

Module Details	
Module Title:	Mobile Application Development
Module Code:	COS7025-B
Academic Year:	2019-20
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	
Occurrence	Location / Period
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

Learning Outcomes	
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
Summative	Coursework	Development of a mobile application		100%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html .

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.