



MODULE SPECIFICATION

Part 1: Information			
Module Title	Synoptic Project		
Module Code	UFCFHN-30-3	Level	Level 6
For implementation from	2020-21		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	Computer Science and Creative Technologies
Department	FET Dept of Computer Sci & Creative Tech		
Module type:	Project		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Overview: This module assesses a major piece of individual work executed by the students for their employer.</p> <p>Educational Aims: To allow the execution of a major, individual, work-based project</p> <p>To provide a real-world experience integrating topics covered in other modules.</p> <p>To encourage critical reflection on the project experience.</p> <p>Outline Syllabus: There is no specific syllabus for this module as the project is an individual piece of work, exploring an idea from conception through to realisation. Nonetheless, elements of the project process are covered in a short lecture series at the start of the academic year. The lectures will normally be delivered by the module leader or their nominee. They will cover topics such as:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Choosing a project <input type="checkbox"/> Researching the project idea <input type="checkbox"/> Making use of your module leader/supervisor

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- Moving from research to requirements
- Writing up the project

Teaching and Learning Methods: In parallel with the lecture series, students will identify (or be allocated) a project supervisor. They will then agree the subject of the project with the supervisor, the Module Leader, and the Employer. Suitable topics must be related to the workplace and must lend itself to research followed by a solution development process based on the research. The research component will include the identification of a suitable topic and subsequent investigation from books, papers and other sources. Requirements should be derived from the research. The solution development will include the identification of suitable tools and methodologies to use. Whatever the subject, the student will be expected to treat material critically and to demonstrate their understanding of the relevance of material both to their award and to the project topic. They will also be expected to reflect on the tools and methodologies used and, at the project completion, comment on their suitability.

Each student will be assigned a supervisor who will meet them regularly to discuss progress and to give guidance on planning and managing the work. It is the student's responsibility to research material and techniques appropriate to the subject of the project.

Wherever possible students will be assigned a supervisor with an interest in the project topic but this cannot be guaranteed. The responsibilities of the tutor are primarily to provide guidance on the management of the project, the standard of work required, what can realistically be done in the available time and to give feedback on work done (including the writing of the report).

In the initial stages of the project the student and their tutor will discuss objectives which must be achieved if the project is to receive a pass grade. Criteria which must be met for a higher grade will also be identified. (Projects develop unpredictably, the objectives are only intended as a guide to the level expected and details may change).

At the beginning of the academic year in which the project is undertaken, a short series of lectures will provide the student with the context in which the project is to be undertaken.

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion. Study time will be organised each week with a series of both essential and further readings and preparation for practical workshops. It is suggested that preparation for lectures, practical workshops, session delivery and seminars will take 7 hours per week.

Part 3: Assessment

There are three elements to the assessment of the project. The major piece of assessed work is the project report. This will be between 3,000 words plus supporting material in the form of software where appropriate and documentation. The report is submitted upon completion of the project and carries 75% of the available marks. The report will typically be assessed on the following criteria:

Extent, level and relevance of research

Requirements analysis (which may include defining the scope of a development project and/or an analysis of research information)

Identification and application of solution developmental, scientific or design methodology

Choice and application of technology to implementation, if appropriate

Evidence of self-management and critical reflection on the project content and process

Clarity of exposition within the report

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First Sit Components	Final Assessment	Element weighting	Description
Presentation - Component A		25 %	Presentation and/or Demonstration (20 Minutes)
Report - Component A	✓	75 %	Project report (3000 words)
Resit Components	Final Assessment	Element weighting	Description
Presentation - Component A		25 %	Presentation and/or Demonstration (20 Minutes)
Report - Component A	✓	75 %	Project report (3000 words)

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:	
	Module Learning Outcomes	Reference
	Investigate a topic for the chosen area of specialism.	MO1
	Research academic and commercial papers and use the knowledge and information gained from the research to inform a development project.	MO2
	Solve a real-life problem from the workplace, synthesising and critically evaluating the adopted approach and/or methodology.	MO3
	Evaluating information from multiple sources in the search for this solution.	MO4
	Identify, justify and apply tools and methodologies appropriate to a particular problem.	MO5
	Communicate both the nature of the solution developed and the process by which it was produced in a significant piece of writing.	MO6
	Critically review and justify the proposed solution, including cross reference to stakeholder feedback.	MO7
Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	228
	Total Independent Study Hours:	228
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	72
	Total Scheduled Learning and Teaching Hours:	72
	Hours to be allocated	300
	Allocated Hours	300

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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://rl.talis.com/3/uwe/lists/EC7DC545-5175-5EBA-FC04-DAA22586CAE8.html</p>
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Part 5: Contributes Towards

This module contributes towards the following programmes of study: