

# WEB APPLICATION DEVELOPMENT, SHORT-TERM CERTIFICATE



Short-term certificate in Web Application Development. Students will explore current technologies to analyze, design, develop, implement and test database driven Web applications. Skills acquired will prepare students for jobs as Web, Application, PHP, ASP.NET and Web 2.0 developers.

**Program contact:** Learn more

**This certificate will be automatically awarded when the certificate requirements are completed. If you do not want to receive the certificate, please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.**

Learn more about how certificate credits apply to the related degree.

## Program Admission Requirements

- High School Diploma/GED not required, but highly recommended.
- ENG-0995 Applied College Literacies or appropriate score on English Placement Test.
- MATH-0965 Intermediate Algebra or MATH-1240 Contemporary Mathematics or appropriate score on Math Placement Test.

## Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

1. Engage in directed work as a member of diverse software development and/or support team.
2. Analyze, design, develop and test web applications to address specified business problems using high-level languages, technologies and appropriate methodologies.
3. Prepare, test and deploy a web application within a given platform(s) and framework(s) following legal and ethical guidelines.
4. Troubleshoot web application issues to determine the best solution to satisfy the customer.

## Suggested Semester Sequence

Summer Start		Credit Hours
IT-1025	Information Technology Concepts for Programmers	3
IT-1050	Programming Logic	3
Credit Hours		6

### First Semester

IT-1150	Introduction to Web Programming	3
IT-2351	Enterprise Database Systems	4
IT-2650	Java Programming	4
Credit Hours		11

### Second Semester

IT-2320	Interactive Internet Programming	4
Select one of the following:		3-4
IT-2030	ASP.NET Web Programming	
IT-2600	E-Business Programming Technologies	
Credit Hours		7-8
Total Credit Hours		24-25