

Project Management for Critical Facilities from Design to Commissioning (13 hours)

Building, upgrading or relocating new data centers / mission-critical facilities requires extensive coordination. Project management team shall ensure all components come together smoothly. It is typically fast track from design and planning to testing and commissioning.

Further to the comprehensive training in electrical and air conditioning systems design for data center and mission-critical infrastructure, we introduce a specialized course which highlights the oversights required by a project management team who directs the manufacturing, the outfitting and the preparation for a data center / computer room while simultaneously oversees site work, infrastructure for facility, utility installation and facilitate IT installations.

This is an advanced course details about how to structure the project management activities with a common language (for data center and mission-critical purposes), avoid cost increment, responsibility gaps and duplication of effort and achieve an efficient process with a predictable outcome.

Most importantly, the course outlines how to meet the **project goal** and **SLA (Service Level Agreement)** before, during and after completion of the project defined by the owner.

Day 1

- Reviewing the Project Management Basics
 - Planning and Programming a Successful Project for Mission-critical Purposes
 - Managing a Project on Time, Cost and Quality
- Contract Management for Data Center Design and Build
- Roles and Responsibilities
- Liaising with Clients (Facility Owners, Project Owners, etc.)
- Liaising with Stakeholders
- Liaising with Design Consultants / Architect

Day 2

- Managing Facilities / Services Suppliers
- Managing Contractors
- Assessing the Project Progression and Status Meetings
- Conflicts Management
- Change Management and Accommodation
- Project Handover, Testing and Commissioning
- Cases Study

Remark

Course content can be modified based on special requests and arrangements. The course is conducted by vendor neutral Chartered Engineers (CEng) with more than 20 years' experience in building services engineering and data centre design & build.