

IT-WEB SOFTWARE DEVELOPER

Associate Degree
10-152-4

The IT-Web Software Developer Associate of Applied Science Degree meets the specific skills and knowledge requirements of technical and professional jobs within the information technology field for Web Development specialists including analyst/programmer, e-Commerce, or Web design/support. It is designed to meet entry-level education needs of most segments of the IT field which utilize a variety of computers. Training blends general educational development and required IT technical skills. Graduates are prepared for entry-level Web developer jobs in government, insurance, manufacturing, service, software development, wholesale and retail sales, utilities, banking and accounting.

Program Outcomes

- Design software systems
- Integrate database technologies
- Develop software applications
- Develop technical documentation
- Demonstrate work ethics and reliable behavior including, but not limited to, assuming responsibility for decisions and actions, utilizing time and stress managements skills, and displaying initiative
- Work as a team member by demonstrating good communication and listening skills, cooperation, and providing a supportive environment
- Demonstrate an understanding of the IT field and its job roles

View the entire course listing (<http://catalog.blackhawk.edu/courses>).

Semester 1		Credits
631-100	Microcomputer Fundamentals	3
631-101	PC Software Fundamentals	3
631-102	PC Peripherals and Troubleshooting	3
631-106	IT Customer Service Fundamentals	3
631-111	PC Hardware Assessment	1
801-195	Written Communication	3
Credits		16

Semester 2		Credits
152-157	Website Development-XHTML/CSS	3
152-119	Introduction to Programming with JavaScript	3
152-163	Relational Database Design	3
631-123	Malicious Software Fundmtls	3
804-133	Math and Logic	3
Credits		15

Semester 3		Credits
152-142	Introduction to .NET Programming	3
152-147	Relational Database Development	3
152-167	AJAX and JavaScript Website Development	3
152-182	Web Analyst Field Study	1
809-198	Introduction to Psychology	3

801-196	Oral/Interpersonal Communication	3
Credits		16
Semester 4		
152-148	Relational Database Coding	3
152-158	Advanced Website Development	3
152-161	Web Application Development Using ASP.NET	3
152-164	Design and Implementation Projects	3
809-196	Introduction to Sociology	3
Credits		15
Total Credits		62

General Education Courses Within Program

Code	Title	Credits
801-195	Written Communication	3
801-196	Oral/Interpersonal Communication	3
804-133	Math and Logic	3
809-196	Introduction to Sociology	3
809-198	Introduction to Psychology	3