

Introduction to Building and Energy Management Systems.

Summary

For those wishing to gain a 'Fastrack' learning experience into Building Management and HVAC this is the course for you. Whilst most BMS systems are controlling heating and ventilation plant, not all of them will be monitoring and controlling equipment in the most energy efficient way. This introductory course will enable participants to understand the equipment used in such systems and how they are controlled. This course will enable you to gain knowledge of the basic terminology used in the industry. You will gain an increased understanding the applications, plant and equipment used. Delegates will take part in exercises throughout to embed the learning.

Target Audience

This program is suitable for anyone who is new to the world of Building Management Systems applications and control systems. It's ideal for those who are making a transition from an electrical or mechanical engineering background or who are new to the industry. In the past this course has also been a great introduction for 'non-technical' people who may be venturing into a sales role or a bureau operator role.

Prerequisites

Engineering knowledge is an advantage but not essential.

Objectives

- Introduce participants to the world of Building Control Systems.
- Overview of main plant and equipment
- Give participants an understanding of control system basics and terminology.
- Enable participants to understand the basics of HVAC Applications.
- Give participants foundation knowledge of common terms used in HVAC.
- Explanation of the makeup of a Building Management System, key components and network infrastructure.
- Introduction to BMS Controllers and input and output points.

Key Learning Take-Aways

- Participants will be able to explain what a control system is used for in Buildings
- Participants will know the differences between a BMS and BEMS.
- Participants will understand basic applications used in Wet and Air systems.
- Participants will have an increased knowledge of HVAC Terminology.

Course Duration

This course is a 1 Day, instructor-led, classroom-delivered workshop.