

Module Details	
Module Title	Final Year Project
Module Code	COS6006-D
Academic Year	2022/3
Credits	40
School	Department of Computer Science
FHEQ Level	FHEQ Level 6

Contact Hours	
Type	Hours
Lectures	6
Laboratories	6
Project Supervision	24
Directed Study	364

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Academic Year

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 research, analysis, design and 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	
Outcome Number	Description
01	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.
02	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.
03	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 organisation and assessment are described in detail in the Project VLE 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. Supplementary assessment will address deficiencies in the original attempt.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Coursework	Assessment 1: mid-term report and prototype demo; presentation	25%
Summative	Coursework	Assessment 2: Final report - solution to the technical problem (6000 words); Presentation and portfolio	75%

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.

© University of Bradford 2022

<https://bradford.ac.uk>