

Liverpool John Moores University

Title: CONSTRUCTION PROJECT PLANNING (CPP)
Status: Definitive
Code: **4500ICBTQS** (126943)
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: 47
Total Learning Hours: 150
Private Study: 103

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	45

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Multimedia Group Presentation (5 - 6 members - 30 Minutes)	30	
Exam	AS2	Examination	70	2

Aims

Aim(s) of the module is to understand design and management factors constrained by-law, undertaking project feasibility studies, methods of design briefing, various factors influencing project proposal development and improve preconstruction decision making skills at various project planning phases.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify various factors affecting effective project planning, evaluation and decision making.
- 2 Demonstrate skills to carry out project feasibility and environmental studies at project planning and appraisal phases and statutory planning.
- 3 Describe various procedures to produce effective design briefs for different complex nature projects, and recognise the application of various design and management regulations.
- 4 Recognise role of construction professionals 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:

Group Presentation	3	4
Examination	1	2

Outline Syllabus

Construction Project feasibility studies: Introduction to Technical, economic, schedule, legal, resource, mark operational feasibility
Environmental assessments: Preparation of Environment Impact Assessment (EIA)
Project scheduling and resource planning
Components of complete design brief
Introduction to CDM Regulations
Application of UDA regulations for building planning
Development Appraisals: Financial , cost benefit and profitability
Standard Documentation for statutory approvals and production information: UC/UDA/NBRO/CEA

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 analytical studies and through participation within practical sessions to collect various information.

Self-managed investigative studies to carryout viability studies and analyse crucial statutory planning, Building regulatory control and design legislation.

In-class participation to produce development appraisals and field visits to collect information & documents relate to statutory approvals are key features of this module.

Oral presentation of analytical study to enhance effective communication at project appraisal phases.

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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