



Mobile App Development

To Enroll in our IT Programs

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Mobilize your future!

Do you want to be part of the latest technology and applications? The Mobile App Development Program provides students with the design and programming skills necessary for entry-level coding, programming, and software development positions. We emphasize the skills required to design, develop, test, and document structured and object-oriented programming languages.

This program prepares students for the following certification(s):

- Apple App Development with Swift Certification Level 1
- Google Associate Android Developer
- Microsoft C# Software Essentials
- Microsoft Technology Associate (MTA) Software

To Customize IT Training Solutions for Employees

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Mobile App Development

Certificates

CCL-5193: Mobile App Development (30-33 Credits)

- CIS105 Survey of Computer Information Systems or Permission of Program Director
- CIS120DF: Adobe Photoshop Level I
- CIS133DA: Internet/Web Dev. Level I
- CIS150AB: Object-Oriented Prog. Fundamentals
- CIS156, CIS159, or CIS163AA: Python, VB, or Java Prog.
- CIS162AD: C#: Level I
- CIS165: Introduction to IOS Application Development
- CIS165DA: Intro. to Android Application Development
- CIS165DC: Xamarin/C# Cross Platform Development
- CIS156, CIS159, CIS166AA, or CIS166AE: Python, VB, JavaScript, or PHP (1 class in addition to above)
- Select two of the following courses: CIS233DA (Internet/Web Dev Level II), CIS262AD (C# Level II), CIS265 (Adv. iOS App. Dev.), CIS265DA (Adv. Android App. Dev.), CIS276DA (MySQL Database)

CCL-5063: Native App Development (18-21 Credits)

- CIS105 Survey of Computer Information Systems or Permission of Program Director
- CIS150, CIS156, CIS159, CIS162AD, or CIS163AA: Prog. Fundamentals, Python, VB, C# Level I, or Java Level I
- CIS150AB: Object-Oriented Prog. Fundamentals
- CIS165: Intro. to iOS Application Development I
- CIS165DA: Intro. to Android Application Development
- CIS265: Advanced iOS Application Development
- CIS265DA: Advanced Android Application Development

CCL-5067: Cross-Platform App Development (18-21 Credits)

- CIS105 Survey of Computer Information Systems or Permission of Program Director
- CIS133DA
- CIS162AD: C#: Level I CIS262AD: C# Level II
- CIS165DC: Xamarin/C# Cross Platform Development
- CIS166AA: Introduction to JavaScripting
- CIS233DA: Internet/Web Development Level II

CCL-5793: Foundations of Mobile App Development (18-21 Credits)

- CIS105 Survey of Computer Information Systems or Permission of Program Director
- CIS133DA Internet/Web Development-Level I
- CIS120DF: Adobe Photoshop Level I
- CIS162AD: C#: Level I
- CIS165: Intro. to iOS Application Development I
- CIS165DA: Intro. to Android Application Development
- CIS165DC: Xamarin/C# Cross Platform Development

CCL-5914N: iOS Application Development (9-12 Credits)

- CIS105 Survey of Computer Information Systems or Permission of Program Director
- CIS150AB: Object-Oriented Programming Fundamentals
- CIS165: Intro. to iOS Application Development I
- CIS265: Advanced iOS Application Development

CCL-5833N: Windows Application Development (9-12 Credits)

- CIS105 Survey of Computer Information Systems or Permission of Program Director
- CIS162AD: C#: Level I CIS262AD: C# Level II
- CIS165DC: Xamarin/C# Cross Platform Development

CCL-5834N: Android Application Development (9-12 Credits)

- CIS150, CIS150AB, CIS156, CIS159, CIS162AD, or CIS163AA: Prog. Fund., Obj.-Oriented Prog. Fund., Python, VB, C# Level I, or Java Level I
- CIS165DA: Intro. to Android Application Development
- CIS265DA: Advanced Android Application Development

Where should I start if I am new to IT?

- CIS105 Survey of Computer Info. Systems
- CIS133DA: Internet/Web Development Level I

Notes:

1. These programs are effective Fall 2020.
2. All Classes are 3 credits unless otherwise noted.



Mobile App Development

Degree

Mobile App Development: AAS-3099

Required

- CIS105 Survey of Computer Information Systems
or Permission of Program Director
- CIS120DF: Adobe Photoshop Level I
- CIS133DA Internet/Web Development-Level I
- CIS150AB: Obj.-Oriented Programming Fundamentals
- CIS156, CIS159, or CIS163AA: Python, VB, or Java
- CIS162AD: C#: Level I
- CIS165: Intro. to IOS Application Development
- CIS165DA: Intro. to Android Application Development
- CIS165DC: Xamarin/C# Cross Platform Development

Restricted Electives (Choose one not from above):

- CIS156: Python Programming: Level I
- CIS159: Visual Basic Programming
- CIS166AA: Introduction to JavaScripting
- CIS166AE: Web Scripting with PHP

Restricted Electives (Choose 2 from the following):

- CIS233DA: Internet/Web Development Level II
- CIS262AD: C# Level II
- CIS265: Advanced iOS Application Development
- CIS265DA: Advanced Android Application Development
(Available Spring 2021)
- CIS276DA: MySQL Database

General Education:

- ENG101 or ENG107 ENG102 or ENG108
- COM100, 110, 225, or 230 CRE101 (0-3credits)
- MAT140 or Higher (3-5 credits) Any HU Class
- Any SB Class Any SG or SQ Science (4 credits)

Where should I start if I am new to IT?

- CIS105 Survey of Computer Info. Systems
- CIS133DA: Internet/Web Development Level I

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