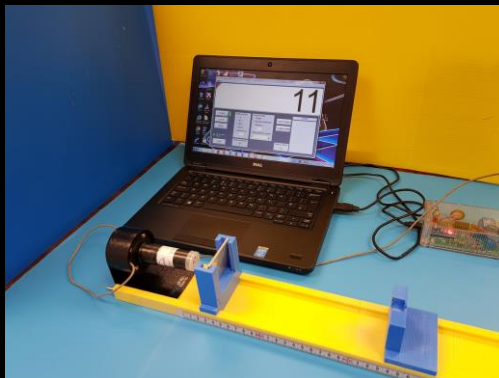


Practical Radiation Workshop

Email: science@cleapss.org.uk

Tel: 01895 251496



This course is designed to develop participant's confidence in working with radioactive materials.

Note: Participants should either have been on the CLEAPSS one day Radiation Protection Supervisor Training or the CLEAPSS RPS online training.

This course is **not** suitable for a teacher or technician with no prior experience of working with school radioactive sources.

If you are unsure about whether or not you should attend please contact the CLEAPSS physics team **before** booking.

The training will consist of hands-on practical activities using a range of different radioactive sources, and detection equipment.

Leak testing and contamination monitoring are also discussed, with practical activities to teach useful skills in these areas.

Participants will also have the opportunity to make a cloud-chamber and take it away.

Experiments covered will include:

- Spark counters and alpha radiation
- Penetration ability of beta radiation
- Inverse square law of gamma radiation
- Half-life using camping gas-mantles
- Beta back scattering
- Setting up cloud chambers

Duration: 1 Day

Times: Start 9.00am. Finish 4.00pm (approx.)

For details of the next scheduled course please see our website.

