

COS6006-D Module Handbook

Final Year Project

Semester: University of Bradford / Academic Year

Module Level: FHEQ Level 6

University of Bradford Credits: 40

Module Reading and Resources List:

<https://bradford.rl.talis.com/modules/cos6006-d.html>

This handbook gives you valuable information about your module, including which topics you will be studying, how you will be assessed and what learning materials you will need.

If you have any questions after reading this handbook or at any point during your module, please talk to your Module Tutor. For help and support with your module, visit the 'Module Contacts' section of your Canvas course (our Virtual Learning Environment) or speak to your Personal Academic Tutor.

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Welcome and introduction

Module aims and outcomes

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.

Module learning outcomes (LOs)

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.

Module organisation of work and topics

To access the current reading list for this module, click on the reading list link in your Canvas site. You can also find this module on our Reading List database, Talis Aspire:
<https://bradford.rl.talis.com/index.html>

The outline syllabus gives you an indication of which topics you will study. This information may be subject to change, so please keep a record of any module announcements regarding changes from your Module Tutor, from Canvas, or by electronic communication.

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 and teaching on this module

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.

Scheduled module learning (hours)

This module carries hours of study, usually distributed as follows. These may be subject to change in exceptional circumstances due to internal resources or external demands. You will be notified of any changes.

Lectures - 6

Laboratories - 6

Project Supervision - 24

Directed Study - 364

Module Assessments

Summative: Coursework (weighting 25%)

Assessment 1: mid-term report and prototype demo; presentation

Summative: Coursework (weighting 75%)

Assessment 2: Final report - solution to the technical problem (6000 words); Presentation and portfolio

Assessment Briefing Information

Additional assignment briefing information are provided for this module in the University's VLE.

Developing good academic practice

Referencing Style

The academic referencing and citation style for this module is

Further information can be found in the University's Referencing Style Guide:

<https://www.bradford.ac.uk/library/find-out-about/referencing/>

Study Skills Support

Most students find that they need some assistance, guidance or reassurance at some point during their studies. For help and support with your module, visit the 'Module Contacts' section of your Canvas course or speak to your Personal Academic Tutor. Your well-being is important for effective study, so do not be afraid to contact the Student Life and Wellbeing Services if you need [help](#). There are a range of Student Services at the University who can also support you with your studies, including the Academic Skills Advice Service who provide a range of self-access skills resources, workshops and 1:1 appointments:

[Academic Skills Advice - Home \(sharepoint.com\)](#)

For more information about the wide range of support available during your studies, visit the 'Supporting your Studies at Bradford' page on [Canvas](#)

Academic Misconduct

As a student, you are expected to complete all work independently and honestly, using an appropriate academic style. Failure to do so may result in penalties for academic misconduct.

For further information about what academic misconduct means and what your obligations are as a student visit the Student Casework Team website:

<https://www.bradford.ac.uk/academic-misconduct-appeals-and-student-complaints/>

Extenuating circumstances and extension

During your studies, you might face circumstances which impact or extenuate your ability to attend learning sessions, complete assessments or academically perform at your expected level. This might include, for example, serious illness like Covid-19, or personal issues such as bereavement.

It is important that you tell someone at the University as soon as you can about any such issues so you can get the advice and support you need. As soon as an issue arises, let your Module Tutor and your Personal Academic Tutor know. They will then determine how best to support you.

Support before an assessment deadline might include:

- Having additional support sessions to help you with your assignment.
- Involving other services with your permission such as study skills support or counselling.
- Offering you the opportunity to request an extension to the assignment deadline by completing an Extension Form (available from the [Extenuating Circumstances information site](#)).
- Recommending that you submit an Extenuating Circumstances Form, if you are going to be unable to complete a particular assessment even with an extension or additional support:
https://evision.brad.ac.uk/urd/sits.urd/run/SIW_LGN

Include evidence of your circumstances, such as a doctor's note, and submit the form well in advance of the date of the assessment you are unable to attend or complete. This will then be reviewed by a Faculty panel and you will receive email updates about the status of your request and whether it has been accepted.

If it is impossible to let anyone know about your circumstances before the assessment date or assignment deadline, let your Module Tutor and Personal Academic Tutor know as soon as you can afterwards. In this scenario, you should also complete an Extenuating Circumstances form online via your e:Vision account. You should submit this online form no later than 7 days after your assessment was due to take place.

More information about extenuating circumstances and extensions

Visit the dedicated University intranet site to find information about what to do when things go wrong and the processes for requesting extensions and submitting Extenuating Circumstances:

<https://unibradfordac.sharepoint.com/sites/student-life-service-intranet/SitePages/extenuating-circumstances.aspx>

How this module is reviewed

Your feedback

You can provide feedback on your modules in a number of diverse ways. Some common forms of feedback at Bradford are:

- Talking to your Module Tutor
- Completing module evaluation surveys
- Talking to the Student Representative for your programme – or becoming one yourself
- Asking your Rep or Tutor to consider something at a Student-Staff Liaison Committee
- Participating in staff/student forums
- Completing University and national student experience surveys

The external examiner

The external examiner is an expert in the discipline or subject area who volunteers to peer review the academic standards and quality of this module and are usually a lecturer or professor involved in teaching at another University. They advocate on your behalf ensure that this module is taught and assessed in ways that are fair and robust compared to the UK higher education sector.

The external examiner(s) for this module:

Continuous, annual and periodic review

Student feedback, external expertise and internal University reviewers all regularly contribute to the ongoing development and enhancement of University of Bradford modules and programmes.

All feedback is important to us and we seek to implement any changes that will benefit the programme at the earliest possible opportunity, whether that is within a teaching period, during annual review or at the next full re-certification of the programme.