



THE *L*ASER COURSE

Aesthetic Laser Training & National Certification.

Perfect for training and National Certification of the Nursing and Aesthetic Staff in your Medical Practice

Great preparation for non-medical technicians to enhance your "hire-ability" in an aesthetic medical practice. Gaining this certificate shows potential employers that you're motivated and educated about aesthetic laser use. It's also the perfect entry point course for non-dermatologist physicians.



The Laser Training Institute™

a training division of

Professional Medical Education Association, Inc.

not-for-profit education, est. 1980

800-435-3131

www.LaserTraining.org

www.LaserCertification.org

3Day Course including the Review & Certification Exam on the last Day

Physicians, Nurses, Aestheticians, Medical Assistants, Surgical Technicians

Please check our website for the current schedule of dates

www.LaserTraining.org

COURSE
DESCRIPTION:

The Laser Course

Hands-On Aesthetic Laser Operator



The "Boot Camp" of Laser Training

This is a VERY INTENSIVE Hands-on program
Study in Advance with materials sent to you and preview Online Lectures

Are you a physician, nurse, aesthetician or technician in a physician supervised cosmetic practice? This is the BEST FOUNDATION COURSE available, and also helps you to obtain the NCLE Laser Certification if you desire. The International Aesthetic & Laser Association is part of the NCLE and adopts these certifications for their employees. The program will give you all the laser, energy and safety concepts that all health care users are required to have, and cover all the major aesthetic laser & IPL uses. The course will provide hands on demonstrations, and expanded additional presentations from dermatologists, plastic surgeons and industry representatives on other aesthetic and advanced management topics.

You'll get a certificate that recognizes the Aesthetic Laser Office Procedures Training. It will make you a more knowledgeable buyer of laser & IPL equipment, and you'll work with some representative equipment at the course. The afternoon of the last day is the intensive review plus the examination, at your option.

This is the "Boot Camp" Laser course to gain a solid foundation in aesthetic laser office procedures, earn a certificate of Laser Training, and, at your option, to sit for the Aesthetic Laser Operator Certification Exam. It's sufficient to get you started if you seek out some initial clinical supervision as we'll discuss in the course. It's not limited to just one Laser company - we give you a broad foundation on all of them, even though we work with 1-2 in each course to supply equipment. Our nonprofit foundation has conducted laser training for almost 30 years! This program covers all the lasers, the majority of aesthetic laser & light applications, and includes brief hands-on demonstrations with representative types of lasers. This allows you to make informed judgments about equipment and which procedures to begin with. Additional "inservice" type training by the salespeople on the specific unit you buy becomes very easy and gives you a solid knowledge base that you can't get with sales inservices alone. Your best scenario is to take this course before you commit to buying equipment so you're more knowledgeable, but it's still very worthwhile after you're offering procedures, including gaining the Certificates.

If you are working in a medically supervised practice—which is our recommendation—then your ongoing clinical experience is easily achieved by work with your supervising physician or more experienced staff.

Aesthetic Laser & Light Based Office Procedures
A Laser Certification Preparation Program
3 Day Course Outline

Day 1— 8:00am-5:00pm (times may vary slightly from course to course)

SESSION I: - Laser Fundamentals and Safety

7:30 am **Registration**

Course Introduction

Skin & Hair Biology as it relates to Laser and IPL

(oriented toward the non-physicians in the group as a primer)

Fundamentals of Laser & Light Use (Laser Biophysics), & Tissue Effects

Practical laser biophysics - Types of Lasers & Light Sources - Pulse lengths - Wavelengths

- Energy Concepts – Dosimetry – Delivery Systems - Thermal Relaxation Times -

Light/Tissue Interaction - Photodynamic Therapy—Pulsing & CW beam delivery—

BREAK

Continue with Fundamentals of Laser & Light Use

12:00—1:15 **LUNCH** - on own

Laser Safety - Risk Assessment, Administrative & Procedural Controls

Laser & Patient Treatment Safety - The “bad” outcomes that can be avoided.

BREAK

Review of ANSI 136.3 Standards—Safe Use of Lasers in Health Care Facilities

Discussion

5:00 pm Adjourn

(420 actual minutes)



Why Are Our Programs So Much More Affordable Than Others??

