

**Module Outline**

**Part 1- as validated**

1.	<b>Title</b>	<b>Site Management Practice</b>
2.	<b>Level *</b>	<b>5</b>
3.	<b>Credits</b>	<b>20</b>
4.	<b>Indicative Student Study Hours</b>	<b>36</b>
5.	<b>Core (must take and pass), Compulsory (must take) or Optional</b>	<b>Compulsory</b>

**\* Foundation Level=3 Degree Year 1 = 4 Degree Year 2 = 5 Degree Year 3 = 6**

**PG (Masters) = 7**

**5. Brief Description of Module (purpose, principal aims and objectives)**

The module is designed to introduce the student to the specific knowledge and skills required by site managers and others undertaking a management function in a contracting organisation. The module includes planning and programming work, managing sub-contractors and suppliers, health and safety, site organisation and layout and contract administration.

**6. Learning Outcomes - On successful completion of this module a student will be able to:**

*(Add more lines if required)*

	Subject Specific Learning Outcomes
1.	Evaluate site management principles and practices.
2.	Explain the importance of effective communication, planning and resource management.
3.	Apply forecasting, control, planning and programming techniques to construction activities
4.	Evaluate environmental and health, safety and welfare considerations in the construction process.
	Generic Learning Outcomes
1.	Prepare information and reports using industry standard IT resources
2.	Apply theoretical techniques to scenarios in an effective manner

## 7. Assessment

### Pass on aggregate or Pass all components

*(modules can only be pass all components if this is a PSRB requirement)*

**Pass on aggregate**

### Summary of Assessment Plan

	Type	% Weighting	Anonymous Yes / No	Word Count/ Exam Length	Learning Outcomes Coverage	Comments
1.	Report	50%	Yes	2000	LO 1,2	
2.	Case study	50%	Yes	1500	LO 3,4	

### Further Details of Assessment Proposals

Give brief explanation of each assessment activity listed

#### Report

The students are required to use a given construction scenario and apply and evaluate the principles of management and the reasoning behind the use of planning and programming techniques. The students will also need to justify the purpose of progress meetings as applied to the scenario and evaluate the site manager's responsibility with regard to environmental legislation.

#### Case Study

Students will be presented with a scenario and will programme the works for the substructure and external envelop using industry standard software; from this a resource schedule for labour plant and materials should be produced. There will also be a need for students to produce a site layout and traffic management plan with justifications for their decisions.

## 8. Summary of Pre and / or Co Requisite Requirements

Health, Safety and Welfare, Construction and Materials Technology

## 9. For use on following programmes

BSc (Honours) Construction Management (Architectural Technology)

BSc (Honours) Construction Management (Quantity Surveying)

BSc (Honours) Construction Management (Site Management)

**Module Specification**

**Part 2- to be reviewed annually**

<b>1.</b>	<b>Module Leader</b>	<b>Michelle Box</b>
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<b>2.</b>	<b>Indicative Content</b>
	<p>Principles of effective site management: processes, forecasting, planning, organising, motivating, controlling, coordinating, and communicating.</p> <p>Effective communication: forms of communication, use and application, barriers, site information, meetings, diaries, planning, programming and progressing.</p> <p>Forecasting, control and reporting: quality control, plant management, sub-contractors, and suppliers. Resource management.</p> <p>Planning and programming techniques: systems for production control, stages of contract planning, programming and control methods, use of IT applications.</p> <p>Decision making, problem solving and analysis of problems.</p> <p>Site establishment and mobilisation</p> <p>Environmental considerations: impact of construction activities, law, policies and strategies, environmental economics, pollution and waste management</p> <p>Site health, safety and welfare: CDM, risk assessment, health and safety management, regulations.</p>

<b>3. Delivery Method</b> <i>(please tick appropriate box)</i>					
Classroom Based	Supported Open Learning	Distance Learning	E-Learning	Work Based Learning	Other (specify)
<b>Yes</b>					
<i>If the Delivery Method is <b>Classroom Based</b> please complete the following table:</i>					
	Activity (lecture, seminar, tutorial, workshop)	Activity Duration - Hrs	Comments	Learning Outcomes	
<b>1</b>	Lectures	34		LO1-4	
<b>2</b>	Site visit to construction site	2		LO2	
	<b>Total Hours</b>	<b>36</b>			
<i>If delivery method is <b>not</b> classroom based state lecturer hours to support delivery</i>					

#### 4. Learning Resources

*To include contextualised Reading List.*

##### **Highly Recommended**

CIOB (2014) *Code of Practice for Project Management for Construction and Development 5<sup>th</sup> Edition*, Chichester: Wiley-Blackwell

Cooke, B. and Williams, P. (2009) *Construction Planning, Programming and Control 3<sup>rd</sup> Edition* Chichester: Wiley-Blackwell

Emmitt, S. and Gorse, C. (2003) *Construction Communication*, Oxford: Blackwell Publishing

Sherratt, F. (2015) *Introduction to Construction Management*, Abingdon: Routledge

##### **Recommended**

Harris, F., McCaffer, R. and Edum-Fotwe, F. (2013) *Modern Construction Management 7<sup>th</sup> Edition* Chichester: Wiley-Blackwell

Sales, L. (2006) *The Site Manager's Bible: Everything you need to know to save time and money on your building project*, Ebury Press

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