

Liverpool John Moores University

Title: CONSTRUCTION SITE MANAGEMENT PRACTICE
Status: Definitive
Code: **4501ICBTQS** (126947)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: ICBT, Colombo

Team	Leader
Alison Cotgrave	Y

Academic Level: FHEQ4
Credit Value: 15
Total Delivered Hours: 62.5
Total Learning Hours: 150
Private Study: 87.5

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	45
Tutorial	15

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Assignment (1500 words)	30	
Exam	AS2	Examination	70	2.5

Aims

Aim(s) of the module is to provide an understanding about various functions of site management & production control and to demonstrate understanding of effective communication & coordination at site level to obtain value for money & achieve requisite quality standards.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify fundamentals of effective site management and production control in construction contracts
- 2 Analyse micro & macro environmental factors influencing effective site management and production control in various type of project
- 3 Demonstrate understanding and apply theories, principles and concepts of construction management to practical situations
- 4 Evaluate the significance of effective communication & coordination at site level to achieve quality & effective resource management and environmental requirements
- 5 Assess the role of construction manager to ensure Health, Safety & Welfare (HSW) standards during production planning and control

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Coursework	1	2	3	4	5
Examination	1	2	3	4	5

Outline Syllabus

Introduction to site management procedures: Management of Resources, Quality, Material, Supply Chain, HSW, Change at Post-contract stage
Internal factors (micro) influences on site management
External factors (macro) influences on site management
Lewin's change management theory and it's application in construction
Effective communication and coordination at site level (client, subcontractors, suppliers, the public and the workforce)
Resource management: Physical and Human
Risk management process: Risk identification, assessment, control, monitor and review

Learning Activities

Students will be supported in their learning, to achieve the above learning outcomes, in the following ways:

By a series of lectures and practical approaches to apply principles & theories of construction management and roleplay activities to familiarize effective communication & coordination methods at site level to achieve environmental, quality & effective resource management.

Self-managed studies to examine various factors influencing site management and production control at various stages of the project life cycle.

Production planning, controlling & site management during the post construction stage, communication & coordination and health safety & welfare at site level are

some key features of this module.

A recommended resource list - indicating key reading, virtual and physical learning assistance, is provided to help enable students to undertake self-directed study.

Notes

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