



**Web Development and Design \*\*\*\*\* Effective Fall 2008\*\*\*\*\***

AA Degree #1810 (64 credits)

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

Business, Hospitality, Engineering and Technology (BHET) NAME: \_\_\_\_\_ Advisor: \_\_\_\_\_

**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 005\*      \_\_\_\_ MATH 020\*  
 \_\_\_\_ ENGL 001\*      \_\_\_\_ ENGL 003\*      \_\_\_\_ ENGL 051\*      \_\_\_\_ MATH 010\*      \_\_\_\_ MATH 051\*

**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.
- ART 105 and ART 108 are highly recommended courses.

**Suggested Sequence of Course**

**Semester I Fall 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
____	<b><u>WEB 110</u></b>	Web Site Publishing		3
____	<b><u>WEB 125</u></b>	HTML, XML, and JavaScript		3
____	<b><u>WEB 130</u></b>	Web Design and Multimedia		3
____	<b><u>AOS 202</u></b>	Project Management or Management 227		3
____	ENGL 101	English Composition I		3
<b>Total Credits</b>				<b>18</b>

**Semester II Spring**

____	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	3
____	<b><u>WEB 143</u></b>	Web Application Development	Pre: ENGL 051 & ENGL 003 with C or higher	3

**DEVELOPER OPTION**

or

**DESIGNER OPTION**

____	<b><u>WEB 126</u></b>	XML eXtensible Markup Language	____	<b><u>WEB 133</u></b>	Web Design Theory or ART 105	3
____	<b><u>WEB 240</u></b>	JavaScript Programming	____	<b><u>WEB 135</u></b>	Web Design with Raster Images or ART 176	3
____	<b><u>WEB 247</u></b>	C#, NET, or Programming elective <sup>1</sup>	____	<b><u>WEB 121</u></b>	Electronic Commerce or MKTG 201 or 235	3
____		Pre: WEB 102 or 125 or 143 with grade "C" or higher Pre: WEB 143 with grade of "C" or higher				
<b>Total Credits</b>						<b>15</b>

**Summer**

____	____	Physical Education Elective <sup>2</sup>		1
____	____	Core B Elective		3
<b>Total Credits</b>				<b>4</b>

**Semester III Fall**

____	SPCH 101	Effective Speaking		3
____	____	Core A Elective		3

**DEVELOPER OPTION**

or

**DESIGNER OPTION**

____	<b><u>WEB 253</u></b>	ASP.NET Active Server Pages	____	<b><u>WEB 230</u></b>	Web Design with Animation	3
____	<b><u>WEB 260</u></b> or	Web Server Administration, or CIS 223, 264, or 265	____	<b><u>WEB 233</u></b>	Web Multimedia Production	
____	<b><u>CIS 245</u></b>	Database Programming	____	<b><u>WEB 138</u></b>	Web Design with Vector Images or ART 108	3
____		Pre: WEB143 of CIS 238 with grade of "C" or higher	____		<b><u>Design Elective:</u></b> Any WEB course	3
____		Pre: WEB 143 or CNT 120 with grade of "C" or higher	____			
<b>Total Credits</b>						<b>15</b>

**Summer IV Spring**

____	<b><u>WEB 268</u></b>	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 <sup>3</sup>			3
____	Major Elective	ART, 105, MKTG 201, 235, MGMT 121 or 201, or any WEB course		3
____	____	Core C Elective		3
<b>Total Credits</b>				<b>15</b>

For more information – visit our web site at <http://www.hacc.edu/index.cfm?page=academics.welcome>  
10/08 gmbm

## Advising Comments

<sup>1</sup> Programming Elective includes WEB 247, WEB 255, WEB 256, CIS 238, or CPS 121

<sup>2</sup> (W) designates PE & Wellness; Physical Education and Wellness course needs to meet (W) requirement; select from the following courses: PE 119, 131, 135, 137, 138, 139, 141, 142, 143, 165, 166, 169, 178, 179, and 180.

<sup>3</sup> 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.

(D) designates Diversity; one 3 credit diversity course is required for every AA/AS/AAS degree offered at HACC; select from the following courses; ANTH 201, 205, 210, ARCH 121, 293, 295, 297, ART 181, 182, 188, BUSI 230, CJ 240, ENGL 205, 206, 217, 265, 269, FRCH 201, 202, GEOG 201, 230, GRMN 201, 202, GP 205, 208, HIST 101, 102, 110, 205, HRIM 151, HUM 113, 114, 116, 216, 228, 229, HUMS 206, NURS 103, 103A, 103B, 205, 205A, 205B, PHIL 200, SOCI 201, 202, 203, 205, SPAN 201, 202, TOUR 125, THTR 224

A grade of "C" or higher is required in all computer related courses.

\*\*New Class Conversions: Some classes are in the process of being renumbered ... see below for class numbers.

### 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

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