

# Web Development Option A.A.S.

## Degree Type

A.A.S.

This degree gives students an introduction to software applications and instruction in designing and developing web sites using current technologies and authoring tools. Students are exposed to the latest technologies and development platforms. Moving beyond basic HTML, web development students learn how to use industry-standard software packages to create multimedia web presentations that work on any computer.

Students also learn how to integrate databases into their projects, to create dynamic web environments that change at the direction of the end user. Students who successfully complete the following courses can be awarded this degree.

Students must adhere to prerequisite courses as described in the course descriptions in this catalog.

## First Semester

Course Number	Title	Credits
ARTC 1313	Digital Publishing I	3
BCIS 1305	Business Computer Applications	3
IMED 1316	Web Design I	3
ITSE 1311	Beginning Web Programming	3
ITSW 1307	Introduction to Database	3

## Second Semester

Course Number	Title	Credits
ARTC 2313	Digital Publishing II	3
INEW 2334	Advanced Web Programming	3
ITSC 1391	Special Topics in Computer and Information Sciences, General (APP3 Development)	
ITSE 2313	Web Authoring	3
ITSC 1315	IT Project Management	3

## Third Semester

Course Number	Title	Credits
COSC 1336	Programming Fundamentals	3
ITSY 1300	Fundamentals of Information Security	3
PHIL 2306	Introduction to Ethics	3
ENGL 1301	Composition I	3
MATH 1342	Elementary Statistical Methods	3

## Fourth Semester

\* ITSE 2286 Internship: Students work 7-12 hours each week at an approved place of employment.

Course Number	Title	Credits
ITSE 2310	iOS Application Programming	3
	SPCH 1321	3
ENGL 2311	Technical & Business Writing (single-semester course)	3
	Social and Behavioral Science	3
ITSE 2286	Internship, Computer Programming/Programmer	2
POFT 1120	Job Search Skills	1
<b>Total Credits</b>		<b>60</b>