

## Free CIBSE and Engineers Ireland Accredited CPD Courses

Our trained presenters can visit your offices across the UK and Ireland and present in-person CPDs to your team, or if you prefer, we can host our them online via your preferred video conferencing platform.

These seminars will contribute to your CIBSE and Engineers Ireland CPD requirement and following each seminar, all attendees will receive a certified CPD certificate.



- Uninterruptible Power Supplies
- Thermal Management
- Emergency Lighting
- Modular Data Centres





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Electrical Engineer, Arup



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# Explore our wide variety of CPD course topics, we can even tailor our presentations for specific applications such as Rail, Renewables, Nuclear Energy or Oil and Gas.

#### **AC/DC Power**

- Earthing and Neutral Considerations
- UPS Fundamentals the history, basics, efficiency, installation requirements and batteries
- Electrical Busbar Systems design and installation considerations
- Resilient Power Systems for Delivering Critical Electrical Supplies
- Single Phase UPS specifying and installation considerations
- Critical BS50171 Power Supplies For Life Safety and Emergency Lighting Considerations
- UPS and Electrical Installation, fault handling and mitigation scenarios
- · Battery Technology and design considerations
- UPS and Critical Circuit Design

### **Thermal Management**

- Addressing Data Centre Operational Challenges through Thermal Management Technologies
- Direct Expansion solutions and free cooling options
- Chilled Water systems and data centre optimisation, intelligent platforms for optimum system control and Tiers of availability in hydraulic systems
- Adiabatic and Evaporative Cooling basics of psychometric and solutions for data centre applications
- Effective Humidity Control for Data Centre Applications
- The Airflow Configuration in Data Centre Applications cold aisle containment, smart perimeter cooling and smart in the row cooling
- NEW FOR 2022 Data Centre Cooling, from Low to High Density

#### **Data Centres**

- Modular Data Centres & Buildings
- Energy Saving in Data Centres

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