



MODULE SPECIFICATION

Part 1: Information			
Module Title	Project and Dissertation		
Module Code	UFCFPU-30-3	Level	Level 6
For implementation from	2022-23		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	
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: In this project module, you undertake an individual piece of work in which you explore an idea from conception through to realisation.</p> <p>Educational Aims: This module aims to bring together knowledge and skills, research and application in a single project that addresses an aspect of cyber security.</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"/> Introducing and developing research skills • - Researching the project idea • <input type="checkbox"/> Making use of your module leader/supervisor • <input type="checkbox"/> Moving from research to requirements • <input type="checkbox"/> Writing up the project

STUDENT AND ACADEMIC SERVICES

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 apprentice 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. 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 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

Part 3: Assessment

There are three elements to the assessment of the project, structured both to support the student through the project and also to allow them both to demonstrate their report writing skills and to showcase their technical ability.

The major piece of assessed work is the project report. This will be between 8,000 - 10,000 words plus supporting material in the form of software where appropriate and documentation. The report is submitted upon completion of the project and carries 70% of the available marks.

In addition, at approximately the middle of the project period, students are required to attend a project-in-progress day. The project-in-progress day is organised as a poster event and students are expected to prepare a poster that describes their project idea and progress to date. The day is attended by academics from across the department and the employers and is an opportunity for students, staff and the employers to discuss and exchange ideas about their work. 5% of the overall available marks are devoted to the material produced for the project in progress day. Finally, after submission of the project report, students are required to present and demonstrate their solution to their supervisor and optionally their employer.

First Sit Components	Final Assessment	Element weighting	Description
Practical Skills Assessment - Component A	✓	25 %	
Poster - Component A		5 %	
Report - Component A		70 %	
Resit Components	Final Assessment	Element weighting	Description

STUDENT AND ACADEMIC SERVICES

Practical Skills Assessment - Component A	✓	25 %	
Poster - Component A		5 %	
Report - Component A		70 %	

Part 4: Teaching and Learning Methods															
Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:														
	<table border="1"> <thead> <tr> <th>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Research academic and commercial papers and use the knowledge and information gained from the research to inform a development project.</td> <td>MO1</td> </tr> <tr> <td>Solve a real-life problem from the workplace, synthesising and critically evaluating the adopted approach and/or methodology.</td> <td>MO2</td> </tr> <tr> <td>Evaluate information from multiple sources in the search for a solution to a problem.</td> <td>MO3</td> </tr> <tr> <td>Identify, justify and apply tools and methodologies appropriate to a particular problem.</td> <td>MO4</td> </tr> <tr> <td>Communicate both the nature of the solution developed and the process by which it was produced in a significant piece of writing</td> <td>MO5</td> </tr> <tr> <td>Critically review and justify the proposed solution, including cross reference to stakeholder feedback.</td> <td>MO6</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Research academic and commercial papers and use the knowledge and information gained from the research to inform a development project.	MO1	Solve a real-life problem from the workplace, synthesising and critically evaluating the adopted approach and/or methodology.	MO2	Evaluate information from multiple sources in the search for a solution to a problem.	MO3	Identify, justify and apply tools and methodologies appropriate to a particular problem.	MO4	Communicate both the nature of the solution developed and the process by which it was produced in a significant piece of writing	MO5	Critically review and justify the proposed solution, including cross reference to stakeholder feedback.	MO6
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Contact Hours	Independent Study Hours:														
	Independent study/self-guided study	150													
	Total Independent Study Hours:	150													
	Placement Study Hours:														
	Placement	78													
	Total Placement Study Hours:	78													
	Scheduled Learning and Teaching Hours:														
	Face-to-face learning	72													
	Total Scheduled Learning and Teaching Hours:	72													

STUDENT AND ACADEMIC SERVICES

	Hours to be allocated	300
	Allocated Hours	300
Reading List	<i>The reading list for this module can be accessed via the following link:</i> https://rl.talis.com/3/uwe/lists/00EC2E70-D813-CD23-A62A-1FC45EAF22AC.html	

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

BSc (Hons) Cyber Security Technical Professional (integrated degree) BSc (Hons) 2020-21