

University of the West of Scotland

Module Descriptor

Session: 2024/25

Title of Module: Project ToolBox			
Code: ENGG09007	SCQF Level: 9 (Scottish Credit and Qualifications Framework)	Credit Points: 20	ECTS: 10 (European Credit Transfer Scheme)
School:	School of Computing, Engineering and Physical Sciences		
Module Co-ordinator:	Amina Mehmood		
Summary of Module			
<p>It comprises the following: - A review and appraisal of past projects. Working with people and teams and how to divide up work elements of larger projects. Selecting projects by need, value, priority, date, market demand or employment trend. The project brief:- title, description, objectives, synopsis, planning of resources and aims and objectives. Project feasibility studies:- project strategy, goals and measures of effectiveness. Measureable outcomes. ,KPI's , costs and savings and descriptive benefits, project ranking Information sources of data:- Web based, publications Financial evaluation including costing and estimating, payback IRR, payback period and NPV. Project coordination and project meetings:- Taking part in a project meeting, group working, deliverables, recording decisions and actions. Presentation: - Powerpoint, video, formal reports. Reflective practice: - how may it be done differently or better? How to pass a project and/or how to manage a successful project. Post project auditing and lessons learned. The three assessments will assignments (40%, 40% and 20%) and will all be on applications of the above descriptions. The teaching will involve lectures with some set exercises. Some of these exercises will involve previous project equipment.</p> <ul style="list-style-type: none"> • During the course of this module students will develop their UWS Graduate Attributes (https://www.uws.ac.uk/current-students/your-graduate-attributes/). Universal: Academic attributes - critical thinking and analytical & inquiring mind; Work-Ready: Academic attributes – planning projects , writing project definitions and relevant ICT skills; Successful : autonomous, driven and resilient. • This module has been reviewed and updated, taking cognisance of the University's Curriculum Framework principles. Examples of this are found within the module such as active and engaging tutorial activity with contemporary industry examples of modular content, module assessment which reflects industry activities, learning synergies across modules and levels of study and recorded lecture content supporting students to organise their own study time. Due to some of the unique content, this module is of particular importance in relation to PSRB AHEP-4 learning outcomes. 			

Module Delivery Method					
Face-To-Face	Blended	Fully Online	HybridC	Hybrid 0	Work-Based Learning
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
See Guidance Note for details.					

Campus(es) for Module Delivery						
The module will normally be offered on the following campuses / or by Distance/Online Learning: (Provided viable student numbers permit) (tick as appropriate)						
Paisley:	Ayr:	Dumfries:	Lanarkshire:	London:	Distance/Online Learning:	Other:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Add name

Term(s) for Module Delivery					
(Provided viable student numbers permit).					
Term 1		Term 2		Term 3	
	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Learning Outcomes: (maximum of 5 statements) These should take cognisance of the SCQF level descriptors and be at the appropriate level for the module. At the end of this module the student will be able to:	
L1	Determine project feasibility based on supplied criteria
L2	Critically appraise past projects and presentations in terms of degree of difficulty
L3	Prepare a full project definition with overview, objectives, scope and approach
L4	Report on literature and project evaluation to determine lesson learned.

Employability Skills and Personal Development Planning (PDP) Skills	
SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:

Knowledge and Understanding (K and U)	SCQF Level 9 Defines project activities and expected outcomes Knowledge of the steps required in undertaking a project Understands how to go about doing a project at this level.	
Practice: Applied Knowledge and Understanding	SCQF Level 9 Can source data pertinent to the project and decide on contribution or relevance Determine successful outcomes or otherwise for existing projects	
Generic Cognitive skills	SCQF Level 9 Appraises existing projects v set criteria	
Communication, ICT and Numeracy Skills	SCQF Level 9 Presents results of an evaluation.	
Autonomy, Accountability and Working with others	SCQF Level 9 Works with others when dealing with group events	
Pre-requisites:	Before undertaking this module the student should have undertaken the following:	
	Module Code:	Module Title:
	Other:	
Co-requisites	Module Code:	Module Title:

*Indicates that module descriptor is not published.

Learning and Teaching	
In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.	
Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	Student Learning Hours (Normally totalling 200 hours): (Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture/Core Content Delivery	18
Independent Study	164

Tutorial/Synchronous Support Activity	18
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	200 Hours Total
**Indicative Resources: (eg. Core text, journals, internet access)	
<p>The following materials form essential underpinning for the module content and ultimately for the learning outcomes:</p> <p>Classroom with presentation equipment.</p> <p>Some drop in use for a computer laboratory and workshop visits.</p> <p>There will be extensive notes and on line learning available.</p> <p>Core Text McMillan, K, and J Weyers. 2011. How to write Dissertations and Project Reports. London: Pearson.</p>	
(**N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)	
Attendance and Engagement Requirements	
<p>In line with the Student Attendance and Engagement Procedure: Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.</p> <p>For the purposes of this module, academic engagement equates to the following:</p> <p>Free Text – to add detail</p>	
Equality and Diversity	

The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: [UWS Equality, Diversity and Human Rights Code](#).

Please ensure any specific requirements are detailed in this section. Module Co-ordinators should consider the accessibility of their module for groups with protected characteristics..

(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	Engineering
Assessment Results (Pass/Fail)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
School Assessment Board	Engineering
Moderator	Farhad Anvari
External Examiner	P Lewis
Accreditation Details	e.g. ACCA Click or tap here to enter text.
Changes/Version Number	2.08

Assessment: (also refer to Assessment Outcomes Grids below)

Assessment 1 Feasibility report

Assessment 2 Project Definition

Assessment 3 Presentation and Lit review

(N.B. (i) **Assessment Outcomes Grids** for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed.

(ii) An **indicative schedule** listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Assessment Outcome Grids (See Guidance Note)

Component 1							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Essay	✓					20	10

Component 2							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Essay		✓	✓	✓		60	24

Component 3							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Essay		✓		✓		20	14
Combined Total for All Components						100%	48 hours