

JOB DESCRIPTION

Job Title:	Principal Industrial Engineer	Grade:	AC4
Department/School:	School of Engineering	Date of Job Evaluation:	1 st July 2022
Role reports to:	Head of School		
Direct Reports	None		
Indirect Reports:	None		
Other Key contacts:	Associate Dean Student Success, Faculty Apprenticeship Manager, Faculty Employability Team, Deputy Head of School, Faculty Head of Business Operations		
This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.			

PURPOSE OF ROLE:

To conduct high quality teaching on undergraduate and postgraduate programmes in the area of Engineering. The role will focus on delivering high quality education and to provide an industrial practitioners context to the portfolio. The person appointed will be expected to:

- Provide a single point of academic contact for industrial interaction with the teaching activities in the school.
- Contribute to the delivery of existing teaching, course development, and pedagogical/professional activity carried out in the department/school including revalidation of programmes
- Influence significantly the design and delivery of teaching activities, reflecting the successfully candidate's own subject specialism and industrial experience appropriate for the needs of a diverse student body; across the range of courses offered by the department/school
- Contribute to the design, management and liaison associated with industrial training through apprenticeships and placements
- Engage in professional practice across the school's subject areas and contribute to the profile of the School and Faculty
- Support the delivering of the student experience

Candidates appointed at Senior Lecturer level are expected to demonstrate emerging leadership in a subject area and a growing reputation and impact across the Faculty, University, and more widely.

KEY ACCOUNTABILITIES:**Team Specific:**

- Lead the delivery of high quality, innovative and effective teaching and new teaching initiatives, including inclusive approaches to embedding employability and industrial context
- Lead on personal and academic tutoring of apprenticeship and placement students
- Lead and support others in the design and develop of new courses/modules demonstrating excellent curriculum design
- lead to curriculum development and revalidation within the Department/School
- Initiate and contribute to the development and delivery of placements, industrial training and apprenticeships
- Initiate and contribute to the integration of employability and enterprise activities into teaching or professional training materials (Participation in the delivery of new courses, including CPD and degree apprenticeships, integrating enterprise, innovation or external engagement activities)
- Contribute to subject, professional and/or pedagogical research activity leading to dissemination through industry informed teaching practice
- Initiate and contribute to the continuous improvement of the student experience or Lead courses/modules effectively including adopting a responsive approach to students
- Effective cross working with Professional Services to support students
- Contribute to relationship management and engagement with key external bodies for the national or regional public/cultural sectors/business, industry/professional bodies in relation to sector needs
- Maintain effective, high quality and productive working relationships with professional bodies and employers

- Supervision of undergraduate and postgraduate students
- Work with other academics and lead the development of new courses, programmes and learning experiences in the department/school's discipline areas, developing the subject area and sharing best practice across the Faculty and University
- Work with other academics and the administrative teams to deliver excellent student care and support student success and employability
- Contribute to the general academic administrative work of the School and Faculty

Generic:

- Assist the Engineering Team in achieving the School's KPIs
- Contribute to department/school plans, activities and efficient working practices
- Participate in visit to schools, local community groups, public engagements and related activity
- Demonstrate a commitment to equality, diversity and inclusion through teaching practice and / or engagement with University initiatives
- Contribute to School based teaching development activities
- Promote your work and represent your discipline and the work of the University internally and externally, and take a proactive approach to ethical, good practice

Managing Self

- Contribute to the development and delivery of excellent learning, teaching and assessment practice across the University
- Develop expertise in practice or research-informed teaching with an increasing degree of autonomy
- Keep abreast of developments within the field and seek continuous improvement of own professional practice
- Actively participate in established professional development framework activities
- Behave in a manner which reflects the University values and behaviours which creates a positive environment for work and study

- Maintain a high standard of student engagement and satisfaction
- Seek to maximize the learning outcomes of students

Core Requirements

- Adhere to and promote the University's policies on Equality, Diversity and Inclusion and Information Security;
- Ensure compliance with Health & Safety and Data Protection Legislation;
- Support and promote the University's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising the shared responsibility of minimising the university's negative environmental impacts wherever possible.
- Adhere to current legal requirements and best practice relating to digital content and accessibility, including Web Content Accessibility Guidelines when creating digital content.

Additional Requirements:

Any other duties commensurate with the post and grade as agreed with the Head of School and the PVC of the Faculty.

KEY PERFORMANCE INDICATORS:

Performance Indicators will be established in consultation with the Head of Department/School as part of the post-holder's annual Appraisal and Professional Development Review

KEY RELATIONSHIPS (Internal & External):

- Providers in the areas of: Apprenticeships, enterprise, innovation, and external engagement activities and key external bodies for the national or regional public/cultural sectors/business and industry/professional bodies in relation to sector needs as appropriate

PERSON SPECIFICATION	
Essential	Desirable
Experience <ul style="list-style-type: none"> • Substantial years of relevant industrial experience • Conducting high quality, innovative and effective training or teaching to students or practitioners • Leading courses/modules effectively including adopting a responsive approach to students • Leading and contributing to subject, professional practice and other scholarly activities in the field of engineering (including publishing discipline or practice based pedagogic scholarship). • Pastoral care • Supervision of trainees or students • Creating professional/community partnerships • Ability to teach across disciplines • Designing and leading on the development of training and/or teaching materials • Supporting junior colleagues Skills <ul style="list-style-type: none"> • Ability to engage with and respond to student / trainee feedback • Curriculum / training development in Engineering • Ability to undertake administrative duties • Ability to lead at lead projects or activities at School/Faculty level • Ability to engage with key senior professional stakeholders in external bodies at a national level • Outstanding organisational, IT communication and interpersonal skills 	Experience <ul style="list-style-type: none"> • Delivery and/or leading at undergraduate and/or postgraduate level in the field of Engineering • Previous experience of link tutor or industrial tutor with external bodies • Demonstrate an ability to develop high quality interactions between students and external bodies – e.g student competitions / activities for instance EWB. Skills <ul style="list-style-type: none"> • N/A

<p>Qualifications</p> <ul style="list-style-type: none"> • PhD or Master's qualification in Engineering or a related field or equivalent professional experience <p>Personal attributes</p> <ul style="list-style-type: none"> • We are looking for people who can help us deliver the values of the University of Greenwich: Inclusive, Collaborative and Impactful 	<p>Qualifications</p> <ul style="list-style-type: none"> • PhD in a related field • PGCE or PGCHE • HEA Senior Fellowship or a willingness to undertake training
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