



Special Welding Applications

Date	Venues	(\$Fees	Book your seat
07 Dec -11 Dec 2025	Cairo	2900	Register Now

Course Overview

This course is intended for personnel who have a role related to welding of offshore oil and gas pipelines and production systems. The training will give an improved understanding of different material issues related to welding in the offshore industry.

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

Who Should Attend?

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

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

Training Methodology

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning

- Class Activities
- Case Studies
- Workshops
- Simulation



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