



## MODULE SPECIFICATION

Part 1: Information			
Module Title	Software Engineering (Course Project) [TSI]		
Module Code	UFCFYX-6-3	Level	Level 6
For implementation from	2023-24		
UWE Credit Rating	6	ECTS Credit Rating	3
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		
PSRB Requirements	None		

Part 2: Description
<p><b>Educational Aims:</b> The aim of the module to teach students the principles and techniques used at various stages of the complex software development, including development processes</p> <p><b>Outline Syllabus:</b> The content of the course project;            Task setting and distribution;            Phase Inception;            Phase Elaboration;            Phase Construction;            Phase Transition;            Course project defence</p> <p><b>Teaching and Learning Methods:</b> 8 hours of lectures are provided to students to explain and assign individual assignment, explain requirements and demonstrate past course paper and answer questions about assignment. Rest of time students are completing a course paper. Course paper is delivered as report which has description of all software development phases, programme code realised by student and description of the developed software.</p>

## STUDENT AND ACADEMIC SERVICES

Part 3: Assessment			
This module assessment consists of one element, which is course paper delivered in form of report.			
First Sit Components	Final Assessment	Element weighting	Description
Written Assignment - Component A	✓	100 %	Course Paper
Resit Components	Final Assessment	Element weighting	Description
Written Assignment - Component A	✓	100 %	Course Paper

Part 4: Teaching and Learning Methods																	
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Apply principles and methods of the application area and formulate requirements</td> <td>MO1</td> </tr> <tr> <td>Apply principles and methods of analysis, design, testing and maintenance of software products</td> <td>MO2</td> </tr> <tr> <td>Use quantitative estimation of the software quality</td> <td>MO3</td> </tr> <tr> <td>Use modern tools for computer-aided software engineering</td> <td>MO4</td> </tr> <tr> <td>Plan the work on a software project</td> <td>MO5</td> </tr> <tr> <td>Lead independent development and an estimate of quality of software product</td> <td>MO6</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Apply principles and methods of the application area and formulate requirements	MO1	Apply principles and methods of analysis, design, testing and maintenance of software products	MO2	Use quantitative estimation of the software quality	MO3	Use modern tools for computer-aided software engineering	MO4	Plan the work on a software project	MO5	Lead independent development and an estimate of quality of software product	MO6		
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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p><a href="https://rl.talis.com/3/uwe/lists/116D8907-B765-6A8F-C0D5-EDA1551C2740.html?lang=en-gb&amp;login=1">https://rl.talis.com/3/uwe/lists/116D8907-B765-6A8F-C0D5-EDA1551C2740.html?lang=en-gb&amp;login=1</a></p>
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### Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Computer Science and Software Development [Oct][FT][TSI][4yrs] BSc (Hons) 2020-21

Computer Science and Software Development [Feb][FT][TSI][4yrs] BSc (Hons) 2020-21