

CERTIFICATE OF ATTENDANCE

This is to certify that

Francesco Zeno

born on 17/10/2006 at Napoli (NA) attended the following iOS Foundation Program four week course/s organized by the University of Naples Parthenope in partnership with Apple International on

iOS Essentials from 05/03/2026 to 01/04/2026

with the attached curriculum/a.

iOS Foundation Program Coordinator

Prof. Angelo Ciaramella



Basic Course Syllabus

4 weeks (80 hours)

General Information

Description

The course introduces students to iOS device, and how to design apps for it from a technical and also UI/UX perspective. During the first 3 weeks of the course students learn the coding principle based on SwiftUI, but also UI/UX design and other soft skills

Course Schedule

Week	Topic	Challenges
Week 1	Interactive Digital Challenge Group formation. Big Idea. iOS introduction. IDE XCode & Playground. Operators & Control Flow. First SwiftUI APP.	CBL activities on: Big Idea and challenge definition
Week 2	Collection Types. Strings. Optionals. Functions. Enumeration. Classes & Structs. Object Oriented Programming Protocols & Closures. Combine, MVC. Introduction to SwiftUI. SwiftUI & working with Text.	Mini code challenges on each topic

Week	Topic	Challenges
Week 3	Working with Images. Layout User Interface with Stacks. Understanding ScrollView and Building a Carousel UI. Working with SwiftUI Buttons. Gaming with Spritekit 2d. CoreML. Understanding Dynamic List. Working with Navigation UI and Navigation Bar Customization. Form & MapKit in SwiftUI. TabView.	Mini code challenges each topic Mini code challenges on applying ML to small specific problems. Mid Term Review
Week 4	Coding	Presentation review Final presentation