

MOBILE APPLICATION DEVELOPMENT, SHORT-TERM CERTIFICATE

Short-term certificate in Mobile App Development. Students will learn the competencies required to analyze, design, develop and test mobile applications. Students explore the latest mobile platforms and prepare to publish apps. Skills acquired will help students to prepare for jobs in mobile application development and entrepreneurial self-publishing opportunities.

Program contact: Learn more (<http://www.tri-c.edu/programs/information-technology/programming-and-development/certificate-in-mobile-application-development.html>)

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 (<http://catalog.tri-c.edu/archives/2017-2018/pathways/information-technology/programming-development>) about how certificate credits apply to the related degree and about related training programs.

Gainful Employment Disclosure (http://www.tri-c.edu/about/disclosure/Mobile-Application_Development/Gedt.html)

Program Admission Requirements

- High School Diploma/GED not required, but highly recommended.
- ENG-0990 Language Fundamentals II or appropriate score on Math 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 a diverse software development and/or support team.
2. Analyze, design, develop and test mobile applications to address specified business problems using high-level languages, technologies and appropriate methodologies.
3. Test, package and prepare a mobile application for publishing for a given framework(s) following legal and ethical guidelines demonstrating an understanding of the publishing process.
4. Troubleshoot mobile application issues to determine the best solution to satisfy the customer.

Suggested Semester Sequence

Course	Title	Credit Hours
First Semester		
IT-1025	Information Technology Concepts for Programmers	3

IT-1050	Programming Logic	3
		Credit Hours
		6
Second Semester		
IT-2351	Enterprise Database Systems	4
IT-2650	Java Programming	4
		Credit Hours
		8
Third Semester		
IT-2100	iOS Application Programming	4
IT-2110	Android Mobile Application Development	3
		Credit Hours
		7
		Total Credit Hours
		21