UNIVERSITY of BRADFORD

Module Descriptor

Module Details	
Module Title:	Final Year Project
Module Code:	COS6006-D
Academic Year:	2019-20
Credit Rating:	40
School:	Department of Computer Science
Subject Area:	Computer Science
FHEQ Level:	FHEQ Level 6
Pre-requisites:	
Co-requisites:	

Contact Hours	
Type	**Hours**
Lectures	8
Tutorials	24
Directed Study	356

Availability	
Occurrence	**Location / Period**
NLA	Namal College / Academic Year (Sept - May)
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

To provide you with the opportunity to apply your knowledge assimilated and imparted during the previous years of your course, and advance your problem solving skills through the solution of a problem normally involving the practical development of a product or process. To develop your ability to plan and implement project activities so as to achieve an agreed set of objectives in a given time-scale.

Outline Syllabus

An individual project, agreed after discussion between student and supervisor, which requires the student to critically absorb relevant background information from various sources prior to

proceeding to solve a challenging technical problem. The activities include project specification, project planning, defining and designing a solution, implementation and testing, critical analysis of the results - including reflective work on applicable professional, social, legal and ethical issues in software industry, security, privacy and data protection, and human-computer interaction.
The student will be required to produce a consistent and comprehensive written report, a proof of a working solution to the technical problem and a presentation of the results obtained.

Learning Outcomes

1	demonstrate you have undertaken a major piece of work relating to a theme in the subject area, including its planning, scheduling and reporting, taking responsibility for the successful completion of many interdependent activities; acquire up to date and relevant information and justify your choice of methods and techniques in a rigorous manner; and apply scientific and/or software principles to the solution of a practical problem. Be able to reflect on work carried out and carry out a critical review of the issues related to professional, social, legal and ethical issues in software industry.
2	devise and recommend solutions to programming problems by applying scientific and software principles to the solution of practical subject area related problems; acquire up to date and relevant information and justify your choice of methods and techniques in a rigorous manner. Demonstrate your understanding of wider areas of interest, issues related to developing as a professional and show a rigorous approach to the management of a large project.
3	carry out project planning, scheduling and reporting, and take responsibility for the successful outcome of your work; present findings clearly and unambiguously, using improved oral and written communication skills. You will also have enhanced research, design and development skills. Be able to assess own progress iteratively in response to feedback. Reflect on own progress and identify realistic goals. Produce balanced arguments based on evidence. Be able to develop a portfolio and present own solution using communication means.

Learning, Teaching and Assessment Strategy

You will carry out an individual project, on a theme agreed with a project supervisor with the guidance and feedback of the project supervisor. Project organization and assessment are described in detail in the Project Resources and explained by the module coordinator in lectures. Throughout the duration of the project, you will assemble evidence of your progress in the form of minutes of the meetings with your supervisors. The minutes will reflect your planning abilities and time management skills in fulfilling tasks and meeting deadlines, as well as feedback from supervisor during the regular, timetabled meetings . The project deliverables (mid-term and final technical reports, prototype demonstration and final product, and the oral presentation, including a poster and a demonstration of the solution provided) are used to assess the overall project outcomes and your communication skills. Written feedback is provided after each assessment. You must pass Assessment 1 in order to pass the module. Supplementary assessment will address deficiencies in the original attempt.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Coursework	Assessment 2: Final report - solution to the technical problem; presentation	6000 words (i.e. 15 pages)	75%
Summative	Coursework	Assessment 1: mid-term report and prototype demo	2000 words (i.e. 5 pages)	25%

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.