Enfield High School/Enrico Fermi High School
Addendum to the Program of Studies: 2009-2010 School Year

There have been changes to the College Career Pathways program described on pages 16 – 19 of the Program of Studies. The revised description of the College Career pathways program is found on pages 4 - 6 of this addendum.

In the Business Department, pages 25 – 29, of the Program of Studies, the following changes have been made to course prerequisites:

- For Advanced Word Processing (514), the prerequisites are Information Processing 2 (571) or Word Processing (512)
- For Desktop Publishing (516), the prerequisites are Information Processing 2 (571) or Word Processing (512)
- For Microsoft Office 2 (557), the prerequisite is Information Processing 1 (570)
- For Information Processing 2 (571), the prerequisite is Information Processing 1 (570)

In the English Department, pages 35 – 36 of the Program of Studies, there have been changes to the course descriptions of Survey of World Literature (081) and UCONN English (082) courses. The following are the correct course descriptions:

SURVEY OF WORLD LITERATURE
Grade 11, 12
.5 Credit
(081)
Level 2

Prerequisite(s): English 9 (011, 012, or 013), English 10 (024, 025 or 026) and B or better in previous English class
In World Literature students read the poetry, plays, short stories, and novels written by some of the world's greatest authors. Students read and respond in writing to works that reflect universal themes relevant to their own lives. Students read works from various cultures in context of their history, religion, and philosophy. Students are expected to participate in discussions based on the literature in order to write to synthesize, explore and interpret ideas. This course is recommended as preparation for college. Students who elect this course are not eligible for International Authors (085).

UCONN ENGLISH
1 Credit

Prerequisite(s): English 9 (011 or 012), English 10 (024 or 025) and B Grade 12
or better in one Level 2 literature course, and Critical Writing (041) in addition to written recommendations from previous teacher(s) of (082)English. Students should have taken one of the following literature Level 1 courses: Survey of American Literature (071) or British Literature (061).
Students focus on writing in response to academic essays and literature. Students are introduced to the importance of critical reading, thinking, and writing on the college level. Students are expected to be active participants in class discussion. Students are required to read extensively and to write journals related to assigned readings the summer before entering this class. Any student who fails to complete summer work will be dropped from the course. College credit may be available for qualified students through the UCONN Early College Experience.

In the Mathematics Department, page 44 of the Program of Studies, there have been changes in the descriptions of Computer Programming 1 (141) and Computer Programming 2 (142). The following are the correct course descriptions:

COMPUTER PROGRAMMING 1
Grades 9, 10, 11, 12
.5 Credit
(141)
Level 3

Prerequisite(s): Algebra 1 (112)
Students will use a variety of methods to learn the basics of computer programming skills. The language used for the majority of the semester will be Quick Basic. Topics covered include: input/output, saving programs, loop structures, decision making, arrays, and graphics.

COMPUTER PROGRAMMING 2
Grades 9, 10, 11, 12
.5 Credit
(142) Level 2

In a continuation of Computer Programming 1, students will use Visual Basic Language An emphasis is placed on project completion. This course will cover arrays, matrices, files, and graphics.

In the Science Department, pages 57 - 58 of the Program of Studies, there have been changes in the descriptions of the AP/UCONN Science courses. The following are the correct course descriptions:

[AP BIOLOGY]
UCONN
BIOLOGY
Grades 11, 12
1 Credit
(296)
Level 1

Prerequisite(s): Teacher recommendation, B or better in Biology (211, 212, or 213), Chemistry (221), and Physics (231); Physics may be taken concurrently.
This is a college level introductory biology class. Topics include in depth study of molecular and cell structure and function, evolution, genetics, classification, ecology, plant biology, and animal anatomy and physiology. Dissection of preserved animals is required in this course. Two double labs per week are required. College credit may be available for qualified students through the UCONN Early College Experience. This course is designed to be the foundation of more advanced courses in biology and is taught as such. Students taking this course are encouraged to take the Advanced Placement Exam.

[AP CHEMISTRY]
UCONN
CHEMISTRY
Grades 11, 12
1 Credit
(297)
Level 1

Prerequisite(s): Teacher recommendation, B or better in Biology (211, 212, or 213), Chemistry (221), and Physics (231); Physics may be taken concurrently.
This is a college level introductory chemistry course. Topics include in-depth study of atomic theory; laws and theories concerning the physical and chemical behavior of gases, liquids, solids and solutions; properties of some of the more familiar elements and their compounds; equilibrium in solutions; and quantitative measurements illustrating the laws of chemical combination. Two double laboratory periods per week are required. College credit may be available for qualified students through the UCONN Early College Experience. This course is designed to be the foundation of more advanced courses in chemistry and is taught as such. Students taking this course are encouraged to take the Advanced Placement Exam.

[AP PHYSICS B]
UCONN PHYSICS
Grades 11, 12
1 Credit
(298)
Level 1

Prerequisite(s): Teacher recommendation, B or better in Physics (231), Precalculus (154 0r 155), and Chemistry (221); Chemistry may be taken concurrently.
This is a college level introductory physics course. Emphasis is placed on the basic facts and principals of physics. Topics included are mechanics, vibration and wave motion, wave optics, electricity and magnetism, thermodynamics, atomic and nuclear physics, and theory of relativity. Two double laboratory periods per week are required. College credit may be available for qualified students through the UCONN Early College Experience. This course is designed to be the foundation of more advanced courses in physics and is taught as such. Students taking this course are encouraged to take the Advanced Placement Exam.

