

Web Development and Design

AA Degree #1810 (64 credits)

Certificate # 1450 (36 credits) (**bold and underlined**)



Technology Division NAME: _____ Advisor: _____

One 3 credit Diversity (D) course is required; One 1 credit PE/Wellness (W) course is required. See HACC website, <http://www.hacc.edu/academics/coursesandprograms/generaleducationcourses/index.cfm>, for a current list of diversity and wellness courses.

Developmental Courses as determined through College Placement Testing:

Please note: 0-level courses do not transfer and do not count toward graduation requirements; however, they are required to enter college level courses.

Any ENGL ESL classes ENGL 002 ENGL 050 _____* MATH 020
 ENGL 001 ENGL 003 ENGL 051 MATH 010 MATH 051

*** (Placement below Math 010 options: study and successfully retest- College fees apply; Take HD 107/retake math placement test (no fee for retest) and successfully place MATH 010 or higher)**

- Notes:** Before entering the program, it is suggested that students have computer literacy experience equivalent to WEB 102 and CIS 105, otherwise those courses should be taken as electives.

Suggested Sequence of Course

Semester I Courses and Pre/Co Requisites		Credits
_____ (CIS 105 and/ or WEB 102)	Computer or WEB Elective (if needed; if not, take electives in Sem. III or IV)	(3)
_____ WEB 110	Web Site Publishing	3
_____ WEB 125	HTML, XML, and JavaScript	3
_____ WEB 130	Web Design and Multimedia	3
_____ WEB 143	Web Application Development (Previous programming experience helpful)	3
_____ ENGL 101	English Composition I Pre: ENGL 051 with C or higher & Co: ENGL 003	<u>3</u>
Total Credits		15

Semester II

_____ ENGL 102 or ENGL 104 or ENGL 106	Composition II or Report and Technical Writing or Written Business Communication	Pre: ENGL 101 & ENGL 003 with C or higher Pre: ENGL 051 & ENGL 003 with C or higher Pre: ENGL 051 & ENGL 003 with C or higher	3
_____ AOS 202	Project Management or Management 227		3

DEVELOPER OPTION

OR

DESIGNER OPTION

_____ WEB 126	XML eXtensible Markup Language	_____ WEB 133	Web Design Theory	3
_____ WEB 240	JavaScript Programming	_____ WEB 135	Web Design with Raster Images	3
_____ Pre: WEB 102 or 125 or 143 with grade "C" or higher		_____ WEB 121	Electronic Commerce	<u>3</u>
_____ WEB 247	C#. NET or Programming elective ¹ Pre: WEB 143 with grade of "C" or higher	Total Credits		15

Summer

_____ _____	Physical Education Elective ²	1
_____ _____	Core B Elective (Diversity elective suggested as either Core A or Core B)	<u>3</u>
Total Credits		4

Semester III

_____ SPCH 101	Effective Speaking	Pre: ENGL 051 & ENGL 003 with C or higher	3
_____ _____	Core A Elective (Diversity elective suggested as either Core A or Core B)		3

DEVELOPER OPTION

OR

DESIGNER OPTION

_____ WEB 253	ASP.NET Active Server Pages	_____ WEB 230	Web Design with Animation	3
_____ Pre: WEB143 or CIS 238 with grade of "C" or higher		_____ Pre: WEB 130 with grade of "C" or higher		
_____ WEB 260 or _____	Web Server Administration, or CIS 223, 264, or 265	Or _____ WEB 233	Web Multimedia Production	
_____ Pre: WEB 143 or CNT 120 with grade of "C" or higher		_____ WEB 138	Web Design with Vector Images	3
_____ CIS 245	Database Programming	_____ _____	Design Elective: Any WEB course	<u>3</u>
Total Credits				15

Summer IV

_____ WEB 268	Capstone Web Project - Prerequisite WEB 130 and 143 with grade of "C" or higher	3
_____ Computer Elective	Any WEB, CIS, CISE, CNT or GIS course – check catalog for prerequisite	3
_____ Free Elective ³		3
_____ Major Elective	ART 105, MKTG 201 or 235, MGMT 121 or 201, or any WEB course (Internship Recommended)	3
_____ _____	Core C Elective	<u>3</u>
Total Credits		15

Advising Comments

¹ Programming Electives include WEB 247, WEB 255, WEB 256, CIS 238, or CPS 121.

² A one (1) credit PE/Wellness course is required. See HACC website, <http://www.hacc.edu/academics/coursesandprograms/generaleducationcourses/index.cfm>, for a current list of diversity and wellness courses.

³ Students may choose any 100-200 level courses so long as they do not exceed the credit limits on courses in physical education, military science, or experience.

A collective GPA of 2.0 or higher is required in all elective and required WEB courses in order to graduate.

**Classes that have been renumbered:

OLD

WEB 141
WEB 205
WEB 210
WEB 222
WEB 243

NEW

WEB 240 JavaScript
WEB 121 E-Commerce
WEB 135 Photoshop-Web Design with Raster Images
WEB 126 XML
WEB 143 Visual Studio.net

**The following courses will meet the corresponding WEB requirements, but WEB classes are preferred!

ART 105 or WEB 133 Web Design Theory
ART 176 or WEB 135 Web Design with Raster Images
ART 108 or WEB 138 Web Design with Vector Images
MKTG 201 or 235 or WEB 121 Electronic Commerce

Contacts:

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