Day 1: Medical Laser Safety Officer Course

Introduction

Laser Physics
Simulated Emission
Laser Wavelengths
Characteristics of Light
Light Tissue Interaction

Break

Laser Physics Cont.
Energy Density
Power Density

Medical Laser Devices and Bio-tissue effects
Review of Lasers per Specialty Delivery Systems

Lunch

Medical Laser Devices Cont.

Break

Laser Safety
Classification of Laser Systems
NHZ

Quiz
Day 2: Medical Laser Safety Officer Course

Quiz Review

**Laser Safety – Beam Hazards**
- ANSI Z136.3 Standards
- AORN Laser Standards
- CMS and TJC Standards

Break

**Laser Safety – Non Beam Hazards**
- LGAC
- Fire Safety
- Electrical Safety

**Administration of a Laser Safety Program**
- National / International Regulations
- ANSI and AORN Standards
- LSO / DLSO / LSSC
- Documentation and P & P’s

Lunch

**Laser Safety Program Cont.**
- Engineering Controls
- Training and Safety Program
- Incident Reporting
- Third Party Rentals
- Quality Assurance and Audits

**Laser Hazard Analysis**

**Final Examination**