**Independent Assessor – Nuclear Scientist and Nuclear Engineer Degree Apprenticeship**

The University of Cumbria is an approved End Point Assessor for the Nuclear Scientist and Nuclear Engineer Degree Apprenticeship. The University is seeking to appoint Independent Assessors to conduct the assessment of the Degree Apprenticeship.

Details of the Nuclear Scientist and Nuclear Engineer degree apprenticeship are located at:

<https://www.gov.uk/government/publications/apprenticeship-standard-nuclear-scientist-and-nuclear-engineer>

The specialisms within the Nuclear Scientist and Nuclear Engineer degree apprenticeship are:

* Process/Chemical
* Electrical
* Instrumentation and Control
* Mechanical
* Operations and Management
* Commissioning/decommissioning
* Quality Engineering
* Physicist
* Research Scientist

**Qualifications and experience**

The Independent Assessor must be a Chartered Engineer or Chartered Scientist registered with an appropriate professional body. They must have the skills, experience and qualifications relevant to the Portfolio of Evidence being assessed. All apprentices undergoing assessment in 2017/8 are Mechanical Engineers.

The Independent Assessor must have a minimum level of security clearance of SC.

**The Role**

The Independent Assessor will conduct the assessment of the degree apprenticeship in accordance with the Assessment Plan. This consists of two elements:

* The Portfolio of Evidence and Competence Interview
* The Synoptic Project and Oral Presentation

The Independent Assessor is required to assess the Portfolio of Evidence and conduct, and assess, a Competence Interview. Assessment of the portfolio of evidence will be a paper based exercise carried out at Energus, Lilyhall. It will involve assessment of the Portfolio of Evidence against defined criteria and preparation of questions for the Competence Interview. The Competence Interview will be a structured interview that will also take place at Energus, Lilyhall. The Independent Assessor will assess the quality of the Competence Interview against defined criteria.

The Independent Assessor may need to attend Sellafield Ltd premises in order to review evidence that must remain on Site, therefore it is important that the minimum security clearance is held.

The Independent Assessor is also required to attend the Oral Presentation for the Synoptic project, and the relevant University Assessment Board at the University of Cumbria. The Oral Presentation will be carried out at Energus, Lilyhall. The Assessment Board will be conducted at the Lancaster Campus of the University of Cumbria.

The time expectations of the role are as follows based on the assumption that 4 students will be assessed by each assessor:

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| **Element** | **Estimated time per student** | **Estimated time for first cohort** | **Time period** |
| Attendance at Oral presentation for Synoptic project | 1 hour | 4 Hours\* | 24th November and 1st December 2017 |
| Portfolio of Evidence assessment | 1 day | 4 days | w/c 22/1/18 |
| Competence Interview | 2.5 hours | 10 hours\* | w/c 29/1/18 |
| Moderation and University Assessment Board attendance |  | 1 day\* | Early March 2018 |
| **Estimated total** |  | **7 days** |  |

\*this could take place over two days.

The rate of pay will be £600/day.