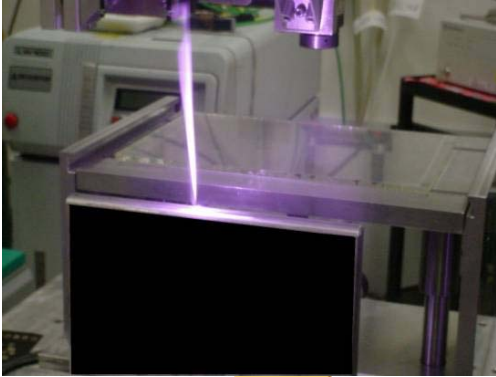


Introduction to Laser Welding and Equipment Fundamentals



OVERVIEW

This one-day course introduces attendees to the laser as a materials processing tool. It provides a solid background on the issues that influence day-to-day laser processing. The course is for those who are new to lasers or need to become more proficient in laser terminology, equipment, procedures development and problem troubleshooting. Class includes lecture, course materials, lab demonstrations (as applicable) and certificate of completion.

COURSE OUTLINE

- Light and Lasing
- Laser Types and Basic Laser Components
- Transfer of Energy
- Optics
- Quality Control and Laser Beam Monitoring
- Laser Welding and Parameter Development
- Laser Welding Defects
- Welding Metallurgy
- Joint Design
- Laser Safety
- Hands-on Lab Experience

REGISTRATION

To register or learn more, visit ewi.org/events, email training@ewi.org, or call 614.688.5000 and ask for Training.



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