



## Certificate 1450 Web Development and Design

30 Credits

Effective Fall 2018

*This is an overview of the program. Any suggested course sequencing is meant to serve as a guideline for your semester planning. Students are expected to see their assigned advisor to develop and review their individual educational plans. The scheduling of courses, program sequencing and curriculum are subject to change.*

### Developmental Courses (as determined through College Placement Testing)\* and Prerequisites:

\* Zero level courses must be completed with a C grade or higher.

<input type="checkbox"/>	ESL classes	<input type="checkbox"/>	Engl 050				
<input type="checkbox"/>	Engl 002	<input type="checkbox"/>	Engl 051				
<input type="checkbox"/>	Engl 003	<input type="checkbox"/>	Engl 057				
<input type="checkbox"/>	Engl 007						

\*See counselor/advisor to discuss this course or options to self-remediate and successfully place into higher- or college-level course.

### Required Program Courses

<b>WEB 101</b>	3cr	Web Program Introduction	Prerequisites: ENGL 057 or a combination of ENGL 003, or 007 and ENGL 051 with a grade of C or higher; Eligibility for enrollment into ENGL 101
<b>WEB 110</b>	3cr	Web Site Publishing	Prerequisites: None
<b>WEB 125</b>	3cr	HTML and CSS	Prerequisites: None
<b>WEB 130</b>	3cr	Multimedia Fundamentals	Prerequisites: None
<b>Web 133</b>	3cr	Design Fundamentals	Prerequisites: None
<b>WEB 143</b>	3cr	Development Fundamentals	Prerequisites: CIS 110; or WEB 101 or 102 with a grade of C or higher. Co-requisite: WEB 125.
<b>WEB 240</b>	3cr	JavaScript Programming	Prerequisites: WEB 125 with a grade of C or higher. Co-requisite: WEB 143

### Choose one of the concentrations below:

#### Interactive Web Media Concentration (Code)

WEB 135	3cr	Raster Imaging & Photography	Prerequisites: None
WEB 138	3cr	Vector Imaging & SVG	Prerequisites: None
WEB 225	3cr	Responsive Design & Typography	Prerequisite: WEB 125 & 133 with grades of C or higher

#### Web Application Developer Concentration (Code)

CIS 245	3cr	Database Programming	Prerequisite: CIS 140 or WEB 143 with a C or higher
WEB 245	3cr	Advanced Development	Prerequisite: WEB 143 with a grade of C or higher
WEB 253	3cr	Introduction to Windows Development	Prerequisite: WEB 143 with a grade of C or higher

### Advising Notes

Students must achieve a collective average GPA of 2.0 or higher in all required WEB Program and WEB Concentrations courses in order to graduate.

### Recommended Sequence For Full-Time Students

Part-time students can complete this program by taking one or more courses each semester.

#### Interactive Web Media Concentration

Semester 1		Semester 2	
WEB 101	3	WEB 133	3
WEB 110	3	WEB 135	3
WEB 125	3	WEB 138	3
WEB 130	3	WEB 225	3
WEB 143	3	WEB 240	3

**Recommended Sequence For Full-Time Students**

Part-time students can complete this program by taking one or more courses each semester.

**Web Application Developer Concentration**

<b>Semester 1</b>		<b>Semester 2</b>	
WEB 101	3	CIS 245	3
WEB 110	3	WEB 133	3
WEB 125	3	WEB 240	3
WEB 130	3	WEB 245	3
WEB 143	3	WEB 253	3

**Counselor/Advisor Contact Information by Campus:**

<b><u>Gettysburg</u></b>	<b><u>Harrisburg</u></b>	<b><u>Lancaster</u></b>	<b><u>Lebanon</u></b>	<b><u>York</u></b>
Student Services	Counseling and Advising	Counseling and Advising	Receptionist Desk	Counseling and Advising
Lobby	Cooper 219	221 Main	Lobby	Leader Suite 104
717-337-3855	717-780-2498	717-358-2988	717-270-4222	717-801-3213