

Fundamentals of M&E Consultancy

Overview

The course covers the fundamentals of M&E Consultancy on a typical building services / construction project. It gives an insight into the various project stages from initial scheme design to developed design, planning process, tender process, construction stage duties, handover etc. The course will consider the relationship between the M&E consultant and other project stakeholders including client other consultants and the contractor. It gives an insight into the principal standards and codes of practice applicable to M&E consultancy including an overview of the Building Regulations

Course Aim

The aim of this course is to give graduate engineers and new entrants to M&E / building services consultancy a good understanding of the role of the M&E Consultant on a typical construction project from initial client enquiry through to the final handover of the project

Learning Objectives

At the end of the course attendees will have be able to discuss the role and duties of an M&E Consultant on a typical building services / construction project as outlined in the programme below.

Programme

- Section 1: Fee proposals, Conditions of Engagement
- Section 2: The Project and Design Team
- Section 3: Project Stages
- Section 4: Contract Types and General Terms and Conditions

- Section 5: Types of Buildings
- Section 6: Essential requirements for M&E Engineer
- Section 7: Overview of Mechanical Building Services
- Section 8: Overview of Electrical Building Services
- Section 9: Overview of Building Information Modelling / BIM
- Section 10: M&E Surveys and Reports
- Section 11: Climate Action Plan 2019 and SEAI Energy Report 2019
- Section 12: Renewable Energy Systems
- Section 13: Environmental and Energy Assessment Procedures
- Section 14: Standards applicable to M&E Services
- Section 15: Overview of the Building Regulations

Who Should Attend

This course is aimed at graduate engineers and new entrants to mechanical and electrical (M&E) building services consultancy.

Duration

1 Day – 7 Hours

Trainer Profile:

Brendan Dervan is a Chartered Engineer with over 40 years' experience in all aspects of mechanical and electrical building services including; design, installation, commissioning and maintenance. After completing an electrical apprenticeship in 1982 he went on to study electrical engineering in DIT. He has worked in M&E consultancy at senior engineer / director level since 1990. In 1999 he started his own M&E consultancy, Dervan Engineering Consultants (DEC), which merged with Cundall in 2016. His Company provided M&E consultancy and project management services to a diverse range of clients in both the public and private sectors. He is owner and director of Best Training since 2019.