

Course Overview:

In this course students will be introduced to the various types of welding methods and equipment used. Students will learn about personal protection and safety while operating welding equipment. Students will also be introduced to two different types of thermal cutting using both plasma and oxy/fuel equipment.

Course Objective:

- Welding techniques
- Oxy fuel gas welding
- Shielded metal arc welding
- Gas tungsten arc welding
- Metal heat treatment
- Welding defect
- Welding inspection and test

Course Outline:

- Introduction To Welding
- Basic Welding Joints
- The Welding Symbol
- Safety In Welding
- Codes And Standard
- Oxy Fuel Gas Processes
- Shield Metal Arc Welding (Smaw)
- Gas Tungsten Arc Welding (Gtaw/ Tig)
- Gas Metal Arc Welding (Gmaw/ Mig/Mag)
- Heat Treatment Of Metals

Who Should Attend:

Electrical or mechanical engineers and technicians who deal with welding in their work places.

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation