

Post Title: Lecturer – Electrical / Renewable Technologies

Responsible to: Curriculum Quality Manager

Education and Professional Qualifications

Essential:

- Qualification to Degree Level in Electrical Engineering or relevant qualification in Electrical Installation or Wind Turbine Technology.
- CPD relevant to the scope of the role and subject area, completed within the last 2 years

Desirable:

- TQFE/PDA/PGCE
- Have served a recognised apprenticeship in an electrical / renewables discipline.

Knowledge

Essential:

- Attainment of knowledge and skill in accordance with requirements of the course/subject/level delivered
- Knowledge across core electrical engineering principles, including electrical installation, power systems, AC/DC theory, and programmable logic controllers (PLCs)

Desirable:

- Knowledge of innovative approaches to course delivery and engaging with students from a diverse range of backgrounds
- Knowledge of industrial applications, renewable energy, or power distribution

Skills and Competencies

Essential:

- Excellent communication, organisation, presentation and interpersonal skills.
- A comprehensive working knowledge of the Microsoft Office 365 suite.
- Demonstrable ability to produce work which will enhance the learning and teaching experience within the Curriculum Area.

Desirable:

- The ability to manage challenging behaviours and to engage with all learners.
- Demonstrate the ability to incorporate the principles of equality and diversity within the delivery of learning and teaching experiences
- Electrical Engineering Pedagogical Skills to an appropriate level specified by the Scottish Credit and Qualifications framework
- Ability to demonstrate innovation and creativity in the approach to learning and teaching
- The ability to integrate digital technologies and the VLE within the learning and teaching experience.

Professional Experience**Essential:**

- Relevant industry experience in Electrical Engineering / Electrical Installation / Wind Turbine Technology or another related electrical discipline appropriate to the courses, subjects and levels delivered.
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Desirable:

- Appropriate level of relevant teaching experience within a College environment in one or more of the curriculum areas associated with Electrical Engineering in accordance with the requirements of the course, subjects and level delivered.