In the World Languages Department, pages 79 - 83, of the Program of Studies, the following changes have been made to course prerequisites.

- For AP French Language (343), the prerequisites are C+ or better in French 5 (341) or teacher recommendation.
- For Spanish 5 (381), the prerequisites are B+ or better in Spanish 4 (371 or 372) or teacher recommendation.
- For Spanish 5 (382), the prerequisites are C or better in Spanish 4 (371 or 372) or teacher recommendation.
- For UCONN Spanish (395), the prerequisites are B or better in Spanish 5 (381 or 382) or teacher recommendation.

College Career Pathways

The **College Career Pathways Program** (formerly Tech Prep) is a partnership between the Enfield Public Schools and Asnuntuck Community College (ACC) which provides high school students with an opportunity to earn up to **13 college credits** and credit toward high school graduation. Participating students will be registered at ACC while in high school with complete use of all services the college offers. At the end of high school, students may request a college transcript with the courses and grades that they have earned. Students are not charged a fee to enroll in this program.

Students must earn a B- or better in the courses specified in order to obtain the college credit. Students must be enrolled in a sequential program of study that includes approved ACC courses in the following subject areas: English, Mathematics, and Science. Students must also be enrolled in one of the approved career content areas listed on the official **College Career Pathways** informational chart (page 18).

Students in this recognized **College Career Pathways** program are guaranteed admission to ACC upon graduation from high school. Credits may be transferable from ACC to any other institutions within the Connecticut College Education System.

Students must fulfill the following:

* Complete the College Career Pathways Application by November 1 of Grade 12
* Complete a minimum of 3 credits in Math (including Algebra 1, Geometry, and Algebra 2)
* Complete a minimum of 4 years of English
* Complete a minimum of 2 years of Science (including Chemistry)
* Complete a minimum of 1 year of an articulated course in Business or Technology Education or Early Child Development
* Earn a grade of B- (80) or better in individual courses to receive ACC credit hours
* Earn a high school diploma or G.E.D.

Asnuntuck Community College credits cannot be awarded unless an application is submitted by the deadline. See your school counselor for more information and an application form.

Note:

* Only articulated courses taken during Junior and Senior years will be considered for college credit as part of the College Careers Pathways program.
* Only senior students will pass in applications for the College Careers Pathways program.

College Career Pathways Articulated Courses 2008

Enfield High School
Enrico Fermi High School

ACC Courses		High School Courses	Credits
Core Courses – Math, Science, English/Communications			
CHE 111	Concepts of Chemistry	Chemistry (221)	4
CHE 121	General Chemistry I	[AP Chemistry]) UCONN Chemistry (297)	4
ENG 101	English Composition	UCONN English (082), and a 7-page MLA or APA documented research paper	3
ENG 102	English Literature	One of the following writing courses: Critical Writing (041), .5 credit Essential Writing (050) for College and Career (former title-Writing to Analyze and Persuade), .5 credit Searching and Writing (057) &(058), .5 credit And one of the following literature courses: - Survey of British Literature (081), .5 credit - Contemporary Authors (062), .5 credit - Survey of American Literature (071), .5 credit American Authors (072), .5 credit - Individual and Society (074), .5 credit - Survey of World Literature (081), .5 credit - International Authors (085), .5 credit	3
Communications and Broadcasting 101: Introduction to Mass Communication		One of the following courses: -Writing and the Media, (044) & (045) .5 credit -Writing and Speaking (087), .5 credit	3

ACC Courses		High School Courses	Credits
MAT 137	Intermediate Algebra	Algebra 2 (131), (132) & (133)	3
Business and Finance			
ACC 100	Basic Accounting	Accounting I (530), II (531)	3
BBG 101	Intro to Business	Marketing Education I (567) Marketing Education II (568)	3
CSC 101	Intro. To Computers	Microsoft Office I (556) & Microsoft Office II (557)	3
BOT 215	Word Processing Applications II	Adv. Word Processing (514) Desktop Publishing (516)	3
Government, Education, and Human Services			
ECE 101	Intro. to Early Childhood Education	Parenting & Child Dev. (810) & Child Development Lab (811)	3
Manufacturing, Communication, and Repair			
CAD 133	Mechanical Auto CAD	Computer Drafting Mechanical (713)	3

Note: If an articulation consists of two or more high school courses, students need to receive an 80 or better in each course in order to receive articulation credit. Math courses are currently under review regarding appropriate courses for credit.

In order to earn the College Career Pathways credit students must be enrolled in a sequential program of study that includes approved ACC courses in the following subject areas: English, Mathematics, and Science. In addition, students must also be enrolled in one of the approved career content areas listed. **PLEASE NOTE**: Where two or more courses are grouped, grades of B- or better must be earned in all of these courses.

Disclaimer:
Although the content of this section of the Program of Studies is correct at the time the Addendum is published, the College Careers Pathways Program is subject to change by the Connecticut State Board of Education and by Asnuntuck Community College.