



**Laser Institute  
of America**  
*Laser Applications and Safety*

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Orlando, FL 32826

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Orlando, FL  
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**INFORMATION REQUEST** (fax or mail in)

**FAX: +1.407.380.5588**

Name: \_\_\_\_\_ Organization: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Ph: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

**Types of lasers used** (select all that apply):

☐ CO<sub>2</sub> ☐ Nd:YAG ☐ Fiber ☐ Ho:YAG ☐ Other \_\_\_\_\_

**Applications with your laser(s)** (select all that apply):

☐ Cutting ☐ Welding ☐ Drilling ☐ Communications ☐ Marking ☐ Alignment  
☐ Medical (please specify) \_\_\_\_\_ ☐ Other \_\_\_\_\_

**I would like more information on the following program(s)** (select all that apply):

- ☐ Industrial Laser Safety ☐ Medical Laser Safety Officer  
☐ Laser Safety Officer ☐ Medical Hands On Skills Validation  
☐ Laser Safety Awareness ☐ Medical Laser Safety Awareness

Estimated number of people to train: \_\_\_\_\_

**Contact Preferences:**

- ☐ Please email me a quote  
☐ Please fax me a quote  
☐ Please call me to discuss my training needs  
Best time to call: \_\_\_\_\_

BRING CUSTOMIZED

# Laser Safety Training

TO YOUR FACILITY



**Laser Institute  
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[www.lia.org/education/inhouse](http://www.lia.org/education/inhouse)

# IN-HOUSE LASER SAFETY TRAINING

## INDUSTRIAL LASER SAFETY

Powerful industrial lasers require state of the art training and powerful solutions to laser hazards. This one-day course will identify and explain what beam and non-beam hazards exist in materials processing. Following the hazards discussion our instructor will present methods of controlling laser hazards. Lastly, OSHA regulations and consensus standards will be discussed. If you use a laser for cutting, drilling, welding and marking this is the course for your facility.

**LIA is the Source** for laser safety training worldwide. Our instructors are the foremost authorities in the fields of industrial, medical and research laser safety applications. With our wide variety of expert instructors, LIA can meet any training need your organization may have.

LIA can train your whole staff:

- Laser Operators
- Laser Technicians
- OR Nurses
- Environmental, Health & Safety Professionals
- Engineers
- Managers
- Customers
- Sales/Marketing
- Laser Area Personnel

## LASER SAFETY OFFICER

This course is designed to provide participants with the knowledge required to perform the duties of Laser Safety Officer as described in the *American National Standard for Safe Use of Lasers*. Areas covered are lasers and optics, applications, laser bioeffects, laser hazards and hazard analysis, non-beam hazards and control measures. It also includes training on laser safety program development and administration.

## LASER SAFETY AWARENESS

The ANSI Z136.1, for the safe use of lasers standard states, "training shall be provided to each employee routinely working with or potentially exposed to Class 3B or Class 4 laser radiation." The LIA can bring this laser safety training to your facility. This course will cover specular and diffuse reflections, bioeffects, non-beam hazards, laser system classification and control measures. Train all your laser area personnel at one time so they are on the same page.

## MEDICAL HANDS ON SKILLS VALIDATION

This in-service consists of a didactic presentation and a hands on demonstration using your lasers. The format of this course meets the criteria set up by ANSI and ASLMS. Laser physics and safety will be discussed according to your specific wavelengths. Policies and procedures examples as well as modules and a validated skills check will also be provided. The hands on will include demonstration with return demonstration on the various lasers.



## MEDICAL LASER SAFETY OFFICER

This course is designed to give operating room personnel a basic foundation, you will gain valuable knowledge and understanding of laser biophysics, tissue interaction and laser safety in a medical environment. The MLSO course addresses laser safety protocols according to the ANSI Z136.3 *Safe Use of Lasers in Health Care* standard, AORN recommended practices and ASLMS practices.

## MEDICAL LASER SAFETY AWARENESS

This in-service is designed for medical facility personnel working with lasers in medicine and surgery. Clinical, technical and administrative aspects of managing safe and productive laser services in health care facilities are discussed.

## CONSIDER THE BENEFITS OF BRINGING LIA IN-HOUSE FOR TRAINING

- Customized content to fit your needs.
- Train when it's convenient to you — weekend programs are available.
- Save money on registration fees and travel expenses.
- Get your entire staff trained.
- Get your laser set up looked at and inspected by experts in the field of laser safety.

## REQUEST A CUSTOMIZED QUOTATION BY DOING ONE OF THE FOLLOWING:

1. Submit this form at [www.lia.org/education/inhouse/quote](http://www.lia.org/education/inhouse/quote).
2. Email the LIA Education Department at [courses@lia.org](mailto:courses@lia.org).
3. Call 1.800.34.LASER to speak with the Education Department
4. Fill out the attached form and fax it back to +1.407.380.5588.