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
To create interactive, inviting and functional web pages requires the skills and talents of a web and software developer. In this program, learn to develop applications using different web development languages. Apply structured design, design patterns, object-oriented analysis and design practices to applications and systems. Gain an introduction to networking and mobile device application development.

What Makes This Program Unique
• Complete the program with a capstone system project and an internship experience that provides technical, hands-on learning in a real-world setting.
• IT associate degree program students take similar courses in the first semester; if you decide on a different IT program, you may switch with minimal credit loss.
• The IT Student Center provides a wealth of resources for students to practice their skills, complete group projects and work with mentors.
• Involvement in the BIT Connections Club allows members to share and expand upon IT skills through service learning projects, emerging technology exploration, aspects of global business technology and professional development opportunities.
• This program offers hands-on development with a variety of hardware, tools and devices to provide a multifaceted approach.

Career Salaries
$61,000 – $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
• Application Software Developer
• Application Programmer
• Software Analyst
• Software Engineer
• Programmer Analyst

PROGRAM CODE 10-152-7
Credits

CORE COURSES:
107-102 IT Support 2
107-119 System Analysis Agile Methods 3
107-137 IT Internship 1
152-105 Intro to Web Development 2
152-108 Web Server Administration 2
152-109 .Net Web Development 4
152-115 Database Concepts 3
152-135 Advanced Java Programming 4
152-138 Java Programming 3
152-142 Mobile Application Development 3
152-168 JavaScript 3
152-170 Information Systems Project 4
152-171 Advanced Web Services Develop 3
152-179 JavaScript 2 4
152-197 Distributed Java 3
156-101 .Net Database Programming 3

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

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WCTC prohibits discrimination or harassment based on any status protected by applicable state or federal law.

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