



IT - Web and Software Developer

64-credit Associate of Applied Science Degree

www.wctc.edu/web-software

If you have a technical mindset, love working with the internet and are interested in programming, a career in software and web development might be right for you. Developers have extensive programming skills, knowledge of technical terminology and a solid understanding of computer languages essential to creating easy-to-navigate web pages. Good problem-solving skills are also critical.

About This Program

Creating interactive, inviting and functional web applications requires the skills of a web and software developer. Learn to develop software solutions using multiple programming languages, tools and frameworks. Apply design patterns, object-oriented analysis and SOLID principles to create robust and scalable applications. Explore web server administration and mobile application development.



Career Salaries

\$47,300 - \$100,000+ annually

Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.

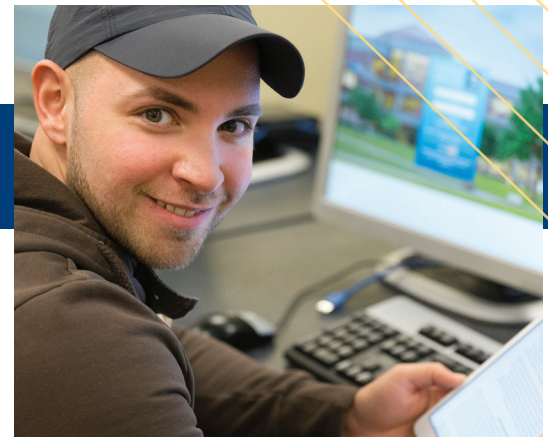


Potential Careers

Back-end Developer
Software Developer
Mobile App Developer
Systems Analyst
Java Developer

What Makes This Program Unique

- Create databases, web applications, web services, Internet of Things (IoT) solutions and mobile applications.
- Develop real-world applications for on-campus customers, and gain industry experience through an internship.
- Earn two degrees in three years by combining IT - Web and Software Developer with IT - Database Specialist. Learn more about this dual degree option.



PROGRAM CODE 10-152-7

CORE COURSES

CORE COURSES		Credits
107-102	IT Support	2
107-119	System Analysis Agile Methods	3
107-137	IT Internship	1
152-103	Mobile Application Development	2
152-105	Intro to Web Development	2
152-108	Web Server Administration	2
152-109	.Net Web Development	4
152-112	Intro to Programming with C#	3
152-130	Introduction to Java	2
152-131	Software Architecture	2
152-145	Advanced Web Services Developm	2
152-168	JavaScript	3
152-170	IS Project	4
152-179	JavaScript 2	4
152-197	Distributed Java	3
156-101	.Net Database Programming	3
156-108	Intro to Databases & Reporting	1
156-109	Intro to SQL	2

GENERAL STUDIES

801-136	English Composition 1	3
801-197	Technical Reporting	3
801-198	Speech	3
804-133	Math & Logic	3
809-143	Microeconomics	3
809-199	Psychology of Human Relations	3
890-108	Employment Success	1



WAUKESHA
COUNTY TECHNICAL
COLLEGE

Hands-on
Higher Ed