

Program - Web Development

JumpStart Pathway - Information Technology

Course-Fall JavaFundamentals (ComputerServTech 2P) - 2 credits

Course-Spring Advanced Java Script 2P - 2 credits

10th, 11th and 12th grade



DO YOU WANT TO EXPLORE THE WORK OF A COMPUTER PROGRAMMER WHILE IN HIGH SCHOOL? WOULD YOU LIKE TO EARN CREDENTIALS THAT ARE VALUED BY CORPORATE IT TEAM MEMBERS?

Program Description:

Students taking classes in the Web Development Program will work toward earning the Jumpstart advanced credential - CIW certification for **Web Development Specialist**. To earn this credential, students will first earn certificates for *Java Script Specialist*, *Perl Specialist* and *Database Design Specialist*. Students will be practicing and writing code as they learn about common programming practices and develop computing skills.



JavaScript Specialist - students will learn how to use JavaScript to communicate with users, to animate images, create cookies, and communicate with databases.

Perl Specialist - students will learn Perl language essentials, Perl code development, and practice Web site implementation, including database connectivity and debugging techniques.

Data Base Design Specialist - students will learn about logical and physical database design, Structured Query Language (SQL), relational algebra and database security.

Workers in Computer Technology with Associates Degree can earn from \$50,000 each year.
(www.bls.gov)

Earn all three certifications and you earn the **Web Development Specialist Certificate**.

Opportunities for the Future might include:

- Web developers - Software developers - Full-stack developers
- Web Designers - Application programmers
- Client/server developers - Desktop publishers

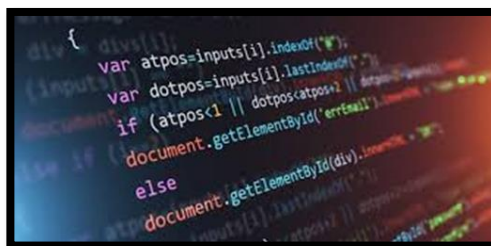
Certifications

JavaScript Specialist, (Basic)

Perl Specialist, (Basic)

Database Design Specialist (Basic)

Web Development Specialist (Advanced)



Training After High School

University Programs – Bachelor of Science in Computer Science or Associates Degree in Information Technology through our Community Colleges.

Information for this page compiled from <https://www.louisianabelieves.com/resources/library/jump-start-graduation-pathways> <https://www.bls.gov/ooh/computer-and-information-technology/home.htm>
<https://www.ciwcertified.com/ciw-certifications/web-development-series/web-development-professional>

The mission of Cuillier Career Center is to provide rigorous training in the career and technical skills that will prepare students to join a competitive workforce as leaders and skilled workers ready to succeed in their chosen careers and in our community.