

**LECTURE NOTES
ON
CONSTRUCTION PROJECT MANAGEMENT**

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Construction Project management
(Third Year Civil)

Objectives:

This course focuses on the successful management of construction projects within budget, deadlines, and resource limits. Students will learn the basics of cost estimating, scheduling, bidding, and project control. The course focuses on:

- Project stages
- Project delivery approaches and contract types
- Detailed cost estimation
- Planning
- Scheduling using Bar charts, CPM
- Resource scheduling & Resource leveling
- Scheduling of Repetitive Projects
- Time-Cost Trade-off Analysis
- Cash flow analysis
- Project updating and delay analysis
- Bidding analysis and pricing policy
- Project control techniques

Lectures

Mondays: 12:30 – 12:30 PM

Thursdays: 2:00 – 4:00 PM

Tutorials

As per the announced schedule

Instructor

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Office Hours

Mondays 10:30-12:10 PM and Thursdays 4:00 – 5:40 PM

Teaching assistant

Eng. Ather Elshikh

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