

## Welding Theory and Inspection Course

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### Description

This course is designed to teach welders and / or supervisory personnel about the weld processes and weld defects and their correction. It is customized to the customers application. Visual weld inspec-

tion and logging techniques are taught. Destructive and non-destructive weld techniques are also examined. This course can easily be customized to fit your companies needs.

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### Outline

- Intro Welding Processes (GMAW/FCAW/SPOT/ SMAW/GTAW)
- Welding Safety
- Introduction to Welding Defects and Correction
- Visual Welding Inspection
- Weld ID Reporting and Tracking
- Destructive Weld Testing
- Non-Destructive Weld Testing
- Lab Demonstration Exercises

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### Prerequisites

There are no prerequisites for this course except a willingness to learn and a desire to participate in an instructor led, "hands on" course.

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### Performance Objectives

At the completion of this course the participant will be able to better understand their weld processes and how to inspect, track and improve their welding processes.

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### Course Length

40 hours/Up to 12 participants.