

Mobile Application Development

Module Code:	COS7025-B
Academic Year:	2018-19
Credit Rating:	20
School:	Department of Computer Science
Subject Area:	Computer Science
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	24
Laboratory	24
Directed Study	152

Availability Periods

Occurrence	Location/Period
NLA	Namal College / Semester 1 (Sep - Jan)
BDA	University of Bradford / Full Year (Sept - Aug)
BDA	University of Bradford / Semester 1 (Sep - Jan)

Module Aims

To communicate knowledge of the technology necessary and available to deliver applications and web content to mobile devices.

To place mobile communication in the context of ongoing development against which pragmatic discussion about future developments in mobile industry can take place.

Outline Syllabus

Mobile technology's historical development; Mobile application development platforms; Mobile application development roadmaps; Usability and design issues for mobile devices; Testing of mobile applications; Various mobile interface elements; Interface for different device sizes; Using external APIs and services within mobile applications

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 demonstrate mastery of at least two methods of delivering media content and applications to mobile devices.
- 2 demonstrate the ability to use at least one method of delivering media content and applications to mobile devices.
- 3 research technical developments in a rapidly changing industry.

Learning, Teaching and Assessment Strategy

Lectures and lab sessions make up the contact time. The lectures will present the relevant theory underpinning the subject and the practicals will enable students to apply the theory to practical situations. Assessment is by practical work and associated reports.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	Development of a mobile application		100%	Yes

Legacy Code (if applicable)

CM-1067D

Reading List

To view Reading List, please go to [rebus:list](#).