

Electrical to Mechanical Conversion

📍 York, Slough, Livingston and On-site | 5 Day | [View Latest Price & Availability](#)

Course Overview:

This City & Guilds Assured course will enable you to gain a basic knowledge of mechanical principles and concepts, as well as an understanding of mechanical plant operation and isolation requirements of plant and pressure systems.

Who Is This Course For:

This course is aimed at staff working within a Mechanical & Electrical environment who would benefit from increased awareness of mechanical principles and practices as part of their current role. It also provides a foundation course for those likely to undertake other mechanical courses.

Key Learning Areas:

- Key aspects of UK legislation
- Fundamental mechanical principles, including heat transfer, fuels and combustion
- Pumps, systems and components including valve types and heat exchangers
- Refrigeration and air conditioning systems
- Pressure plant including steam
- Hot water plant and water treatment
- Compressed air plant and hydraulic systems
- Plant operating procedures - start up and shut down
- Fire protection and shutdown systems associated with mechanical installations
- Maintenance strategies and procedures



📍 York Campus

Our head office is conveniently based at York Business Park on the outskirts of York city centre. This well-established training centre accommodates a number of practical assessment areas for a highly interactive and participative training experience, alongside large comfortable classrooms with amenities such as complimentary WiFi, and refreshments.

📍 Slough Campus

Our Slough centres are ideally situated on the Slough Trading Estate, with central London and Heathrow both less than 20 minutes away. The Malton Avenue centre covers 15,000 square feet and boasts over 7,000 square feet of practical assessment training space. As with our York centre, we provide large comfortable classrooms with amenities such as complimentary WiFi and refreshments.

📍 Livingston Campus

5 Deer Park Avenue, part of the Fairways Business Park was established as our Scottish training centre in 2022. This easily accessible centre (just off the M8) services our connections north of the border, as well as those in the north of England. It houses 4 newly refurbished classrooms, as well as practical training facilities for F-Gas handling, Low Voltage and Mechanical and Pressure Systems

On-Site and Remote Training Options

We recognise some of the commercial restraints which surround sending multiple members of a team on to training courses. There are also the financial implications of accommodation, travel and time away from site.

Some of the key benefits of on-site training include; Reduced down time, Dates to suit your team and Cost effective team training

Some of the key benefits of remote training include; Live tutor-led courses, Cost effective delivery and Reduced down time

The Importance of Practical Training

Our practical facilities showcase industry standard installations, enabling delegates to gain hands-on experience in a variety of settings, designed to mimic those found across the healthcare estate.

By attending either of our AP or CP courses, you will gain transferable skills and knowledge to be able to carry out your duties in-line with HTM Guidance and enable you to react effectively to emergency situations, should they arise.