Medical Laser Safety Officer
Course Agenda, Day 1

0800 – 0830  Introduction

0830 – 1000  Laser Physics
             Simulated Emission
             Laser Wavelengths
             Characteristics of Light
             Light Tissue Interaction

1000 – 1015  Break

1015 - 1115  Laser Physics Cont.
             Energy Density
             Power Density

1115 – 1200  Medical Laser Devices and Bio-tissue effects
             Review of Lasers per Specialty Delivery Systems

1200 – 1300  Lunch

1300 - 1500  Medical Laser Devices Cont.

1445 – 1500  Break

1500 - 1630  Laser Safety
             Classification of Laser Systems
             NHZ

1630 – 1700  Quiz
Medical Laser Safety Officer
Course Agenda, Day 2

0800 – 0830 Quiz Review

0830 - 0945 Laser Safety – Beam Hazards
  ANSI Z136.3 Standards
  AORN Laser Standards
  CMS and TJC Standards

0945 – 1000 Break

1000 – 1030 Laser Safety – Non Beam Hazards
  LGAC
  Fire Safety
  Electrical Safety

1030 – 1200 Administration of a Laser Safety Program
  National / International Regulations
  ANSI and AORN Standards
  LSO / DLSO / LSSC
  Documentation and P & P’s

  Engineering Controls
  Training and Safety Program
  Incident Reporting
  Third Party Rentals
  Quality Assurance and Audits

1330 - 1400 Laser Hazard Analysis

1400 - 1500 Final Examination

1500 –1800 BLS Optional MLSO Examination