

# Practical Photonics Skills

Continuing Professional Development course for Industry

## Five-day intensive course, 18-22 August 2025

The Practical Photonics Skills Course introduces the skills and knowledge needed to work in a technical role in the photonics industry sector. Delegates gain a top-level appreciation of common photonics components, protocols and practical skills. No prior knowledge or experience is required.

### The course contains:

- Laser safety, including appropriate use of PPE;
- Fundamentals of optics and common optical components with reflective, refractive, or diffractive properties;
- Practical laboratory activities designed to build fundamental skills and plenty of hands-on equipment time
- Optics handling and laser alignment techniques
- Activities to develop confidence using lenses, filters, interferometers, optical fibres
- Electronics and optomechanical design and assembly
- Assessment and certificate of completion



### Participant feedback:

*"hands-on experience in handling and aligning lasers and optics"*

*"A good mix of theory and practical application"*

*"Practical Photonics is an excellent course which will help people start off their career within an ever-growing industry"*

**100% of previous participants rated the course as Excellent or Very Good and would all recommend the course.**

**For enquiries or to reserve a place, contact [physics-cpd@strath.ac.uk](mailto:physics-cpd@strath.ac.uk)**