

Introduction to Welding

Course Description

Designed to instruct welders in welding safety and maintenance welding utilizing various processes like Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW) and Oxyfuel Cutting (OFC).

Course Content

Day 1

Introduction to welding safety and the SMAW process including electrodes: types, selection, classification and qualification as well as discontinuities/defects causes and cures.

Day 2

Introduction to the GMAW process including electrodes: types, selection, classification and qualification as well as gas selection and discontinuities/defects causes and cures.

Day 3

Introduction to the GTAW process including electrodes: types, selection, and classification as well as gas selection, polarity, and discontinuities/defects causes and cures.

Day 4

Introduction to hardfacing applications including electrodes: types, and selection as well as types of wear and basic metallurgy.

Day 5

Introduction to the OFC process, plasma cutting and air arc gouging.

30 Clock Hours: Lab - 25, Class - 5

Course Fee:
\$450.00

2010 Course Dates:
Feb 22 - 26
Apr 12 - 16
June 7 - 11
July 19 - 23
Oct 18 - 22