You have to have some perspective about what our organization is, compared to others offering Cosmetic Laser Training. We are a NON-PROFIT organization that has been teaching medical and surgical laser procedures to physicians and medical practices for almost 30 years! Teaching the safe and effective use of aesthetic laser & light based procedures is a natural extension of our primary mission of improving health care and safety through continuing medical education. If you look at most (not all) of the organizations that offer aesthetic laser training you'll find that they are all FOR PROFIT groups that got started only after the Aesthetic Laser craze started to take off. Most also have very strong commercial affiliations with specific laser companies. All laser courses need equipment in order to teach, but some of these programs are just totally owned by the sponsoring laser manufacturer. There's nothing wrong with that if that's the equipment you've already purchased. There's also nothing wrong with charging what the market will bear if you are a for profit company. The old adage that “you only get what you pay for” certainly does not apply when you're comparing these young for-profit cosmetic training companies with our long-established non-profit medical education organization. We offer the best quality and credibility at affordable fees.

Day 2 – 8:00 am-5:00 pm (Individual topic times may vary)

SESSION II:Aesthetic Laser/Light Procedures. (Lectures & Video Clips)

Skin Rejuvenation (nonablative), Wrinkle Reduction, Acne Treatment

Diode, CuBr, Pulsed Dye, Nd:Yag Lasers, IPL, LLLT, and RF electrical

Vascular & Pigmented lesions - CuBr, Pulsed Dye, KTP, Alexandrite

Patient Selection - Laser Types & Technique - Pre & Post Op Care - Results - Complications & Management. Rosacea, Telangiectasia, spider veins, Angiomas, port wine stains, benign brown lesions such as freckles, lentigines, etc.

Tattoo Removal - Q-Switched Tattoo Removal Lasers

Discussion & Videos

12:00—1:15 pm LUNCH—on own

Laser Hair Removal - Nd:Yag, Diode, Alexandrite Lasers, IPL

Patient Selection - Laser Types & Technique - Pre & Post Op Care - Results—Electrolysis

Skin Resurfacing: Er:Yag, Er:Glass, CO2 & YSGG Lasers,

Ablative & Fractional Skin Resurfacing—Videos & Discussion

Patient Selection - Laser Technique - Pre & Post Op Care - Results - Complications & Mgmt

Discussion

Hands-On & Procedural Video Laser Demonstration Labs (in groups)

(Practice on inanimate materials and faculty volunteer)


Some representative Laser & IPL units will be available on site and via video to provide an introduction to typical laser use.

Discussion

5:00 pm—Adjourn—Awarding of Certificates of Attendance

(435 actual minutes)

Additional Hands-On Clinical Experience: This course is the best to get you started, but you really do need additional clinical practice after this course. We'll discuss the easy ways to accomplish this with your supervising physician, preceptors, company representatives or our own in-house assistance. The American Society for Laser Medicine & Surgery (ASLMS) also provides lists of physician preceptors.



HOME STUDY CREDITS - Those wishing to earn the additional course credits at no additional charge may earn 41.2 Contact Hours by completing and returning the post-test found on the www.lasertraining.org website, under “Home Study” programs, and then under “Tests” and choose the Aesthetic Laser Procedures. Indicate on the application form under the “payment” which course you attended and just mark it “no charge”. The Course Manual you receive for this course contains more material than we can cover in the two actual days, and this manual serves as the “Home Study” course manual. 70% is required for passing except for Arizona which requires 80%.

Day 3 – 8:00am-12pm

National Laser Certification

NCLE Laser Certification Review and Examinations

If you qualify, you may take this Review & Exam without having to attend the preceding laser course. Such applicants must pre-apply and be approved by the NCLE. However, this day IS NOT a primary teaching session. It is a REVIEW session for those with previous training. If you do not already qualify to sit for the exam by submitting evidence of laser training, then you may pre-qualify by completing a Home Study program. Full Certification requires a minimum of one year of experience in either the medical or aesthetic fields, but candidates may successfully complete the examination and become “Certification Candidates” with an appropriate Certificate issued. This is converted into the full Certification once the experience requirement has been met. Details are in the Candidate Handbook. Proctored Examinations are also available at over 750 locations worldwide through ETA International, by making application through the NCLE and receiving appropriate authorization.



8:00 am— NCLE Laser Certification Review for Aesthetic Laser Operator

This is an intensive review session for the NCLE Aesthetic Laser Certification. You must have attended the preceding laser course, or otherwise qualify to take this session by having 5 hours or more of documented laser training. If you are NOT attending the preceding training course but otherwise have the documented training hours, you may find a REVIEW PROGRAM for this test at www.LaserCertification.org under the “Study Materials” page. If you are not attending the preceding training course and do not otherwise qualify, you may qualify in advance by taking our “Aesthetic Laser Procedures Home Study” program available at www.LaserTraining.org.

