

App Development with Swift

Level 1 Certification



Swift. The language for first-time coders and full-time developers.

Swift is a robust and intuitive programming language created by Apple that's easy to learn, simple to use, and super powerful. Which makes it great for getting started with code. It's also one of the fastest growing, most popular open-source programming languages used by professional developers.

The Value of App Development with Swift Level 1 Certification

Certification recognizes foundational knowledge of Swift, Xcode, and app development tools covered by the free App Development with Swift course from Apple.

Students who pass the certification exam will earn a digital badge they can place in a resume, portfolio, email, or share in social media.



**APP DEVELOPMENT
WITH SWIFT
LEVEL 1**



Students Who Are Certified Will Learn:

Knowledge of Swift

- Discover, explore, and demonstrate how to use the fundamental building blocks of Swift.
- Learn the basic concepts of Swift programming including syntax, logic, structures, functions, and patterns.

Knowledge of App Development

- Learn the basics of the Apple Software Development Kit.
- Explore and use developer tools such as Playgrounds, Xcode, Simulator, and Interface Builder.
- Learn how to build and run iOS apps using Swift.
- Explore and learn common tools, technologies, interface elements, and design patterns used to build iOS apps.
- Learn the skills needed to build iOS apps for iPhone and iPad.
- Learn to use common iOS frameworks in hands-on app projects.

Resources for Teaching Swift

Certification is based on the free App Development with Swift course from Apple. Created for high school and college students with little or no programming experience, the curriculum follows a practical, step-by-step approach to iOS development tools and Swift programming concepts. By the end of the course students are able to build a fully functioning app of their own design. The companion App Development with Swift Teacher Guide includes downloadable Keynote presentations, solution code, and a rubric for evaluating student work.



Get Started Today

Integrating the Swift learning resources and certification into your program will help students gain confidence to leverage their knowledge into applications that can change the world.

To purchase an App Development with Swift Level 1 Certification campus license or to learn more about how to access learning resources and certification materials, please contact **CCI Learning**.