

Nuclear Engineering

What you'll do as a Nuclear Engineer

As a Nuclear Engineer you could:

- design and build new plants and equipment
- monitor and measure radiation levels
- carry out maintenance work
- make sure that the plant structure meets legal requirements
- be responsible for security and safety
- supervise power station technicians
- plan safe methods of nuclear waste disposal

Working Environment

You could work at a power station, in a laboratory, in an office or in a control room.

How Will I Study?

You'll typically spend your full first year in a Gen2 Skills Centre for teaching and support sessions. In other years you will attend one day a week. You'll spend the rest of the time at your workplace.

Duration

24 - 42 months plus End Point Assessment, depending on the programme you study.

Next Steps

Following on from your apprenticeship you can move onto an Advanced or Higher-level apprenticeship.

There may also be the opportunity to apply for professional recognition with relevant professional institute.

Gen2 Apprenticeships

Nuclear Operative Level 2 Intermediate Apprenticeship

Nuclear Welding Inspection Technician Level 4 Higher Apprenticeship

Nuclear Technician Level 5 Higher Apprenticeship

Skills and Knowledge

You'll need:

- maths knowledge
- knowledge of physics
- to be thorough and pay attention to detail
- thinking and reasoning skills
- design skills and knowledge
- analytical thinking skills
- excellent verbal communication skills
- ICT skills

Entry Requirements

You'll usually need:

5 GCSEs at grades 9 to 4 (A* to C), or equivalent, including English and Maths, for an advanced apprenticeship.

For higher level, apprenticeships you'll require UCAS points.

For some nuclear apprenticeships, you must be over 18 years old.

Security checks will be carried out.

Apply Now at gen2.ac.uk

Call **01900 701 300** or email **recruitment@gen2.ac.uk**