

Module Title:	Construction Management Fundamentals
Language of Instruction:	English
Credits:	5
NFQ Level:	6
Module Delivered In	2 programme(s)
Teaching & Learning Strategies:	Lectures Practicals Project Work Private study
Module Aim:	(1) To develop a knowledge of how the industry operates (2) To teach skills in the areas of scheduling, materials control, plant and labour management (3) To explain the role of the construction manager
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	To describe the planning and organisation of work teams and time management
LO2	To prepare schedules, Gantt charts and plant costings and the process involved in management of labour plant and materials
LO3	To identify the roles and responsibilities of the construction manager within the construction industry
LO4	To describe the role of tender and contract document
Pre-requisite learning	
Module Recommendations	
<i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements	
<i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content

(1) Construction Management Fundamentals

(a) Introduction to Construction Management (b) Stages of a construction project (c) Organisational Structures (d) Management and Leadership styles (e) Waste minimisation (f) Quality Management

(2) Tendering Arrangements

(a) Open / Selective / Negotiated tendering (b) Speculative development (c) Other forms of contractor selection

(3) Materials And Supplies

(a) Documentation and procedures (b) eCommerce and Internet materials management

(4) Plant Management

(a) Plant management (b) Plant costing

(5) Role of the Construction Manager

(a) Roles and responsibilities of the construction manager within the construction industry - Construction Engineering, management of the construction process, human resource management, financial management (b) Project success criteria - time, cost, quality, scope, disputes, stakeholder management, waste management.

Assessment Breakdown	%
Continuous Assessment	50.00%
Project	50.00%

Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Examination	No Description	1,2,3,4	50.00	n/a

Project

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	n/a	1,2,3,4	50.00	n/a

No Practical

No End of Module Formal Examination

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

Workload: Full Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	4.00
Estimated Learner Hours	12 Weeks per Stage	8.00
Total Hours		144.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_CMOPB_B	Bachelor of Science (Honours) in Construction Management	2	Mandatory
CW_CMBSE_D	Bachelor of Science in Construction Management	2	Mandatory