9:30 am— Questions & Answers

9:45 am—BREAK

**10:00 am —NCLE LASER CERTIFICATION EXAM—AESTHETIC OPERATOR
(You’ll have the opportunity to see your results prior to leaving)**

**1:00 pm—Adjourn Testing (Latest time allotted, but most finish earlier)
(285 Actual Minutes)**

**Candidates seeking NCLE Laser Certifications should first carefully review the
CANDIDATE HANDBOOK available at www.LaserCertification.org.**

State Licensing, Insurance Qualifications and other regulatory agency requirements may be separate and distinct from either Laser Training or Laser Certification Procedures. You must determine your own requirements for either licensing or insurance. NCLE Laser Certifications do not automatically qualify non-physicians to perform these procedures. Check with your own supervising physician and the State Medical Board in your State.

COURSE OBJECTIVES:

- Describe the anatomy, histology and pathophysiology of the skin as it relates to dermatological laser procedures
- Exhibit an understanding of basic laser biophysics and laser-tissue interactions as it relates to dermatological laser and light source procedures.
- Discuss laser safety precautions for patient and personnel to include eye safety and regulatory safety requirements, including administrative and procedural controls.
- Describe patient selection, safety considerations, anesthetic options, management of complications, post-operative care and procedural techniques for each procedure discussed, to include laser hair removal, pigmented and vascular lesion removal, treatment of Acne, Skin Rejuvenation and Skin Resurfacing.
- Explain conceptually how lasers work, and explain the differentiating characteristics of lasers
- Discuss the pertinent energy, optical and fiber concepts that are applicable to medical laser use
- Describe four different types of laser/tissue interactions and explain the importance of thermal confinement to aesthetic outcome.
- Describe the types of hazards which laser presents to personnel and patients.
- Explain the safety precautions and procedures recommended by ANSI during laser medical procedures.



Pre-Treatment for Er:Yag Ablative Skin Resurfacing, topical anesthetic under saran-wrap covering.



**Provider Approved by the California Board of Registered Nursing
Provider # CEP 12386**

**Aesthetic Operator Full 3 Day program with review and examination: 22.8 contact hours
For those completing and returning the home study portion included in this program: 41.2 Contact Hrs**

**Note: Most State Boards of Nursing have reciprocity for accepting credits for continuing education.
Check with your own State Board of Nursing.
Certificates of Attendance will be provided.**

Program qualifies for Category II CME's for physicians, which must be submitted by the individual physician. (Teaching under Cat II standards allows us to work with the laser equipment)



COURSE FEES: includes all materials

- Full Course with 3rd Day Review & Exam—\$1395

DISCOUNTS!

Two people register together and 2nd person is 1/2 price!
..... also - **prepayment of 30 days or more in advance saves \$100 off the regular fee!**

PLUS! - If you buy our Aesthetic Laser Procedures Home Study program through our website in advance, we'll apply 100% of that fee toward these courses if you register within 6 months of buying the home study program. - You have nothing to lose.



FACULTY - Rotating Faculty between:

(One or two faculty are physically present at each course, and the others may make presentations or take audience questions remotely utilizing online videoconferencing and projection methods. Faculty participation will rotate from course to course)

Gregory T. Absten, B.Sc., MBA.
Executive Director
Professional Medical Education Assn.

Previously Board of Directors, Laser Safety Seat. American Society for Laser Medicine & Surgery.
Member of the ASLMS Laser Safety and the Credentialling Committees.

Chairman, National Council on Laser Excellence (NCLE)

A 30 year veteran in the Medical Laser Field, Mr. Absten is an internationally recognized lecturer and author on the subject of medical laser applications and safety. He is the Executive Director of Professional Medical Education Assn., Inc. -- the non-profit group sponsoring this course through the Laser Training Institute division. A Scientific Fellow with the American Society for Laser Medicine and Surgery, he has served as the Course Director for the ASLMS "Laser Biophysics and Safety Courses" for a number of years at their annual scientific meetings, and has taught for the Nursing Course and "Fundamentals of Laser" Course of this meeting many times. He currently is the Exhibits Chairman for the annual Scientific Meeting, member of the Laser Safety committee, and past member of the Board of Directors. He was a Clinical Instructor with The Ohio State University College of Medicine, and the University of Cincinnati College of Medicine. He has served as a Director or Advisor to many medical laser organizations. He chairs the National Council on Laser Excellence - a credentialing Board of the nonprofit organization. He has taught hundreds of physician and nursing laser courses and has been actively involved with hands-on physician training in both surgical lasers and endoscopic procedures in most specialties. He holds all of the NCLE Laser Certifications. His initial clinical background in the 70's involved Critical Care patient management as a Registered Respiratory Therapist, while he built lasers at home.



