

Course Aim

Cognisant of the skills shortages in Welding and Fabrication, this course has been developed to allow companies to develop staff in welding processes; giving them the skills and knowledge to prepare materials and equipment to complete welded joints utilising a Mig Welding process.

This course is aimed at up-skilling existing staff to develop their skills and knowledge in welding processes to complete repeat manufacturing jobs to a specified standard or complete maintenance activities. The course will also provide learners with an opportunity to develop hands on skills in welding and fabrication.

Course Learning Outcomes

1. Prepare materials and equipment for welding activities
2. Understand the theory of the Mig Welding Process
3. Complete a range of welded joints
4. Manufacture a range of welded components to drawing and specification.
5. Visually inspect components to drawing and specification
6. Understand a range of welding technologies available in the welding industry

Schedule

- A blend of face to face day release classes and practical supported by on line materials. Additional free courses including Abrasive Wheels, IOSH Working Safely, CCSNG Safety Passport and Save a Life.
- A personal development programme will run aside practical sessions during the 16 weeks.

Starting on Tuesday 18 October 2022 from 3-7pm thereafter for practical sessions for 16 weeks. The personal development programme will include the additional courses, self-study and interpersonal skills training.

Course Content

- Health and Safety in a Welding Environment
- Welding Processes and Techniques.
- The application of the Mig Welding processes.
- Preparing materials for Mig welding processes
- Setting up and adjusting Mig Welding equipment
- Forming a range of welded joints using Mig Welding Processes.
- Manufacturing a range of components to drawing and specification.
- Completing positional welded joints
- Visually inspecting welds.
- Identifying defects in welds and understanding their cause.
- Introduction to automation in the welding industry.

Employer Costs

- Large employer at 30% contribution. This is fantastic value for money with a 70% reduction.
- Micro, Small and Medium employer at 10%. This is fantastic value for money with a 90% reduction.
- Free licence for Autodesk package.

Learner Costs

The training is free if you meet the following criteria:

- Aged over 19 years of age
- Working, recently unemployed within the last 12 months or looking for work e.g. coming back into the workforce after a career break
- Resident in the UK and legally entitled to work in the UK
- Free licence for Autodesk package.

This course will be starting on 18th October (Tue) for 16 weeks between 3:00 - 7:00pm

Scan the QR code, visit our website (www.lcwc.ac.uk) or email admissions@lcwc.ac.uk for more information!

