



Professional Certificate in Construction Technology

CPD Programme (Short Course)

What is CPD?

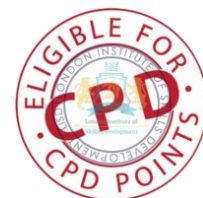
Continuing professional development (CPD) is the intentional maintenance and development of the knowledge and skills needed to perform in a professional context. This could mean honing current skills, it could mean developing them to a new level, or it could mean learning new ones that will allow an employee's job role to expand or prepare them for potential promotion.

CPD activities can range from formal educational activities such as instructor-led training courses, workshops or seminars, to more informal approaches such as work-based learning or mentoring. CPD can also include self-directed study such as e-learning courses and structured reading.

CPD can be provided by specialist companies (e.g. commercial training providers, independent coaches), or provided internally, in particular by larger organisations.

Course Objectives

This course comprehensively observes the complete cycle of construction projects from inception to handover. The content is multidisciplinary, observing aspects of engineering, building materials, finishing options, financial models, and legal terms. This course will form a necessary reference for you in every step you face in your construction project. The course starts by introducing the nature of construction projects, their worldwide significance, and why we need to study construction management. It then looks over the initial requirements of a project, the plot dedicated, the budget estimation, and other preliminary activities required by every project client prior to commencement. It then looks at the project design phase, along with details of appointing designers. Next is finalizing the design and preparing the tender for the main contractor, along with details of contractor evaluation and selection.



Interested in this course?

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Email us or give us a call.

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Learning Outcomes

This course is helping construction projects save over 5 digits by applying the content provided and understand construction contractual and financial models including the international form of agreement, understand architectural, structural, and MEP design systems by identifying the technical basis of every system and the parties involved in a project and their respective roles according to the procurement route

Program Details

Type of Training

Online / Coaching / Visual

Skill Focus Area

Construction

Duration

10 days / 40 hours

Methodology

Lecture & Case Study

Approximate number of participants

25 - 50 participants



Module Listings

Chapter 1

Warming Up

Chapter 2

Project Delivery Method & Project Objective

Chapter 3

Integration using Project Management

Chapter 4

Understanding about different types of concrete

Chapter 5

Decision to Build

Chapter 6

Contractual Modules

Chapter 7

Financial Modules

Chapter 8

Project Plot

Chapter 9

Architectural Design

Chapter 10

Structural Design