

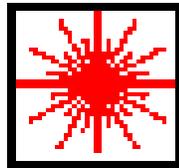
# University of South Florida Laser Safety Quiz

## References:

USF Online Basic Laser Safety Training  
USF Laser Safety Manual

## Instructions:

1. Please (carefully) read USF laser safety references before taking the quiz.
2. Print out this form and circle correct answers in black ink.
3. This is an open book exam please refer to USF references.
4. Print full name, name of principal investigator (professor/researcher), laser location, USF phone number, and today's date on spaces provided.
5. Read each question carefully and answer them all.
6. Quiz should take about 15 minutes to complete.
7. Sign your name at bottom of quiz.
8. **Please scan as PDF or picture and E-mail to [aweaver@usf.edu](mailto:aweaver@usf.edu)**
9. You can also mail in campus mail to USF LSO at MDC35.



**Any questions please call USF LSO @ 974-1194**  
[aweaver@usf.edu](mailto:aweaver@usf.edu)

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name of principal investigator (professor/researcher): \_\_\_\_\_

USF Phone #: \_\_\_\_\_ Lab location (Building/room #): \_\_\_\_\_

**Quiz (circle best answer)**

1. At USF which classes of lasers must be registered with laser safety officer (LSO)?
  - a. Class 3R
  - b. Class 2M
  - c. Class 1
  - d. Class 1M
  - e. Class 3B and 4
2. A class 1 laser under normal operating conditions is not considered a hazard (true or false)?
3. A class 2 laser beam is invisible (true or false)?
4. A laser needs an energy source to produce a beam (true or false)?
5. A laser medium in an excited state spontaneously decays directly to a ground state (true or false)?
6. Incandescent and laser light are both monochromatic (true or false)?
7. Laser light cannot damage the cornea of the human eye (true or false)?
8. A class 4 laser beam can cause a fire (true or false)?
9. The PI must maintain procedures for all class 3B and 4 lasers in use (true or false)?
10. Class 3b and/or class 4 lasers must be posted with appropriate warning signs (true or false)?
11. A laser control area does not require any supervision (true or false)?
12. Beam stops (backstops) must be constructed from diffusely reflecting material (true or false)?
13. It is OK to look at a class 4 lasers without appropriate laser safety eyewear (true or false)?
14. **LASER** stands for Light Amplification by Stimulated Emission of Radiation (true or false)?
15. Laser hazard classification is part of the ANSI standard Z136.1 (true or false)?

Quiz completed by: \_\_\_\_\_  
*Please sign name*

**Mail Completed Quiz to USF LSO @ MDC 35**