

# Building Services Overview

## Agenda

09:00 Arrival – Registration / coffee / tea

**09:30 Session 1: Heating and Cooling**

- Closed circuit water systems – Heating & Cooling
- Packaged Air Conditioning Systems.
- Centralised Air Conditioning Systems, including AHUs.
- HVAC Controls encountered on Commercial Buildings.

11:15 *Coffee / tea break (15 mins)*

**11:30 Session 2: Heating, Cooling & Electrical Services**

- Domestic Hot Water
- Ventilation and Heat Recovery
- Combined Heat and Power Systems (CHPs)
- Lighting
- LV Electrical Services – Switch Boards, Distribution Boards & Final circuit

13:00 *Lunch (45 mins)*

**13:45 Session 3: Maintenance**

- Maintenance
- PPM Scheduling
- Maintenance issues and how they affect system efficacy.
- Life Cycle of an Asset

15:00 *Coffee / tea break (15 mins)*

For more information about this course contact the training team:

[training@cibse.org](mailto:training@cibse.org) | [cibse.org/training](http://cibse.org/training) | +44 (0)20 8772 3660

**15:15**

**Session 4: Legislation and statutory requirements**

- Energy Performance of Building Directive (EPBD)
- Legionella Bacteria Control
- F-Gas requirements
- Regulatory Reform Fire Safety – Fire Risk assessments
- LOLER – Thorough Examination & Inspections
- Electrical Fixed Installation and Portable Appliance testing

**16.30 - 17:00**

**Q & A**

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