Lecturer in Engineering Management (Teaching & Scholarship) x 2

Department: Electronic Engineering

Hours of work: Full-time

Contract type: Open

Salary: £40,927 - £50,296 per year
Introduction

As a result of the Department of Electronic Engineering’s success with its Engineering Management programmes, we are seeking to appoint two (2) Lecturers to provide support to our Engineering Management teaching for our undergraduate and taught Masters programmes.

We welcome applications with industrial experience with expertise in management in the engineering field.

You will be involved in teaching existing modules and working with the current delivery team to continuously enhance our engineering management teaching and learning.

The responsibility of this post will include leading modules in Engineering Management subjects, creating teaching material and designing improvements and/or new modules as the need arises, marking, supervising students and providing supervision across a range of modules.

This is an exciting time to join the Department with an opportunity to contribute to the development of our teaching going forward.

Main purpose of the role

- To lecture, lead seminars, tutorials and other forms of graduate and postgraduate teaching
- To develop and apply innovative and appropriate teaching techniques and material which create interest, understanding and enthusiasm amongst students
- To carry out on-going curriculum review, including teaching content and materials and contribute to the development of teaching and learning strategies
- To undertake effectively a range of administrative and managerial responsibilities

Key responsibilities

(Role holders will be required to undertake some or all of the duties below)

Teaching and Promotion of Learning

- To support the teaching objectives of the department by delivering teaching through allocated lectures, tutorials and other forms of undergraduate and postgraduate teaching.
- To set and mark coursework and examinations, providing constructive feedback to students.
- To ensure the quality of the design of existing teaching content, continually monitoring, evaluating and revising them to ensure excellence and coherence, identifying areas where current provision is in need of revision or improvement
- To develop teaching and learning activities in the department and deliver teaching across a range of modules and to all levels, through lectures, tutorials, practicals and seminars
- To oversee, develop and promote innovative teaching and learning approaches and material, which create interest, understanding and enthusiasm amongst students
- To ensure that teaching design and delivery comply with the quality standards and regulations of the University and department

Administrative and support responsibilities

- To act as internal examiner for undergraduate and postgraduate students.
• To supervise directly students, students’ projects, field trips and academic activities. To provide expert advice on learning best practice and helping with learning problems. To identify the learning needs of students and define learning objectives

• To contribute to planning and teaching design across a range of modules and to the administration and management of teaching programmes

• Engagement with internal and external activities that contribute to the smooth and collegial operation of the University

**Involvement in scholarship and development**

• To investigate innovative teaching, learning and assessment methods and techniques in the sector generally, bringing new insights to the department

• To disseminate excellent teaching practices eg. through discipline or inter-disciplinary groups both within and beyond the University
## Person specification

<table>
<thead>
<tr>
<th>Qualifications</th>
<th>Essential / Desirable</th>
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<tbody>
<tr>
<td>PhD in Engineering, Business Management, or equivalent experience</td>
<td>Essential</td>
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<tr>
<td>Appropriate academic professional and teaching qualification or a willingness to complete the Postgraduate Certificate in Academic Practice</td>
<td>Essential</td>
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<tr>
<td>Undergraduate degree in Electrical and/or Electronic Engineering or a related discipline</td>
<td>Desirable</td>
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### Knowledge

- Extensive knowledge in engineering management to design & develop teaching programmes and the provision of learning support across different levels of academic activity with a detailed knowledge of one [or more] of the following:
- Knowledge of a range of teaching techniques and methodologies | Essential |
- Advanced and specialist IT knowledge | Essential |

### Skills, abilities and competencies

- Highly developed communication skills to engage effectively with a wide ranging audience, both orally and in writing, using a range of media | Essential |
- Ability to innovate in teaching and learning, e.g. through the development of teaching materials | Essential |
- Ability to teach at any level within area of expertise, and across a range of subjects at a more introductory level, and demonstrate enthusiasm and commitment in the process of teaching | Essential |
- Ability to present specialist material in a logical, coherent and interesting manner, both to students and to fellow specialists | Essential |
- Ability to obtain new knowledge by theoretical and/or practical methods | Essential |
- Ability to disseminate scholarly work, for example presenting papers at conferences and workshops, development of appropriate websites and publishing articles or papers in academic journals | Essential |
- Ability to plan, manage, organise, deliver, and assess own teaching contributions | Essential |

### Experience
<table>
<thead>
<tr>
<th>Experience in teaching and learning in HE at undergraduate or postgraduate level or in an evidenced similar context</th>
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<tr>
<td>Experience of using different delivery techniques to enthuse and engage students</td>
<td>Essential</td>
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<td>Evidence of successful planning and teaching design across a range of modules</td>
<td>Essential</td>
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<td>Evidence of lecturing, leading seminars, tutorials and other forms of undergraduate and postgraduate teaching</td>
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<td>Relevant industrial experience</td>
<td>Desirable</td>
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<td><strong>Personal attributes</strong></td>
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<td>Attention to detail and commitment to high quality</td>
<td>Essential</td>
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<td>Displays creativity, initiative and judgement in applying appropriate approaches to teaching, learning support and scholarly activities</td>
<td>Essential</td>
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<td>Collaborative ethos</td>
<td>Essential</td>
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<td>Positive attitude to colleagues and students</td>
<td>Essential</td>
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<td>Willingness to work proactively with colleagues in other work areas/institutions</td>
<td>Essential</td>
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<td>Ability to plan and prioritise own work in order to meet deadlines</td>
<td>Essential</td>
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<td>Commitment to personal development and updating of knowledge and skills</td>
<td>Essential</td>
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