

Web and Mobile programmers Course

ANDROIND, IPHONE, UI-UX, CLIENT

The Syllabus is subjected to changes

About the course

Web and native mobile development are the last line for the client device.

This course shows you how to be familiar with UI/UX concepts and how to develop native web, android and iphone applications using Microsoft, Google and Apple native development tools. Using programming techniques and best practices shown in this course, you can produce high-quality applications that will be using state of the art development tools.

The course includes Microsoft literature and original literature developed by Ness College. The Microsoft Official Course (MOC) study is **20-480** Programming in HTML5 with JavaScript and CSS3

Coures Duration

230 hours as following:

- 190 academic hours (AH).
- 40 self-study hours (SSH).

Course Objective

The objectives of the course are to acquaint students with UI/UX and development concepts and terminology, and to provide them with a solid foundation for developing native software using the best practices with state of the art development tools.

Target Audience

The course is aimed at those with no background in software development.

curriculum

☑ **Preparatory Program**

Introduction & basic concepts

☑ **UI-UX**

Introduction: User Experience

Fundamentals of user experience

User Experience Design

Testing and improving

☑ **Web Client Development**

HTML5 + JavaScript + CSS3

Server development (brief explanation)

Custom Mobile Development with JQuery & Bootstrap

☑ **Interim Project - Cross Platform**

☑ **Android development environment**

☑ **IOS development environment**