

14 years of laser experience  
given in just 1 day!

# "Shedding Light on Lasers"

## One Day Laser Seminar

An easy-to-understand class (with many photos and videos)  
Hosted by SherTec, Inc

Finally an easy way  
to learn lasers!



- Learn what lasers are and what they do to most materials
- Heavy emphasis on Marking, Engraving and Cutting
- Compliancy with the Government's **UID** program and **Mil Std 130**
- If you already own a laser, learn what else it can do

This seminar is **NOT**  
a sales presentation!

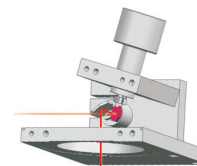
This is a unique one day seminar that gives the attendee an excellent perspective how and why a laser operates. Learn differences between popular industrial lasers, including:

**Nd:YAG**  
**YVO<sub>4</sub>** (Vanadate)  
**Fiber**  
**Green**  
**UV**  
**CO<sub>2</sub>**

Several laser systems and 2D scanner/verifiers will be available. Participants are welcome to bring materials for live processing.



.02" Gold - Cut and Engraved



### Learn how to engrave, mark and cut most materials including:

Metals  
Coated Surfaces  
Glass  
Plastics  
Wood  
Rubber



Wood



Acrylics



Grayscale



Engrave Metal



Contrast Mark

And Much More!!



- ✓ Learn why one single laser type does **not** do everything
- ✓ Learn laser beam deliveries including Galvanometer (galvo) and Flatbed (flying optic)
- ✓ Learn the differences and importance between vector and raster
- ✓ Learn about optics and how to select the right lens and when to use a rotary indexer
- ✓ Learn the Thermank (or Cerdec) process and where it may be needed or helpful
- ✓ Learn how to make direct black marks on metal without rusting
- ✓ Learn best lasers to use and techniques for engraving various materials
- ✓ Learn direct part mark (DPM) Vs. indirect marking using labels including steel, anodized aluminum, TESA Tape, and Alumamark



UID and RFID  
Creation and  
Implementation

**Cost: \$495 per person**

**Date: Wednesday, August 3, 2011**

**Time: 9:00 AM to 5:00 PM**

**Lunch: Included**

**Location:**

**Drawer Box Specialties**  
1482 N. Batavia St  
Orange, CA 92867

To register please contact Gary  
Phone: (909) 518-6000  
Email: garys@shertec.com

Payable by check only. Please make check to:

SherTec, Inc  
8018 E. Santa Ana Canyon Rd #100  
PMB 316  
Anaheim Hills, CA 92808

**All participants must be prepaid**

About the instructor:

**Gary Sheriff** is the president of SherTec, Inc. a Southern California based consulting and distributor firm specializing in laser based systems. Holding an EE and spending 7 years as an engineer in the semiconductor business, Gary also has 14 years experience in the application of laser technologies. He is recognized as being instrumental in the development of engraving, marking, cutting and welding laser processes including some consultative work. An expert in the US government's UID program, Gary has consulted with companies for UID and RFID implementation. An accomplished author, Gary also has several laser technology articles published and currently in print.