This 4½ day workshop programme is designed to give a thorough insight of Nuclear Criticality Safety theory and practice, and develop these principles with a strong operational slant.

The workshop programme is aimed at:

• People with oversight responsibility for criticality safety, for example plant managers, but not in direct supervision of the criticality safety process
• Criticality safety specialists with less than 2 years’ experience
• Individuals who, through their discipline require a working knowledge of criticality safety, for example regulators, safety case/programme managers

The workshops will include consideration of topics including:

• Fundamentals of NCS
• Limits and controls
• Operating limits and safety mechanisms
• Emergency planning and response
• Neutron kinetics
• Criticality accidents
• Characteristics of criticality
• Plant modification and change control

These topics are supplemented by several interactive group sessions to give attendees simulated first-hand experience in testing what they learn.

The workshops draw upon two courses offered by the University of New Mexico: “NCS Short Course” and “Workshop for Managers in NCS” and includes extensive UK and US experience in NCS.

This unique workshop programme will enable you to develop and embed your knowledge of NCS along with gaining an insight into contemporary safety case methodology through real workshop training. Many elements of the workshops will cover core training for both criticality specialists and those with an oversight in this area of nuclear safety. You will also benefit from networking and sharing experiences from other members of the nuclear sector, both in the UK and abroad.