



## **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**