

# Flux Cored Arc Welding - Semiautomatic

## Course Description

Designed to instruct welders in welding safety and the Flux Cored Arc Welding process (FCAW) for both self-shielded (Innershield®) and gas-shielded (Outershield® and UltraCore®) methods. The course lasts 1 week, involving approximately 30 hours of booth instruction, lecture and practice.

## Course Content

- Learn fundamentals of FCAW Self-Shielded (Innershield®).
- Learns fundamentals of FCAW Gas-Shielded (Outershield®).
- Weld on 10 gauge through 1 inch thick material in all positions.
- Use a variety of electrodes, wire feeders and power sources.
- Typical joint designs used in construction and shipbuilding are welded, which consist of fillet, lap, groove and butt welds.
- Final weld tests are on 1 inch bevel plate vertical up with and without a backin bar.

30 Clock Hours: Lab - 26, Class - 4

**Please Note:** If a student desires to practice on different types of welds, and/or materials other than those offered, material must be provided by student.

## Course Fee:

**\$425.00**

## 2010 Course Dates:

**Jan 4 - 8**

**Feb 8 - 12**

**Mar 1 - 5**

**May 3 - 7**

**June 14 - 18**

**July 26 - 30**

**Tues Sept 7 - 10**

**Oct 18 - 22**

**Nov 29 - Dec 3**

