

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.

There will be no new students accepted in the program for Academic year 2025-2026. Current students should reach out to an academic counselor to create an academic plan to complete program by the end of the Summer 2027 semester.

This program is available to be completed 100% online.

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 and about related training programs.

Program Admission Requirements

- High School Diploma/GED not required, but highly recommended.
- MATH-0965 Intermediate Algebra or MATH-1240 Contemporary Mathematics or qualified Math Placement.

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

| First Semester | | Credit Hours |
|---------------------------|---|--------------|
| 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 |

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.