



DAIHEN, Inc.
ADVANCED WELDING & ROBOTIC SYSTEMS
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WPS OPERATOR/MAINTENANCE TRAINING COURSE DESCRIPTION

The *WPS Training Course* can be based on several levels that will teach an operator and or maintenance personnel how to operate in manual and robotic modes, functionality, troubleshooting and proper application setup to get the most out of the OTC Daihen WPS. This is a customizable course which can include D-series or Welbee series welders and peripherals. Class times will be 9 AM to 4:30 PM with an 1 hour lunch break at noon.

Upon successful completion of this course, students will be able to perform the following tasks:

Operator:

- Features and Functions of the WPS (DMs/DPs, or Welbees)
- Features and Functions of peripherals (Wire Feeder and Torch)
- Programming to include options.
- Go over Alarm Error codes and what to do
- Practice Welding in Manual and Robotic modes

Operator and Maintenance:

- Features and Functions of the WPS (DMs/DPs, or Welbees)
- Features and Functions of peripherals (Wire Feeder and Torch)
- Programming to include options.
- Go over Alarm Error codes and what to do
- Proper testing procedures
- PCBs and their functions
- Power components and their functions (IGBT, Diodes, etc.)
- Reading schematics from input power to weld output
- Trouble-shooting with various test equipment

In addition to classroom lectures and discussions, there will be several “practical” programming and troubleshooting exercises.

A “Certificate of Achievement” is awarded to those students attending this two (2) day course who successfully complete all “practical” exercises.