Module Details

Module Title	Mobile Application Development
Module Code	COS7025-B
Academic Year	2021/2
Credits	20
School	Department of Computer Science
FHEQ Level	FHEQ Level 7

Contact Hours

Type	Hours
Online Lecture (Synchronous)	12
Laboratories	24
Directed Study	164

Availability

Occurrence	Location / Period
BDA	University of Bradford / Semester 1

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	
Outcome Number	Description
01	Demonstrate mastery of at least two methods of delivering media content and applications to mobile devices.
02	Demonstrate the ability to use at least one method of delivering media content and applications to mobile devices.

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 labs will enable students to apply the theory to practical situations. Assessment is by practical work and associated reports.

Mode of Assessment			
Type	Method	Description	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.