

## Laser safety training - typical course programme

9am	Registration, tea and coffee
9.30am	<b>Basics of lasers and intense light sources</b> Terminology, characteristic features of laser radiation and intense light sources, types of lasers
9.50am	<b>Interactions with tissue and damage mechanisms</b> Thermal and non-thermal interactions, eye and skin hazards, effect of different wavelengths
10.25am	<b>Hazards of lasers and intense light sources</b> Laser and lamp hazard classes, beam reflection, non-optical hazards, equipment-related hazards, laser smoke, laser incidents
11am	Coffee and tea break Laser safety quiz (optional)
11.25am	<b>Laser and safety standards, legislation and guidance</b> British and European standards, MHRA guidance, safety management, local rules, role of laser protection supervisor
11.45am	<b>Practical laser and intense light source safety</b> Risk assessment, engineering and administrative controls, personal protective equipment, quality assurance, equipment management
12.15pm	Feedback from laser safety quiz, discussion, issue of certificates
12.45 to 1.30pm	Lunch, during and after which participants may ask individual questions

Note: bespoke and on site courses will typically be shorter as they will be tailored to the individual application.