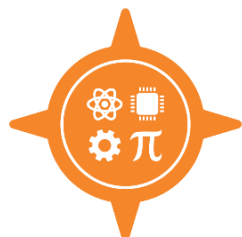


GUIDED PATHWAY: MULTI-PLATFORM APPLICATIONS DEVELOPER CERTIFICATE

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



For more information, visit the [Dallas College Computer Information Technology webpage](http://www.dcccd.edu/cit) [www.dcccd.edu/cit] and your academic advisor at your campus.

This is an example course sequence for students interested in pursuing Networking Security Awards. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Multi-Platform Applications Developer Certificate. Courses from this certificate may apply to the related A.A.S. degree. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

This one-year certificate option focuses on training for multi-level Android, iOS and Windows Phone platform devices. Topics include web application design and responsive layout using HTML5/CSS3, native application design and development using Java and Android Studio, core functionality and hybrid development for iOS using Objective C or Swift and Windows Phone using C# or Visual Basic. Graduates will be qualified to enter the business environment as a diverse multi-platform Mobile applications developer. Courses that complete the certificate are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites, as long as the student completes the TSI waiver form prior to enrollment.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Level I Certificate	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
TSI	May be Exempt	

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

CERTIFICATE MINIMUM: 24 SEMESTER CREDIT HOURS

PREREQUISITE

Basic understanding of personal computers and operating systems as obtained in [ITSC 1401](#) or [BCIS 1405](#) or [COSC 1301](#) or equivalent experience approved by designated Information Technology personnel.

SEMESTER 1

Total Hours: 12

[IMED 1416](#) – Web Design I
[ITSE 1429](#) – Programming Logic and Design
[ARTV 2470](#) – Handheld Device Web Application Development

SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with a career advisor or coach to research career options and opportunities for job shadowing.

SEMESTER 2

Total Hours: 12

[ARTV 2471](#) – Android Application Programming *This is the capstone course for this award.*
[ITSE 2410](#) – iOS Application Programming
CHOOSE ONE: [INEW 2434](#) – Advanced Web Programming
[INEW 1440](#) – ASP.NET Programming **OR**
[ITSE 1406](#) – PHP Programming

SEMESTER 2 ACTION ITEMS

1. Meet with your advisor or coach for assistance in preparing for job search.
2. Meet with an advisor to apply for the Multi-Platform Applications Developer Certificate.

PATHWAY TOTAL: 24 SEMESTER CREDIT HOURS