



## WEB DEVELOPMENT TECHNOLOGIES

### Length of Program

Web Development Specialist  
Associate of Applied Science Degree  
4 Semesters

The Web Development Specialist program emphasizes web construction from the ground up while providing valuable presentation, negotiation and collaboration skills needed for success in today's information-driven world. Graduates can develop, deploy, market and maintain dynamic websites for a variety of client needs, including e-commerce, promotional, and informational sites. Advanced students develop portals for business, industry, and government, as well as educational and nonprofit websites. The program is designed for individuals who would like to work as an independent contractor providing web development services or work for an organization that can benefit from Internet solutions.

The two-year program assumes an intermediate level of computer knowledge at the beginning of the program. Students may demonstrate this level of knowledge with an IC3 certification, successfully passing CIS 101 with a grade of "B" or better, or equivalent training and expertise demonstrated by passing a challenge exam.

Upon completion of an Internet portfolio, your degree requirements, and successfully passing industry certification exams, you will be prepared to gain access to high-tech jobs. Positions available to graduates include webmaster, web application developer, Internet database administrator, independent Internet developer, Internet/Intranet developer, web administrator, or web editor.

### Program Costs

In addition to the semester registration fees, a Web Development Technologies student can expect to spend approximately \$600 on books and supplies, \$400 on software and hosting services, and \$500 on certification exams.

### Industry Partners & Certifications

Eastern Idaho Technical College's Web Development Specialist curriculum is mapped to industry certifications with our academic partners including Certified Internet Webmasters, World Organization of Webmasters, Macromedia, Microsoft and Sun Microsystems.

## Web Development Specialist

Associate of Applied Science Degree

65 Credits

### Semester 1

CIS 145	Internetworking Technologies	4
BOT 151	Leadership I	1
OFP 227	Database Management	3
CIS 231	Web Page Design	3
MKT 112	Introduction to Marketing	3
	General Education Course	3-4

### Semester 2

BOT 152	Leadership II	1
CIS 235	Advanced Web Site Design	3
CIS 236	Web Development Tools	3
CIS 239	Advanced Data Management	3
ELC 203	Introduction to Computer Programming	3
	General Education Course	3-4

### Semester 3

CIS 234	Computer Assisted Graphics	3
CIS 238	Database Driven Websites	3
MKT 120	Marketing on the Internet	3
	General Education Courses	6-7

### Semester 4

OFP 230	Desktop Publishing	3
BOT 216	Supervised Work Experience	3
CIS 240	Emerging Technologies of the Internet	3
CNT 261	Managing and Maintaining a Microsoft Network Server Environment	4
	General Education Course	3-4

### Required General Education Courses

COM 101	Fundamentals of Speech	3
ENG 101	English Composition	3
MAT 123	Mathematics in Modern Society	4
PSY 101	Introduction to Psychology	3 *
SOC 101	Introduction to Sociology	3 *

\*Student may petition to take an alternate general education course in lieu of either PSY 101 or SOC 101 only. See page 16

### Enhancements

BOT 251	Leadership III	1
BOT 252	Leadership IV	1
CNT 257	Secure Web Access Using Microsoft Proxy Services	2
OCR 105	Occupational Relations	3

