



## Course Outline

### Medical Laser Safety Officer (MLSO) 2 Day Course

(Optional 3<sup>rd</sup> morning for Hands-On at Ohio Courses)

Professional Medical Education Association

The Laser Training Institute™

[www.LaserTraining.org](http://www.LaserTraining.org) 800-435-3131

<p>Day 1 8:00 am Registration, Coffee Course 8:30 - 5:00</p> <p><b><u>LASER &amp; ENERGY CONCEPTS</u></b> Practical biophysics, tissue optics, laser optics, dosimetry, parameters, terminology.</p> <p><b><i>12:00 - 1:30 Lunch - on your own</i></b></p> <p><b><u>LASER HAZARDS &amp; SAFETY</u></b> In both Aesthetic and Surgical Settings. This includes CASE HISTORY'S of LASER COMPLICATIONS and ACCIDENTS, and requirements to establish a Laser Safety Program.</p> <p><b><u>5:00 Adjourn</u></b></p> <p>The following slide presentations are included in the student's materials to provide concise summaries on "How To", but are not presented in the seminar as separate lectures because the content is integrated into the overall Safety lecture given. These are provided more as separate "take home" checklists to follow.</p> <ul style="list-style-type: none"> <li>• <b>HOW TO SETUP AND ADMINISTER A LASER SAFETY PROGRAM</b></li> <li>• <b>HOW TO CONDUCT MEDICAL LASER SAFETY AUDITS</b></li> </ul> <p><b><u>Other Included Materials:</u></b></p> <ul style="list-style-type: none"> <li>• 2 Powerpoint Shows for Laser Safety Inservices</li> <li>• Sample Laser Policies &amp; Procedures</li> </ul>	<p>Day 2 Course 8:00 - 5:00</p> <p><b><u>CONTINUE with LASER HAZARDS &amp; SAFETY</u></b></p> <p><b><u>A.N.S.I Z136.3 STANDARDS FOR THE SAFE USE OF LASERS IN HEALTH CARE FACILITIES.</u></b> A review of the major sections of ANSI Laser Standards highlighting sections that give the MLSO discretionary authority in establishing hazard zones and wearing of protective eyewear.</p> <p><b><u>LASER CERTIFICATION REVIEW - Prepare specifically for the afternoon NCLE/BLS exam</u></b> You should download and <a href="#">print a copy of the REVIEW OUTLINE</a> to study.</p> <p><b><u>12:00 - 1:30 PM Lunch - on your own</u></b> NOTE: At the option of attendees, you may elect to skip lunch and start taking the exam right away in order to finish early.</p> <p><b><u>NCLE CERTIFICATION EXAMS. (3 hours allotted)</u></b> <b>These are at the option of attendee and already included with the course at no additional charge.</b> Offered for Medical Laser Safety Officer (MLSO)</p> <p>NOTE: If you do not take the "official" MLSO certification exam, you will be given a practice exam to take at this time, which is self graded, and necessary to earn the total number of Continuing Education Units granted.</p> <p><b><u>5:00 Adjourn - or whenever you're finished earlier</u></b> with the exam. You'll have the ability to see how you did on the exam before you leave.</p>
---	--

**ADVANCED CLASS:** The courses in our office in Grove City Ohio, given twice per year, offer an optional extra 1/2 day for Hands-On work with lasers, at no additional charge for the course. Hands-on work will be on inanimate objects and include primarily surgical lasers such as CO<sub>2</sub>, KTP, both Surgical and Ophthalmic Nd:Yags, and Argon lasers, but may also include aesthetic lasers such as CuBr, Pulsed Nd:Yag, Alexandrite and IPL (nonlaser). Participants may elect to stay for this third morning of hands-on, or can leave at the end of the 2nd day.