



ADDENDUM TO THE BUNKER HILL COMMUNITY COLLEGE 2012-2013 CATALOG

ARTICULATION AGREEMENTS

Under Associate in Science:

A.S. Engineering Transfer Option

Wentworth Institute of Technology – Engineering

GRIDS

#33: Page 88-Medical Office Information Specialist Certificate Program (Fast Track)

- Note under grid: *NHP180 course description is found under Allied Health.

#39: Page 94-Web Development Option

- Please see revised grid ([View Grid](#))

#41 Page 96-Web Development Certificate Program

- HTML and Dreamweaver (CMT111) has a corequisite of Cascading Style Sheets (CMT125)

#42 Page 97-Web Development in Entrepreneurship Certificate Program

- HTML and Dreamweaver (CMT111) has a corequisite of Cascading Style Sheets (CMT125)

#48: Page 103-Education Concentration

- Course Title and Number: Principles of Biology I/Lab (BIO105) or Human Biology/Lab (BIO108)

Page 104 – Electric Power Utility Program – A Partnership with NSTAR

- Admissions Requirement 3: Complete Foundations of Algebra (MAT097) or place into Intermediate Algebra (MAT099)

#103: Page 163-Graphic Design Option

- Design Communications I (VMA232) has a prerequisite of only Digital Publishing with InDesign (VMA131)

COURSE DESCRIPTIONS

Page 179 – CMT111/ HTML & Dreamweaver

3 Credits

- Prerequisite: Co-requisite Cascading Style Sheets (CMT125)

Page 181 – CRJ202/ Evidence/ Court Procedures

3 Credits

- Prerequisites: Grade of C or better in College Writing I (ENG111), Introduction to Criminal Justice (CRJ101) and Criminal Law (CRJ103)


Page 199 – MAT231/ Calculus for Management Science

4 Credits

- Prerequisite: Grade of C or better in College Algebra STEM (MAT194)

Page 211 – SON123/ General Sonography Clinical II

3 Credits

- This course is the hands on application of ultrasound in the hospital setting. Scanning skills are developed during this clinical. Students will be performing supervised ultrasounds and present daily cases to sonographers and or physicians. Students will become acquainted with the responsibilities needed to work in the ultrasound setting. Clinical will take place 3 days a week. Prerequisite: general Sonography Clinical I (SON121). Co-requisite: General Sonography Clinical III (SON223)
- **The following courses offer sustainability sections. You can find descriptions of these courses in the on-line catalog with their titles in green font with the sustainability leaf symbol .**
- CIT250 Collaboration, Communication & Integration in MS Office Applications
- BIO196 General Biology II & lab
- CIT113 Information Technology Problem Solving
- ECE102 Issues in Early Childhood Education
- ECE103 Child Growth and Development
- ECE104 Curriculum in Early Childhood Education
- ECE106 Program Environments Early Childhood Education
- ECE110 Science Concepts & Learning for Children
- ECE112 Families/Community in Early Childhood Education
- ENV105 Environmental Science I/ Lab
- ENV110 Sustainability and Resource Conservation/ Lab
- MAT181 Statistics I
- PSY101 Principles of Psychology

GENERAL EDUCATION REQUIREMENTS

In the fold-out section – REQUIREMENT 3: World View

- HIS112 World Civilization from 1500



39 Web Development Option

COURSE TITLE	COURSE NUMBER	SEMESTER TAKEN	CREDITS	PREREQUISITES
College Writing I	ENG111		3	ENG095 or placement and ESL098 or RDG095 or placement
College Writing II	ENG112		3	ENG111
Individual and Society	From Area 2		3	
Intro to Mass Media	VMA111 satisfies Area 3		3	ENG095 and MAT093
Quantitative Thought	From Area 4		3	MAT097 or placement
Science and Technology	From Area 5		4	
Humanities	From Area 6		3	
Oral Communication	ENG171		3	
Applications/Concepts	CIT110		3	ESL098 or RDG095 or placement
SQL Programming	CIT236		3	CIT110, CIT113 or CIT120 or chair approval
HTML and Dreamweaver	CMT111		3	coreq CMT125
Javascript	CMT113		3	CIT110 and CMT111
Flash	CMT115		3	CMT113
XML	CMT117		3	CMT111
Cascading Style Sheets	CMT125		3	coreq CMT111
XSL	CMT211 - see note		3	CMT111 and CMT117
ASP.NET	CMT215		3	CMT113 and CIT128 or CIT236
PHP/MySQL	CMT241		3	CMT111 and CIT236
Windows Operating Systems	CIT268		3	CIT110 or CIT112 or CIT113 or CIT120 or instructor or chair approval
Digital Imaging with Photoshop	VMA105		3	ENG095 and MAT093 or placements
Internship	CIT299N		3	chair approval
TOTAL CREDITS			64	

Note: Prior to enrolling in course, student must see Department Chairperson.

OPTION OVERVIEW

This program prepares students for entry-level positions in firms that specialize in web-based delivery and development of products, services, and web technologies. Additionally, students may fill entry-level positions in businesses that employ in-house staff to support and develop their own web delivery mechanisms for such support services as company directories and real-time content presentation. The program also provides students with a sound basis to enter the ever-growing opportunities available for independent web development consulting. Students are trained in the concepts and applications of leading-edge web delivery mechanisms such as XML (Extensible Markup Language), XML Transformation languages, ASP.net, advanced graphical techniques and database incorporation into web delivery technologies. The program prepares students to apply their knowledge towards the pursuit of Webmaster certification through a certification agency.

CAREER OUTLOOK

Graduates of this program will qualify as web developers and for web development support positions, and will have a solid basis for pursuing certification as a Webmaster.

UPON COMPLETION OF THIS OPTION, GRADUATES WILL BE ABLE TO:

- Design, implement, publish, and maintain websites in support of creating a web presence for businesses and organizations.
- Create animated, event driven multimedia content for web delivery.
- Construct, extract, transform, and present database resident content directly into a web delivery mechanism.
- Construct event driven action scripts within a web page to respond to user stimulations and provide dynamic results in a real time environment.