



Welding for Beginners - Manual Metal Arc (M.M.A.) & Metal Inert Gas (M.I.G.)

Aims

Learners will be able to use an electric Arc welder and a MIG welder. Aims to give an introduction to the basics of ARC & MIG welding, welding procedures, electrode selection, MIG settings/machine set up, welding of several joints in both the horizontal and vertical positions

Content

Welding of mild steel plate - 3mm, 6mm 8mm 10mm, Horizontal and Vertical joints with both the ARC and MIG to yield - Fillet, Butt, Corner and Lap joints. Welding of light box and angle iron
Electrode selection - 2.5mm, 3.2mm, 4.0mm, General introduction into welding procedures & technology, Setting up of Welding equipment in terms of plant parameters and machine settings.

Assessment/Examinations

Continuous assessment will take place throughout the 10 Weeks. There will be no examination.

Entry Requirements

There are no educational entry requirements. Learners should be aware, however, that safety goggles/glasses, boots, gloves, welding shield (automatic type if one prefers) and overalls/workshop coat are required to participate in this programme. Please note that these items are not provided by LIT. An adequate level of English is also required to participate in this course for Health & Safety reasons.

Award:A Certificate of Completion will be awarded to eligible participants

Department:Mechanical & Automobile Engineering

Campus:LIT Moylish

Level:NA

Duration:10 Days

10 Weeks, 2 hours per week

Tuesday from 7.00pm to 9.00pm

Proposed commencement date of Tuesday 1st October 2019

Course Location:LIT Moylish

Application Deadline:20th September 2019

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Days

Course Fees:

€375

This course has been approved by Next Level Skillnet for a fees subsidy of up to 30% for students whose company is a member of the Next Level Skillnet Network. Please note that there are a limited number of subsidies available and funding will be offered on a first come, first served basis. To qualify for Next Level Skillnet funding, an employer must be a private sector company and must either pay their employees' fees directly or reimburse employees who pay fees themselves. Companies who do not qualify under these criteria may still enroll on the course, however they would not be eligible to receive funding from Next Level Skillnet.



Contact:

Further Information

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For academic queries

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