

**GREEN RIVER COLLEGE
 CERTIFICATE OF PROFICIENCY
 INFORMATION TECHNOLOGY-
 WEB APPLICATION DEVELOPMENT**



40 Credits

The Web Application Development certificate program is for anyone who has earned an associate’s or bachelor’s degree and is interested in learning how to build modern websites and web applications. This certificate program is designed to prepare students for continued studies in the Bachelor of Applied Science in Information Technology: Software Development degree program and for employment as an entry-level web developer or software developer familiar with the best practices in industry.

Students must earn a cumulative GPA of at least 2.5. All of the courses in this certificate program apply towards the Bachelor of Applied Science in Information Technology: Software Development degree.

Entry Requirements:

To enter this certificate program, students must have earned an associate’s degree or bachelor’s degree from a regionally accredited institution. The following coursework, or equivalent work experience, in all of these areas, are strongly recommended before entering this program as the courses in this program build on programming fundamentals.

IT 201	Database Fundamentals
IT 206	Front-End Web Development Web
IT 207	Programming with JavaScript
IT 219 or	Programming 1 or
CS& 141	Computer Science I – Java
IT 220 or	Software Development Methods or
CS 145	Java 2 Data Structures

You must apply for, and be accepted into, the program before you can register for any upper-division (300- and 400-level) courses. For more information about this degree please visit www.greenriver.edu/software or contact an Information Technology program advisor at itdegrees@greenriver.edu.

Dept./No.	Course Title	Credits
Core Requirements		
IT 301	Systems Programming	5
IT 305	Web Development Frameworks	5
IT 328	Full Stack Web Development	5
IT 333	Data Structures	5
IT 334	Algorithms	5
IT 355	Agile Development Methods	5
IT 372	Software Maintenance and Evolution	5
IT 426	Design Patterns and Practices	5

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