Module Definition Form (MDF)

Module code: MOD002358	**Version:** 4 **Date Amended:** 13/Jun/2024

1. Module Title
Project Evaluation and Development

2a. Module Leader
Wendell Mok

2b. School
School of Engineering and the Built Environment

2c. Faculty
Faculty of Science and Engineering

3a. Level
6

3b. Module Type
Standard (fine graded)

4a. Credits
15

4b. Study Hours
150

5. Restrictions			
Type	**Module Code**	**Module Name**	**Condition**
Pre-requisite:	MOD002283	Management Practice	Compulsory
Pre-requisite:	EB115011S	No data	Compulsory
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:	None		

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

The module provides the student with the opportunity to explore the various issues that need to be evaluated when considering a building development from inception until final completion and retention and / or disposal of the building. The context and content of this module integrates knowledge and skills obtained from previous management and design modules. It examines them in a holistic manner and explores their complex inter-relationships. Issues related to the client, the site, planning, financial appraisal, design technology, legal, health and safety and environment will all be examined within a theoretical and practical framework. The module develops the student's ability to comprehend the totality and implications of the development process and to make reasoned value judgements as to its potential feasibility. This is achieved by a detailed examination of local planning policies for the site coupled with a financial analysis of the proposed scheme by use of traditional and modern forms of valuation techniques. The module also focuses on project appraisal, pre construction processes, construction and post construction processes, marketing disposal and evaluation. The module is project based with studio teaching which is undertaken by various strategies such as formal group lectures, group seminars and individual tutorials. Site visits are arranged where appropriate to underpin student knowledge and understanding of practical issues. Joint staff and student criticisms and presentations occur throughout the delivery. Employability skills Students will assess a site for future development opportunities in a manner that satisfies a potential client's need in terms of financial reward, design, procurement, management and cost in use or final disposal of the completed project. Students will improve their communication skills both in terms of report writing and oral presentations to their peers and tutors. Analytical skills will be developed through employment of financial appraisal and risk management strategies.

6b. Outline Content

Knowledge and understanding - Site selection, survey and measurement - Alternative development uses appertaining to the site - Planning procedures, new system, costs and timing - Local and national planning policies relevant to the site - Financial analysis using both traditional (residual) and modern (discounted cash flow) valuation techniques - Profitability analysis - Project risk analysis and management - Procurement systems - Briefing of the design team - RIBA plan of work - Project planning and monitoring - Health and safety issues, legal implications etc - Handover, marketing, handover, disposal and use - Management and maintenance systems for the completed project Skills Analysis - Communication by written report accompanied by supporting plans, design schemes, financial appraisals - Assessment of alternative development options - Research of planning implications that affect the site - Tackling and solving planning problems - Analysis of financial feasibility / profitability - Justification of procurement systems - Awareness of design, project planning and site management issues as affecting the site - Correct use of construction terminology - Accessing, storing and retrieving information

6c. Key Texts/Literature
The reading list to support this module is available at: https://readinglists.aru.ac.uk/

6d. Specialist Learning Resources
None

7. Learning Outcomes (threshold standards)		
No.	**Type**	**On successful completion of this module the student will be expected to be able to:**
1	Knowledge and Understanding	Consider and evaluate alternative development sites, select and justify appropriate project solutions
2	Knowledge and Understanding	Demonstrate knowledge and understanding of the overall development process, including recognising the importance of current methods and trends in the construction of the built environment.
3	Knowledge and Understanding	Measure the extent to which the project has successfully correlated with the clients defined requirements within current legal, social, economic, technological, environmental and ethical context
4	Intellectual, practical, affective and transferrable skills	Prepare a formal report including an oral presentation upon the project evaluation

8a. Module Occurrence to which this MDF Refers				
Year	**Occurrence**	**Period**	**Location**	**Mode of Delivery**
2026/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	**Hours**	**Learning Outcomes**	**Details of Duration, frequency and other comments**
Lectures	18	1-4	3 hours per week over a single semester split into a 1.5 hour lecture with structured tutorials.
Other teacher managed learning	18	1-4	3 hours per week over a single semester split into a 1.5 hour lecture with structured tutorials.
Student managed learning	114	1-4	9.5 hours per week over one semester
TOTAL:	150		

9. Assessment for the above Module Occurrence

The assessment for some modules includes a presentation (see below for details on how this particular module is assessed). We recognise that presenting, especially to a large group, can cause significant anxiety or distress for some students. If this may affect you, please contact your Module Leader or the Disability and Neurodiversity Service as early as possible. We will work with you to consider appropriate reasonable adjustments. Depending on your individual needs, these might include, for example, presenting to a smaller group or presenting only to a member of academic staff.

Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Practical	1,4	20 (%)	Fine Grade	30 (%)
Presentation: 500 words equivalent					

Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
011	Coursework	1,2,3,4	80 (%)	Fine Grade	30 (%)
Project Evaluation Report: 2000 words					

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:
(a) achieve the qualifying mark for each element of fine graded assessment as specified above
(b) pass any pass/fail elements

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]