OUTSTANDING TEACHING, LEARNING AND ASSESSMENT
TECHNICAL SKILLS
NATIONAL PROGRAMME

Embedding Apprenticeship Competencies into Degree Programmes

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Managed by

ASSOCIATION OF COLLEGES
Embedding Apprenticeship Standards into Degree Programmes

The following report was written as guidance to students studying on the Degree Programmes identified below (with Lakes College), whilst undertaking either the Level 5 Nuclear Technician or the Level 6 Nuclear Scientist and Nuclear Engineer Apprenticeship Standards:

- FdEng Electrical Power and Infrastructure
- FdEng Civils and Asset Management
- FdSc Decommissioning and Waste Management
- BEng Electrical Engineering
- BEng Mechanical Engineering
- BEng Civils and Asset Management
- BSc Decommissioning and Waste Management

The OTLA Project is aimed towards Further Education and the potential use of the National College for Nuclear Experiential Learning Model in the delivery of T-Levels. Although this paper details how Apprenticeship Standards can be embedded in to Degrees, it also identifies the flexibility of the model and highlights how the utilisation of Work Based Elements can be embedded in to the delivery of academic qualifications.

Depending on how the qualifications are being written, the students may be able to contextualise their learning within their work placement in an academic module. This paper provides a framework that could be copied for any level of qualification and this now includes the new T-Levels.

The new National College for Nuclear Experiential Learning Model is embedded within the work based learning modules. The whole premise of these modules is to allow the students to map towards the apprenticeship competencies, which are the sector specific Knowledge, Skills and Behaviours required by the Nuclear Industry. The students are mostly utilising the reflection section of the NCfN ELM. They are reflecting on the tasks that they have undertaken in the workplace. In effect the spotlighting and the sensing and experiencing section of the model are being covered in the workplace. By studying these modules, they are reflecting on the experiences they have had in the workplace. If the T Levels are developed in a similar fashion, then it will naturally allow the students to reflect on the experiences they have on their work placements.