



Module Guide

Project Management

EBB-6-020

School of the Built Environment
and Architecture

Level 6

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1. MODULE DETAILS

Module Title:	Project Management
Module Level:	Level 6
Module Reference Number:	EBB-6-020
Credit Value:	20 CATS Points
Student Study Hours:	20
Contact Hours:	45: Combination of lectures and tutorials
Private Study Hours:	135: Combination of assignment activity as learning and assessment vehicle, & designated reading
Pre-requisite Learning (If applicable):	General education, numerical skills, English language proficiency (as scheme entry standard)
Co-requisite Module (If applicable):	None
Course(s):	Various
Year and Semester	AY2019/2020 Semester 2
Module Coordinator:	Eliana Voutsadakis
Contact Details (Tel, Email, Room)	020-7815-7292 voutsade@lsbu.ac.uk Tower block – Room T521
Teaching Team & Contact Details (If applicable):	Please see the Moodle site for this information
Subject Area:	Construction, property and surveying
Summary of Assessment Method:	Two assessments equally weighted. (One coursework & one examination)
External Examiner:	Mr. Bill Martin

2. SHORT DESCRIPTION

In recent years the specialism of construction project management has been developed by construction professionals working within construction companies, construction consultancies and the public sector. This specialism is required to achieve effective and efficient management of the whole construction process from inception to completion.

This module seeks to support this response by introducing the theory underlying project management and applying this to practical issues and problems in the construction industry

3. AIMS OF THE MODULE

- To introduce project management theory
- To develop a critical understanding of its application in the construction industry.

4. LEARNING OUTCOMES

4.1 Knowledge and Understanding:

- Demonstrate a critical understanding of general project management theory
- Apply this theory to projects in the construction industry and its associated professions.
- Use basic project management techniques and associated computer software
- Have a critical understanding of innovations in the procurement and management of projects in construction.

4.2 Intellectual Skills:

- Identify and critically analyse issues with reference to pertinent argument and evidence
- Evaluate current procedures and approaches, investigate routine and unfamiliar problems and apply professional judgement in order to devise solutions and/or recommend appropriate actions

4.3 Practical skills:

- Present quantitative and qualitative information; produce professional reports; proposals; professional documentation in accordance with published conventions;
- Use generic and bespoke ICT software; related technologies; select and use appropriate computational methods to solve problems.

4.4 Transferable Skills:

- Communicate effectively by oral, written and visual means in a form appropriate to the intended audience with appropriate referencing and acknowledgement of sources

- Use information and communication technology (ICT) to locate and access opinion, information and data from a wide range of sources and communicate information to others
- Manage time to dead lines
- Learn effectively and independently

5. ASSESSMENT OF THE MODULE

Assessment	Title	Weighting (%)	Min ^m element Pass
1	Individual assignment	50	35
2	3-hour examination	50	35

The Module pass mark is 40%

Critical dates within the programme for assessment are:

Assessment No 1: To be submitted **on Monday 20th April 2020 no later than 3pm** via Moodle ONLY. The assignment will be issued in Week 1. A receipt for each submission should be obtained. Students will need to be aware of the University's late submission policy which is included on the assignment brief.

Assessment No 2: 3-hour examination (w/c 18th May or w/c 1st Jun 2020). The examination will require you to answer 4 questions from 6. Students are responsible for checking the date of the exam once it is released on moddle. *Please note that the exam may not be on your usual semester teaching day.*

6. FEEDBACK

Feedback on assignments will be given to students within 15 working days of the assignment deadline.

7. INTRODUCTION TO STUDYING THE MODULE

7.1 Overview of the Main Content

- The project life cycle – project briefing procedure, feasibility studies; setting project objectives; setting scope, broad project plans and key milestones.
- Developing project brief and cost plan, change control procedure and configuration.
- Project Planning and programming; project monitoring and control; completion; commissioning and hand-over.
- Computer software systems for precedence network technique; critical path and Bar and Gantt charts.
- Programme Management.
- Writing the Project Management Procedures manual, maintaining the defined Project Plan and keeping records.
- Use of tools such as WBS, CBS, Earned Value, 3 time/cost analysis, Project Risk Management, Value Engineering, Value Management, Quality Control.
- Leadership, group working, chairing meetings. Communication systems – formal and informal.
- Innovations in project management - new forms of procurement including partnering and framework agreements; supply chain management; technology clusters; lean construction; managing programmes of projects in the public and private sectors - privatisation, outsourcing and PPP.

7.2 Overview of Types of Classes

- A series of formal lectures
- Follow up workshops/tutorials to discuss lecture topics and assignment brief

7.3 Importance of Student Self-Managed Learning Time

You will need to supplement lectures and workshops with literature searches, reading and study in your own time if they are to get the most of the module. You have internet access to the University's web site where you can search for books and reserve those you think are useful. You can also access some e-books and e-journals. The Perry library's opening hours can be found at <http://www.lsbu.ac.uk/library/index.shtml>

8. EMPLOYABILITY

Project management is a transferable skill with generic characteristics and also characteristics specific to the construction industry. This module will give students grounding in the understanding of project management and some practical skills such as the use of MS Project which is a widely used application.

9. THE PROGRAMME OF TEACHING, LEARNING AND ASSESSMENT

Week No	w/c date	Lecture Content	Lecturer	Tutorial
1/1	27Jan	Introductory lecture covering module guide, terminology & definitions, historical context, transferable skills of project management and coursework	EV	Introduction to the assignment
2/2	3 Feb	The project lifecycle and the duties of the client project manager	EV	
3/3	10 Feb	Procurement routes. Which procurement route for the client? Also looking at alternatives such as PFI, PPP and partnering	EV	
4/4	17 Feb	Appraising the Options	EV	
5/5	24 Feb	Management of Cost Costing at different stages in the project lifecycle including optimism bias.	EV	
6/6	2 Mar	Management of Time. Delays in the Design and Construction of Building. Network analysis, calculating the critical path and variations.	EV	Assignment Workshop
7/7	9 Mar	Introduction to MS Project for project planning	TBC/ EV	MS Project Workshop
8/8	16 Mar	Project Governance– Risk Management		Introduction to MS Project for project planning
9/9	23 Mar	Leadership	EV	Assignment Workshop
10/10	30 Mar	Management of Health & Safety	EV	Assignment Workshop
Easter Break	6Apr 13 Apr 20 Apr	E A S T E R B R E A K		Assignment submission <i>Mon 20th Apr.</i>
11/11	27 Apr	Value Engineering/ Revision Session for Exam		
12/12	4 May	Quality in Construction	EV	Revision
13/13	11 May	NO LECTURE UNLESS SPECIFIED		
	18 May	Exam week 1		
	25 May	Revision Week NO LECTURE UNLESS SPECIFIED		
	1 Jun	Exam week 2		

10. STUDENT EVALUATION

This module was well received by students who felt that the content helped them in their working lives. They also commented that it was delivered in a professional manner.

11. LEARNING RESOURCES

Reading Lists are available on Moodle.