Professional Medical Education Association provides the accreditation for nursing for the annual American Society of Lasers in Medicine & Surgery scientific meeting, including their pre-conference and aesthetic laser courses.

Curriculae Vitae available at <http://www.lasertraining.org/Administrative/Library/AbstenCV.htm>
(You can copy and past this into your browser)

Michael H. Coverman, MD
Private Dermatology Practice — Austin Dermatology Clinic
Austin, Texas



Dr. Coverman, M.D.

Doctor Coverman became Board Certified in Dermatology in 1977, and set up practice in Austin Texas shortly thereafter. He attended medical school at the University of Miami, and is also Board Certified in Internal Medicine. He was one of the early users of Lasers for Dermatological applications, and trained on Lasers with Dr. Leon Goldman in Cincinnati Ohio (considered the father of lasers in medicine) as early as 1983. Dr. Coverman has a long list of “firsts” in laser use in Austin including work with CO₂, Argon, Q-Switched Nd:Yag, KTP, Yellow Pulsed Dye, Ultrapulse resurfacing, various Diodes, and the “Dual-Yellow” CuBr Lasers. He was one of the early providers of “non-medical” skin care—opening a medically supervised skin care salon in 1981.

Curriculum Vitae available at <http://www.lasertraining.org/Administrative/Library/CovermanCV.htm>
(You can copy and past this into your browser)



Dan Little, CBET, CLRT, CMLSO
Technical Director
The Laser Training Institute™ of Professional Medical Education Association

Dan previously served as the Director of Biomedical and Scientific Engineering, and Medical Laser Safety Officer for Roswell Park Cancer Institute in Buffalo NY.

Currently the Technical Director for the Laser Training Institute™ of Professional Medical Education Association. He has served as an independent consultant on many different biomedical technology applications, and has held technical positions with various groups since 1972. He teaches in-house aesthetic laser procedures to various manufacturers, clinics and med-spas throughout the U.S., as well as in-house laser training for hospital surgical departments.

Curriculum Vitae available at <http://www.lasertraining.org/Administrative/Library/LittleCV.htm>
(You can copy and past this into your browser)

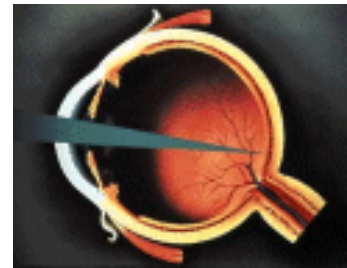
Penny Smalley, RN, CMLSO
Technology Consultants International

Penny has been actively teaching medical laser safety to physicians and nurses for more than 20 years. She is an active member of the ASLMS laser safety committee, previous Course Director for their Laser Safety preconference program and is current faculty in the preconference “Laser Fundamentals” course. Penny is also an active member of the ANSI 136.3 Laser Safety Committee for Safe Use of Lasers in Health Care Facilities. In addition to her training activities she works with hospitals and other health care facilities to conduct Laser Safety Audits as required in the ANSI standards.



WHY ATTEND?

- The Safest Way to start offering cosmetic laser procedures in your office.
- Laser Training and National Certifications for your staff significantly enhance the professional image of your medical practice.
- The BEST way to get started before investing in equipment or committing to services.
- Familiarize yourself with ANSI 136.3 Standards, or review them for clarification
- Great for Staff turnover and staying current
- Courses consistently rated excellent by past attendees
- Up to 41.2 Nursing Credits (when additionally submitting the home study portion), also qualifies for Category II CME credits.
- Physicians can meet the Laser Biophysics and Safety requirements for medical/surgical laser credentialing in hospitals.
- Ensure your compliance with OSHA and JCAHO, and INSURANCE - You MUST have a Laser Safety Officer, and documented training is almost universally required.
- Learn about NCLE Laser Certifications for Safety Officers & Laser Operators, and take the NCLE Laser Certification Examinations
- Obtain all the teaching materials we provide at the course so you can go home and train YOUR staff to meet requirements.



Many insurance companies are now requiring evidence of formal training in these aesthetic procedures prior to providing liability or malpractice coverage.

