



A Training Course on Welding Techniques

Duration : All short courses between 3-5 days

Program Details

This short term course is designed to equip participants with the skills and expertise on various welding techniques. Participants will acquaint adequate hands-on experience in performing welding operations on conventional and modern welding methods including Tungsten Inert Gas (TIG) and Metal Inert Gas (MIG) to produce a range of metal joints and assemblies. The following topics will be covered on the course;

Conventional Welding

- Electric Arc Welding (EAW)
- Fuel Gas Welding (GW)
- Modern Welding

Tungsten Inert Gas (TIG)

- Metal Inert Gas (MIG)
- Friction Welding Demo

Learning Outcomes

- To understand the principle of welding principle and types of welding operations
- To understand the types of welded joints and practice how to make them using a range of welding operations.
- To develop knowledge on parts of the welding machine, electrodes, polarity settings, types of weld position complying with the AWS.

Target Participants

The course would suit any individual working professionals or organizations who are interested in sending groups of staff for training. Ideally, participants shall be diploma holders and engineering graduates, working technicians, practicing supervisors, academicians and laboratory staff and engineers.

Pre-requisites

Participants must have an adequate knowledge on basics of welding and various types of welding processes etc.