

What's the purpose?

The aim of this course is to provide an understanding of engineered safeguard systems and the need for performance requirements and standards, performance assurance and technical integrity verification schemes with a particular emphasis on the nuclear industry.

Who is this for?

Managers, engineers, operators, HSE advisors and risk management practitioners.

What does it cover?

- Engineered safeguard systems
- Defining performance standards
- Functional requirements
- Availability, reliability and survivability
- Interdependencies
- Performance assurance and verification
- Technical integrity assurance
- Material selection
- Design reviews
- Fabrication tests, certification, etc.
- Construction reviews and inspections
- Commissioning tests
- Preventative maintenance systems

After completing the course you should be able to:

1. Analyse a nuclear plant to logically deduce the relevant engineered safeguard systems
2. Devise performance standards for nuclear safeguards
3. Illustrate how engineered control systems contribute to technical integrity over the lifetime of the nuclear plant

	Hours	Delivery method: face-to-face
Attendance only	15	2 days

If you are a corporate client and would like a customised delivery, please contact the training team to discuss your requirements.

What prior study is recommended?

Education, skills or experience equivalent to undergraduate level. Risktec course: Principles of Risk Management.

