

€ TRAINING

Project Management and Architect Engineers



11 - 15 August 2024
Cairo (Egypt)

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REF: O1681 DATE: 11 - 15 August 2024 Venue: Cairo (Egypt) - Fee: 4465 Euro

Introduction

Architectural engineers, project management includes careful planning and communication of that plan to a team of engineers. It involves the identification of project goals and milestones as well as the development of multiple scenarios and contingency plans.

Course Objectives

At the end of this course the participants will be able to:

- What do architects as project managers do?
- Is project management good for engineers?
- How do architects and engineers work together on a project?
- Why project management is important for architecture?
- Project Management and architectural engineering Software

Targeted Audience

- Architects
- Engineers
- Project Engineers
- Contractors
- Project managers

Course Outline

Unit 1: Architectural Work Inspection Guidelines

- Plastering and Painting Types and Inspection
- Tiles Materials Inspection
- Exterior Cladding Systems
- Deck and Below-grade Waterproofing
- Doors, Windows, and other Wall Penetrations
- Compatibility of Building Envelope Components for Blast Resistance

Unit 2: Are project engineers real engineers?

- Project engineers bring the power of engineering to construction management.
- Chemical engineers
- environmental engineers
- while the engineer focuses more on the technical and structural side
- an architect focuses more on the artistry and design of the building

Unit 3: Project management and architectural engineering Business Plan

- State-of-the-art modeling, design, engineering, analysis, and drafting capabilities.

- Quality control and assurance program.
- Experienced, knowledgeable owners- engineers, with a thorough understanding of building codes and the target market.
- Planning for project management implementation

Unit 4: Shaping buildings, places, and spaces

- Architectural project managers oversee the design and construction process of a building project
- Work with governments
- Public bodies on projects of national importance

Unit 5: What does it take to become a project manager in architecture?

- An architectural project manager must usually hold a professional degree
- Work closely with the clients and stakeholders of a project to make sure they're planning a design that meets their requirements.
- Responsible for scheduling technician assignments and assessing budgetary needs