

FUNDAMENTAL PRINCIPLES OF NUCLEAR SAFETY

Understanding nuclear risk and safety foundations



OVERVIEW

Nuclear safety is built on understanding hazards, defence-in-depth, and the principles that underpin safe nuclear operations.

This course provides a clear and accessible introduction to how nuclear safety is achieved and how individual actions contribute to safe outcomes.

WHO IT IS FOR

- Engineers, supervisors, and technical specialists
- Safety professionals and those new to nuclear environments
- Construction and engineering organisations working on nuclear projects

COURSE FOCUSES ON

- Fundamental nuclear safety principles and barriers
- Nuclear and non-nuclear hazards
- Learning from past events and incidents
- Safety cases, human factors, and emergency preparedness

WHAT PARTICIPANTS GAIN

- A shared baseline understanding of nuclear safety expectations
- Improved awareness of nuclear and radiological risk
- Clear insight into how safety cases and barriers work in practice

HOW IT IS DELIVERED

Instructor-led, interactive sessions using real nuclear and high-hazard examples, with discussion linked to live work environments.

PROGRAMME POSITION

Standalone course or Level 1 of the Nuclear Safety All In™ programme

CPD CERTIFICATION

CPD certified with Certificate of Completion - CPD.co.uk

CONTACT US

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