Mechanical Services Overview

Agenda

09:15  Arrival – Registration / coffee / tea

09:30  Session 1: Building Loads – Heating, Cooling and Ventilation

- Comfort
- Heat loss
- Ventilation
- Heat gain
- Natural Ventilation

11:15  Coffee / tea break (15 mins)

11:30  Session 2: Building Regulations and Sustainability – Design Influences

- Plan of Work
- Part L
- BREEAM and other Sustainability Benchmarks

13:00  Lunch (60 mins)

14:00  Session 3: Systems Plant and Equipment

- Heating
- Boilers
- Heat Pumps
- District Heating
- Heat emitters and systems
- Expansion
- Cooling & Ventilation
- Refrigeration
- Natural Ventilation and Cooling
- Ventilation Systems and Plant
- Cooling systems
- Water Systems
- Controls

For more information about this course contact the training team:

training@cibse.org | cibse.org/training | +44 (0)20 8772 3660
15:00 Coffee / tea break (15 mins)

15:15 Session 4: Water Services and Drainage

- Hot and Cold water services
- Drainage
- Commissioning, Testing and Soft Landings
- Commissioning examples
- Soft landings
- The need for soft landings
- Example specification

16.00 - 16.30 Q & A