

UNIVERSITY OF HOUSTON

Radiation Safety Manual

Radiation Safety Training Requirements

The Radiation Safety Committee requires all users of radioactive material, Class IIIb and IV lasers, x-ray machines, and other ionizing radiation producing devices requiring registration to attend and pass the applicable radiation safety short course.

Three radiation safety short courses, Radioactive Material, X-ray, and Laser are currently offered with an exam requiring at least 70% for passing. A certificate is issued to all who attend and pass. Failure to pass the course will require that a participant review the handout material again and retest as soon as possible. Failure to pass the course will lead to suspension. The three short courses are taught at least once a semester with notices sent to Principal Investigators. Other interested faculty, staff, and students are welcome to attend.

Annual Radioactive Material Safety Refresher Training must be completed within each calendar year by all radioactive material users. This is an online training module located at <http://www.uh.edu/plantops/ehrm> under Radiation Safety. There is a test with the refresher training that is pass or fail with a required minimum grade of 80%. The training module and test should take about an hour to complete.

Radiation safety training must be repeated every 5 years for all users of Class IIIb and IV lasers, x-ray machines, and other ionizing radiation producing devices requiring registration. Proof of attendance of an equitable course may be submitted to the Radiation Safety Officer for approval in lieu of the repeat course.

Authorized Users must be specifically added to a Principal Investigator's sublicense or subregistration by amendment application before they may work with radiation. Authorized Users may start work before they have successfully completed their required radiation safety short course, if they receive conditional approval from the Radiation Safety Officer because of their prior training and experience or they have received introductory radiation safety training from the Radiation Safety Officer.

Principal Investigators are also required to provide specific training to their Authorized Users regarding the safe use of radioisotopes and radiation equipment in their labs.