

Engineering and Construction Project Auditing

Boston (USA)

16 - 20 June 2025

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Engineering and Construction Project Auditing

Code: QM28 From: 16 - 20 June 2025 City: Boston (USA) Fees: 5700 Pound

Introduction

In the dynamic world of engineering and construction, the importance of auditing in ensuring project success cannot be overstated. This 5-day course, "Engineering and Construction Project Auditing," serves as a foundational exploration of auditing practices in the context of these industries. Auditing is a critical component of project management, ensuring compliance, quality, and adherence to industry standards. Through this course, participants will delve into the world of project auditing, equipping themselves with the knowledge and skills necessary to excel in this role.

Course Objectives

- Understand the significance of auditing in engineering and construction projects.
- Define key auditing terminology and concepts.
- Comprehend the various types of audits and their relevance.
- Recognize the legal and ethical considerations in project auditing.
- Gain an overview of how audits contribute to project success.

Day 1

Introduction and Fundamentals of Auditing

- Develop the skills to plan and execute effective audits.
- Learn how to collect and analyze data during on-site audits.
- Master the art of preparing comprehensive audit reports.
- Understand how to communicate findings and recommendations to project stakeholders.
- Acquire knowledge about post-audit activities and continuous improvement processes.

Day 2

Pre-Audit Preparation and Planning

- Setting audit objectives and scope for construction projects.
- Risk assessment and identification of audit criteria.
- Developing an audit plan and checklist.
- Understanding the roles and responsibilities of the audit team.
- Gathering necessary documentation and data for the audit.

Day 3

On-Site Auditing and Data Collection

- Conducting on-site audits and site inspections.
- Data collection and evidence gathering techniques.

A graphic of a chessboard with several chess pieces (a king, a pawn, and a knight) on it. The text 'UK Training PARTNER' is overlaid on the board.

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- Interviewing project stakeholders and personnel.
- Documenting audit findings and observations.
- Managing communication and collaboration with project teams.

Day 4

Audit Reporting and Documentation

- Analyzing audit findings and identifying issues.
- Preparing comprehensive audit reports.
- Communicating findings and recommendations to project stakeholders.
- Addressing non-conformities and corrective actions.
- Documenting and archiving audit records for compliance and reference.

Day 5

Post-Audit Activities and Continuous Improvement

- Post-audit follow-up and verification of corrective actions.
- Lessons learned from audits and their impact on future projects.
- Continuous improvement in auditing processes.
- Regulatory compliance and legal considerations.
- Case studies and real-world examples of project auditing.

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