

Introduction to Laser Safety-Online Course Outline

Overview:

With the advent of a wider variety of more powerful lasers integrated into many areas of modern life, the issues involving laser safety are of even greater importance. People working with lasers, or with equipment containing lasers, need to understand the hazards associated with laser light, and know what precautions are in place to control these hazards. After taking this course, laser operators, and those working with equipment containing lasers, will be able to identify the nature and hazards of laser radiation, describe safety issues associated with the use of lasers in industrial and research environments, become familiar with standards and guidelines in order to control laser hazards, and identify and follow exposure controls and emergency procedures.

Who should take this course?

This course is intended for employees that work with lasers, or with equipment containing lasers, or work in areas where lasers are used.

Learning Outcomes:

In this course, students will:

- Identify the nature and hazards of laser radiation
- Describe safety issues associated with the use of lasers in industrial and research environments
- Become familiar with standards and guidelines in order to control laser hazards
- Identify and follow exposure controls and emergency procedures

Topics:

- Electromagnetic Radiation
- Characteristics of Laser Light
- Laser Components
- Types of Lasers
- Laser Hazards
- Guidelines and Standards
- Classification of Lasers
- Exposure Controls
- Laser Safety Program

Prerequisites:

None

Registration:

Register online at www.csregs.com, or call 1-800-711-2706 Ext 1.

Discounts:

For companies wishing to register multiple students, the following discounts are available:

- 10% discount for 5-10 licenses
- 15% discount for 11-20 licenses
- 25% discount for 21-50 licenses
- 45% discount for 51-100 licenses
- Call for preferred discounts for over 101 licenses!

To take advantage of the above discounts, **please contact us at 1-800-711-2706 Ext 1 BEFORE registering.** We will issue your company a series of licenses to be used during the registration process.