Quality is more important than quantity in the final analysis.

6. Make the most of each day. This is your education. You receive the benefits which are numerous and of permanent value.

SCHOOL COUNSELING SERVICES

School counselors help the school staff to identify special student needs and problems and keep teachers advised of non-confidential information concerning students. The counselor coordinates efforts with other specialists such as the school nurse and the school social worker when it is in the best interest of the individual.

The counselor explains how interests, aptitudes, abilities work together. Through a diversity of activities the counselor provides information about careers and about the various opportunities for post-high school education. The counselor includes facts about available technical schools, vocational programs, and military service opportunities.

The counselor assists students in selecting the subjects they want to study and in post-secondary school planning: selection of school, application for admission, and application for financial aid.

Throughout the year, arrangements are made for students to meet with representatives from colleges and post-secondary schools. Bulletins listing college representatives planning to visit the high school are distributed to juniors and seniors each month and students interested in a particular school confer in a small group with the representative.

Catalogues of various schools and colleges are on file in the College Career Readiness Center and in the counselors' offices. The Career Services Center is located in Room 122. This center provides parents and students with the opportunity to receive information on any form of post-secondary education in which they are interested. Scholarship information from various colleges and organizations can be located in Naviance under Scholarships.



The PSAT (Preliminary Scholastic Aptitude Test)

A test that measures verbal and mathematical reasoning abilities and writing skills important for success. The PSAT enables you to compare your ability to do college level work with the ability of other college-bound students. Students receive a report and a test booklet so they can review their performance. The PSAT gives you practice for taking the SAT because both tests have the same kinds of questions and similar scoring. Taking the PSAT helps you plan for college. You can get an idea of how you will do on a college admissions test and can find colleges that seek students like you. The Student Search Service enables colleges to send you information if you want to receive it. The PSAT is also the instrument that enables students to qualify for the National Merit Scholarship Program. Juniors who take the PSAT qualify for this program if they score high enough. This scholarship program is highly competitive.

• The SAT I (Scholastic Aptitude Test)

A test made up of verbal, math and writing sections. The verbal questions test your vocabulary, verbal reasoning, and understanding of what you read. The math questions test your ability to solve problems involving arithmetic, algebra and geometry. The writing section measures your ability to develop and support a position on a topic and your ability to recognize errors, improve sentences and improve paragraphs within a writing context. These verbal, writing and mathematical abilities are related to how well you will do academically in college. The SAT does not measure other factors and abilities such as creativity and motivation. SAT scores are used by colleges in comparing the preparation and ability of applicants from different high schools. Colleges also consider your high school record and other information about you in making admissions decisions. Your high school record is probably the best single indicator of how you will do in college. Students preparing for entry into four-year colleges should follow the program of studies which indicates the proper sequence of courses to take. These courses along with hard work and study should help prepare you for taking the SAT. Students who plan to attend a community college or a junior college will not have to take the SAT. Careful planning and consulting with a school counselor should be done to make certain that proper courses are being taken to reach goals that are being set.

Where The SAT is given at East Hartford High School. Students and parents should consult the SAT Registration Booklet for specific dates and other test center locations and online at www.collegeboard.org.

How Students and parents must complete the registration form and mail or online directly to College Board.

• The ACT (American College Testing)

Assessment

Measures skills in English, mathematics, reading, writing and science reasoning. These areas are tested because they include the major areas of instruction in most high school and college programs. The ACT is accepted by many colleges and universities.



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ART

BUSINESS EDUCATION

ENGLISH

FAMILY & CONSUMER SCIENCES

HEALTH/PHYSICAL EDUCATION

HEALTH OCCUPATIONS

MATHEMATICS

MUSIC

SCIENCE

SOCIAL STUDIES

TECHNOLOGY EDUCATION

WORLD LANGUAGES

EAST HARTFORD HIGH SCHOOL

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