

NEW ONLINE PHYSICAL SAFETY TRAINING



EH&S has released four new online courses to support the basic safe work practices and use of personal protective equipment when using or operating tools and equipment. Anyone who provides, or is responsible for, the material handling equipment and/or tools is also accountable for the safety and training of their employees. While the new trainings provide enhanced safety knowledge, always train employees on the specific equipment, tool or activity.

About UW Overhead Cranes

- UW has more than **135 overhead cranes** on Seattle main campus.
- **Over 60%** of overhead cranes are managed within **academic** departments.
- Most overhead cranes are **electrically** operated (**65%**) and **manually** chain operated (**33%**).

HAND AND POWER TOOLS COURSE

Hand and power tools are inherently hazardous based on their power source and/or components. Actions workers can take to reduce their risks of hand and power tool-related accidents and injuries include preparation, ensuring a safe environment, and following inspection requirements. This course reviews how to use hand and/or power tools safely in your work. [Enroll here.](#)



Guarded band saw at the UWF Insulation shop

MACHINE GUARDING COURSE

Any machine that is not properly safeguarded poses serious mechanical hazards due to potential contact with moving parts. This course teaches users the responsibility of safeguarding the point of operations, and other moving machinery hazards, to meet machine guarding safety standards. A variety of machine guarding methods and safeguards are reviewed and can be applied to a shop, lab or research facility. [Enroll here.](#)

OVERHEAD AND GANTRY CRANES COURSE

Overhead and gantry cranes are found across the UW in public spaces, research facilities, academic and facilities shops, mechanical rooms, and power plants. An overhead crane consists of parallel runways, usually with a traveling hoist along the bridge. Cranes routinely lift heavy loads and when used properly, make moving oversized loads safer. The majority of crane accidents are caused by human error. Operators must be properly trained, complete inspection requirements, and understand how to safely lift a load. This course provides awareness-level training of safety requirements and does not certify an employee as a trained operator or inspector. [Enroll here.](#)



10 ton overhead crane at More Hall

RIGGING SAFETY COURSE



Rigging on gantry crane
Source: WA LNI

Often in conjunction with use of overhead cranes, proper rigging is paramount to moving a load safely before it can be lifted. Riggers are responsible for inspecting rigging equipment, planning the lift, securing the load to the lifting device, using safe work practices during the lift, and properly storing and maintaining rigging equipment. This course provides awareness-level training of safety requirements and does not certify an employee as a trained rigger. [Enroll here.](#)