

The Nuclear Technology Education Consortium: Helping to Build and Maintain Nuclear Capacity Globally

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Universities offering nuclear courses must work closely with industry to provide employable graduates from full-time courses and the flexibility to cater for part-time students returning to universities to enhance their skills. The UK Nuclear Technology Education Consortium (NTEC) was established to meet these twin demands and has the capacity to educate students from all over the world. International students have the option of accessing the programme through eLearning and also have the option of attending modules at any of the ten UK partner universities as they are delivered in an accessible one-week format. Twenty modules are currently offered covering reactor technology, decommissioning, waste management, regulation, safety and environmental impact. Experts deliver the modules augmented by industry lectures on real-life examples to support the technical and theoretical content.

Due to the modular nature of the programme students can decide on the level of qualification that best meets their needs. A full Master's in Nuclear Science and Technology option is available as well as a Postgraduate Diploma and Certificate and individual modules can be taken with or without assessment as part of a continual professional development programme. Part-time Master's students normally complete four modules in each of the first two years with their project in the third year. Accreditation of the programme by the Professional Institutes in the UK is co-ordinated by the Engineering Council.

Students from, for example, China, Canada, France, South Africa, Malaysia, United Arab Emirates and Austria as well as the UK have already successfully completed the NTEC programme demonstrating how it is helping to build and maintain nuclear capacity globally.

In this presentation I will explain how NTEC operates and how it keeps up to date with industry requirements and maintains its relevance to an ever-evolving global nuclear industry.

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