State licensing to perform these procedures by non-physicians varies in every state, and as a nonprofit educational group we are not in a position to track all of these State licensing laws. Many States have no requirements at all. We do put up a list of all the State's Medical Boards and other contacts so that you can call and investigate yourself. It's available on the Resources page of our website. We'll provide the contact list at the course, plus help wherever else we can. Licensed physicians however can perform all of these procedures in the States where they are licensed with no additional proof of training or Certifications, and can generally delegate them to nurses or medical assistants working under their supervision. Check with your state.

For physicians offering Aesthetic Laser & IPL based procedures in their practice, this is a tremendous program to get your staff trained and Certified in Aesthetic Laser Procedures, while still gaining hands-on experience under your own tutelage.

BEST VALUE FOR ANY PROGRAM!



What's Included with the Course*?

- **2 Course Manuals sent via File Transfer** - One with the powerpoints slide handouts & One the 235 page Course Manual.
- **Laser Safety Inservices sent via File Transfer** as powerpoint shows - for you to use for your own people.
- **Summary of the ANSI 136.3 Standards for Safe Use of Lasers in Health Care Facilities**
- **Specific Review Outline for the NCLE Laser Certification Exams to help your staff pass the exam**
- **Sample Laser Safety Policies and Procedures for an Aesthetic practice**
- **Hands-On Demonstrations**- These are representative types of Lasers and IPL's. We don't presume to say that this is sufficient to gain clinical competency, but these sessions are very practical and get you off to a good start. We'll discuss ways to gain additional experience.
- **CERTIFICATE OF LASER TRAINING:**
"Aesthetic Laser & Light Based Office Procedures"
- **NCLE Laser Certification** examinations. Several hundred dollars in value, included in the course.
- **Additional Credit Hours by completing the Home Study program & Home Examination for the Aesthetic Laser Procedures (41.2 Contact Hours) program.**

CLARIFICATION OF COURSE CONTENT DISCLAIMER ON MEDICAL PROCEDURES

We want to be perfectly clear about the content of these programs so that there is no misunderstanding. We are a postgraduate medical education group and we do conduct medical programs in Dermatology and Plastic Surgery with qualified physician faculty. However this Aesthetic Laser & Light Based Office Procedures Course is NOT a medical course. These are Courses for Cosmetic procedures - not medical ones. This is an important distinction. We do have many Dermatologists and Plastic Surgeons that have come to this training because it's frequently something that isn't adequately covered in the residency programs, and Family Practitioners and other non-Dermatology Physicians also benefit. The level of the training though is primarily non-medical and oriented toward benign cosmetic lesions. Even though this distinction can be somewhat "fuzzy" at times, we make the effort during this course to draw the line of when patients might be better referred out to a qualified Dermatologist or Plastic Surgeon for a cosmetic procedure rather than aggressively "testing the limits" yourself. For the non-physicians in the group we will stress the importance of medical supervision to differentiate medical vs. cosmetic conditions and for those already working in non-medical practices we highly recommend developing relationships with such specialists for referrals.

This program is also an excellent foundation course for Dermatology and Plastic Surgery Residents learning the use of lasers and light based devices.

REGISTRATION: PreRegistration is Required.

(Make additional copies for more registrations. Online registration is also available at www.LaserTraining.org)

FAX back to 305-946-0232, or mail to the Ohio Office at:

**Professional Medical Education Assn.
PO Box 997
Grove City, OH 43123**

Aesthetic Laser Proceures

COURSE CITY & DATE: _____

Registrant's NAME: _____

FACILITY: _____

ADDRESS: _____

CITY: _____ **ST** _____ **ZIP** _____

Tel# _____ **Fax#** _____

Registrant's Email (print legibly) _____

Check is enclosed

P.O. # _____

Charge My Credit Card

Visa **MC** **AX** **Discover**

CARD # _____

Expiration Date _____

3 Digit Security Code on Back _____

Cardholders Name (print) _____

Today's Date: _____

Cardholder Signature _____

Person completing this Registration: _____

Please charge me for:

The 3 Day Complete Course with the Review and Exam for \$1395

**** \$100 Discount off the full fee applies for payments RECEIVED 30 days or more in advance**

**** 2 or more persons registering together for the 3 day program may register the 2nd person at 1/2 price - both registrations should be received together, or on the same day.**

Also send me the ANSI 136.3 2005 standards for \$155 plus \$15 shipping

Please refer to the published refund policy on the website: www.LaserTraining.org

QUESTIONS? Call 800-435-3131 in the US, or 01-305-851-8081 outside the US

You may also register online at www.LaserTraining.org