D31PT Project Management: Theory and Practice

COURSE DETAILS
Course Code: D31PT
Full Course Title: Project Management: Theory and Practice
SCQF Level: 11
SCAF Credits: 15
Available as Elective: No

DELIVERY LEVEL
Undergraduate: Yes  Postgraduate Taught: Yes  Postgraduate Research: Yes
Additional Information:

COURSE AIMS
To provide the student with an understanding of the concepts and practices of construction project management used to provide value added services to clients. The course develops understanding of the issues related to the management of construction clients and other project stakeholders and how their needs can be co-ordinated, managed and delivered from the project's design stage through production to occupation and maintenance within the context of client satisfaction and the overarching construction project constraints of time, cost, quality sustainability, health and safety management.

LEARNING OUTCOMES – SUBJECT MASTERY
Use the relevant construction project management practice standards and bodies of knowledge as detailed in the BS6079, ISO 140001, RICS, CIOB, APM and PMI BoK to determine appropriate PM services

Understand client and other construction project stakeholders needs & their translation into project success criteria

Understand the key concepts involved in setting up construction project organisational structures so as to promote effective communications between construction project participants

Develop an understanding of the applicability of tools and techniques used to manage the process of project production and control within the key project constraints of time, cost and quality

Develop a knowledge of TQM approaches to construction project management & related health and safety

Develop an ability to work in teams and an understanding of leadership on the processes involved in the production of the built environment.

LEARNING OUTCOMES – PERSONAL ABILITIES
At the end of this Course the learner will be able to:

Apply strategies for appropriate selection of relevant information from a wide source and large body of knowledge
Anaylse and interpret practice problems to develop creative solutions.

SYLLABUS

Construction project management concepts, standards and services, organisational structures for the delivery of project management services, management strategies for clients and stakeholder briefing, issues related to the management of the construction project design process, and budget setting. Tools and techniques available for construction project planning and control of costs, time, risk and quality. Consideration of issues related to TQM and health and safety. Teamwork and leadership roles.

COURSE RELATIONSHIPS

N/A

LOCATION AND ASSESSMENT METHODS

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