

**Snapshot!**

**Laser Safety Program**

**https://ehs.psu.edu/radiation-protection/laser-safety**

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**Who does this program apply to?**

* University employees, students, and visitors who use Class 3b lasers, Class 4 lasers, and Class 1 laser systems with embedded Class 3b or Class 4 lasers.
* Laser class labels are used to identify lasers in this program. If a laser is embedded, there will be an additional label.
* Laboratory researchers and their associates are most likely to be in the program.

**What are the key requirements of this program?**

* Supervisors of a laser system(s) must:
* Provide for the safe operation and maintenance of the lasers under their control.
* Immediately inform EHS of the acquisition, modification, transfer, or disposal of systems.
* Develop and share written operating procedures for each laser system.
* Identify individuals that require training and provide training on operating procedures.
* Provide and ensure that appropriate laser safety equipment (e.g., laser eye protection, access controls, signs, etc.) is used properly.
* Follow-up on reports of unsafe acts or conditions, ensuring work with the laser is suspended until any unsafe conditions are rectified.
* Work with EHS to schedule regular audits of their laser lab(s) and equipment.
* Employees, students, and visitors who use lasers at Penn State must:
* Follow written operating procedures.
* Perform all work in a safe manner.
* Report unsafe acts and conditions to his/her supervisor.
* Properly use approved personal protective equipment (e.g., laser protective eyewear).
  + Training Requirements:
  + EHS Laser Fundamentals and Safety Training.
  + Specific hands on training by senior laboratory personnel or the authorized supervisor prior to using the laser.
* Inspection Requirements:
* EHS routine laser audit
* Recordkeeping Requirements:
* Maintain user training records, laser specific training records, and updated SOPs

**For all other required information:**

* Laser Safety Program Description

<https://ehs.psu.edu/sites/ehs/files/laser_safety_program_description_11-22.docx>