

LASER INSTITUTE OF AMERICA'S

# IN-HOUSE LASER SAFETY TRAINING

Bring customized laser safety training to your facility.



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laser safety solutions

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



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

# IN-HOUSE LASER SAFETY TRAINING

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**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

## 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. Visit [www.lia.org/education/inhouse/quote](http://www.lia.org/education/inhouse/quote) and fill out the online form.
2. Fill out the attached form and submit:
  - » by fax to +1.407.380.5588
  - » by mail to: 13501 Ingenuity Drive, Suite 128, Orlando, FL 32826

For any additional questions, contact the Education Department at **1.800.34.LASER** or **[courses@lia.org](mailto:courses@lia.org)**.

## INDUSTRIAL LASER SAFETY TRAINING

### 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 ANSI Z136.1 *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 *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 LASER SAFETY TRAINING

### 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. Our medical laser safety expert will provide a hands-on demonstration, followed by guided practice for your personnel.

### 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 Guidelines 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.



# INFORMATION REQUEST

**Fax this form to:** +1.407.380.5588 or

**Mail to:** 13501 Ingenuity Drive, Suite 128, Orlando, FL 32826

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

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

Address: \_\_\_\_\_

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

Phone: \_\_\_\_\_ 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):

- Laser Safety Officer                       Medical Laser Safety Officer  
 Laser Safety Awareness                       Medical Hands-on Skills Validation  
 Medical Laser Safety Awareness

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

**Thank you for your request.**

*Your customized quotation will be sent by email to the address listed above.*