



Module Specification

Project Management Tools and Techniques

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Part 1: Information

Module title: Project Management Tools and Techniques

Module code: UBLLYR-30-2

Level: Level 5

For implementation from: 2022-23

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Environment & Technology

Department: FET Dept of Architecture & Built Environ

Partner institutions: None

Delivery locations: Auston Institute of Management Singapore, Auston Institute of Management Sri Lanka, British Institute of Engineering and Technology Sri Lanka, Frenchay Campus

Field: Architecture and the Built Environment

Module type: Standard

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: The module is focused on Project Management Tools and Techniques as defined by the Association of Project Managements Body of Knowledge (BoK) and is aligned to the CIOB Educational Framework.

Features: Module Entry Requirements:

Students must have 60 credits at Level 1

Educational aims: See Learning Outcomes.

Outline syllabus: This module will introduce the students to all 4 sections of the BoK –

Context,
People,
Delivery and
Interfaces.

These sections in turn will cover:

Introduction to PM
Project Governance
Project Environment/ setting

Project related Interpersonal skills
(Communication/ conflicts/ Delegation/ Leadership/ Negotiation and teamwork.)

Integrative Management -
(Business Cases/ Monitoring and Control/ Planning and Stakeholder Management)
Scope Management - (Benefits Management/ Change Control/ Config Management/
Change Management and Requirement Management.)
Schedule Management
Cost Management - (Budgeting and costing and Investment Appraisal.)
Risk Management
Quality Management
Resource Management

Accounting/ H and S/ HRM/Law/security and Sustainability.

Part 3: Teaching and learning methods

Teaching and learning methods: The overall approach to teaching and learning in this module aims to develop students' critical appreciation of the project management tools and techniques. A range of teaching and learning methods will be used to explore the topic areas; generally concepts and issues will be introduced via a series of weekly lectures, which are further explored through a mixture of tutorials, seminars and workshops.

The tutorial, seminar and workshop sessions will be used to address the topic raised within the lecture series; and provide an opportunity for the exchange of ideas on pertinent concepts that are of concern to the construction sector.

Students will be expected undertake independent learning to prepare responses to specific tasks. Formative feedback on the set problems will be provided each week through discussions or via feedback sheets. A significant proportion of tutorial material will form the basis for the final summative assessments.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Demonstrate and apply key Project Management concepts, including sustainability, as defined by the Professional Project Management bodies .

MO2 Investigate the success and/or failure factors within a self -selected project management case study

MO3 Examine the development of project management and project management theory and relate it to real world construction projects

MO4 Describe the project environment and evaluate the organisational leadership, teamwork, structures, roles, financial arrangements that are required to suit varying project contexts with regard to relevant stakeholders

MO5 Demonstrate knowledge of possible causes of project failure, project complexity and appropriate tools, techniques and approaches to managing them

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 234 hours

Face-to-face learning = 66 hours

Total = 300

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ubllyr-30-2.html) via the following link <https://uwe.rl.talis.com/modules/ubllyr-30-2.html>

Part 4: Assessment

Assessment strategy: The assessment strategy is based upon three summative assessments, one at the end of each semester, and one taking the form of in class tests.. The first assessment is an exam at the assessment period at the end of semester one. The second assessment is a coursework which is undertaken in the semester two assessment period. The in class tests will help both to test and consolidate the outcomes of the module as it is delivered.

The coursework report provides students with the opportunity to apply their knowledge and understanding developed within this module. Following a series of formative exercises where feedback is provided, students will be required to develop their responses.

The examination will assess the students' critical thinking, analytical and independent research skills; when considering a range of current strategic and operational management issues. Exam questions will be drawn from topic areas that are explored in the schedule learning sessions or by directed personal study. Students will be expected to undertake independent learning to complete tasks set in the lectures and formative feedback will be provided on these exercises in the tutorials and seminars.

The resit cannot deliver the in class tests in the same way, so the weighting of the

exam and report is changed to reflect the content of the in class tests now being included in the exam. All of the learning outcomes are therefore assessed in the resit.

The resit strategy assesses with two components: Exam and Report. The exam incorporates the content of the in-class tests from the first sit, and the weighting reflects this.

Assessment components:

Examination (Online) - Component A (First Sit)

Description: Online exam (24 hour window)

Weighting: 20 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO4, MO5

Report - Component B (First Sit)

Description: Report maximum 3000 words equivalent.

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5

In-class test - Component A (First Sit)

Description: In-Class test

Weighting: 20 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO4, MO5

Examination (Online) - Component A (Resit)

Description: Online exam (24 hour window)

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO4, MO5

Report - Component B (Resit)

Description: Report maximum 3000 words equivalent.

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4, MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Construction Project Management [Feb][FT][AustonSingapore][16months] BSc
(Hons) 2022-23

Construction Project Management [Feb][PT][AustonSriLanka][3yrs] - Not Running
BSc (Hons) 2022-23

Construction Project Management [May][PT][AustonSingapore][20months] BSc
(Hons) 2022-23

Construction Project Management [Sep][FT][AustonSingapore][16months] BSc
(Hons) 2022-23

Construction Project Management [Feb][PT][AustonSingapore][20months] BSc
(Hons) 2022-23

Construction Project Management [May][FT][AustonSingapore][16months] BSc
(Hons) 2022-23

Construction Project Management [Sep][PT][AustonSingapore][20months] BSc
(Hons) 2022-23

Construction Project Management {Apprenticeship-UWE} [Sep][FT][Frenchay][3yrs]
BSc (Hons) 2022-23

Construction Project Management [May][PT][AustonSriLanka][3yrs] - Not Running
BSc (Hons) 2022-23

Construction Project Management [May][FT][AustonSriLanka][2yrs] - Not Running
BSc (Hons) 2022-23

Construction Project Management [Sep][PT][AustonSriLanka][3yrs] - Not Running
BSc (Hons) 2022-23

Construction Project Management [Feb][FT][AustonSriLanka][2yrs] - Not Running
BSc (Hons) 2022-23

Construction Project Management [Sep][FT][AustonSriLanka][2yrs] - Not Running
BSc (Hons) 2022-23

Construction Project Management [Feb][FT][BIET][16months] BSc (Hons) 2022-23

Construction Project Management [Feb][PT][BIET][20months] BSc (Hons) 2022-23

Construction Project Management [Sep][FT][BIET][16months] BSc (Hons) 2022-23

Construction Project Management [May][FT][BIET][16months] BSc (Hons) 2022-23

Construction Project Management [Sep][PT][BIET][20months] BSc (Hons) 2022-23

Construction Project Management [May][PT][BIET][20months] BSc (Hons) 2022-23

Construction Project Management [Jun][FT][AustonSriLanka][2yrs] - Not Running
BSc (Hons) 2022-23

Construction Project Management {Apprenticeship-UWE} [Frenchay] BSc (Hons)
2022-23

Construction Project Management [Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Construction Project Management [Sep][PT][Frenchay][5yrs] BSc (Hons) 2020-21

Construction Project Management {Foundation} [Sep][FT][Frenchay][4yrs] BSc
(Hons) 2020-21

Construction Project Management {Foundation} [Sep][SW][Frenchay][5yrs] BSc
(Hons) 2020-21

