

Department of Aeronautical and Automotive Engineering (AAE) / School of Aeronautical, Automotive, Chemical and Materials Engineering (AACME)

## **UNIVERSITY TEACHER in AACME (Maternity Cover)**

Job Ref: REQ260199

### **School/Department summary:**

The successful applicant will be based in the school of AACME and aligned to the Department Materials working predominantly in the field of Polymer Processing. The Department of Materials at Loughborough provides world-leading engineering solutions to tackle today's global challenges.

### **Job Description**

**Job Family and Grade:** Specialist and Supporting Academic Grade 6

The position is full time and Fixed Term for 9-12 months (or the earlier return of the post holder).

### **Job Purpose**

The post holder will be expected to contribute to the teaching of existing and future undergraduate and postgraduate programmes, within the discipline areas covered by the school. Experience of teaching a range of engineering principles related to materials disciplines is expected with a preference for expertise in polymer processing. The role will include developing and delivering lectures, tutorial sessions, practical workshops, projects and group-working with students and other staff, engaging in assessment, and providing feedback to students.

### **Job Duties**

#### **Teaching**

- To work with colleagues in the School to deliver an exceptional practical learning experience for students in relevant Engineering topics.
- To teach and inspire undergraduate and postgraduate students, and to design and conduct associated practical sessions and assessments.
- To act as Module Leader and to engage in the evaluation and development of modules for which you have responsibility, in terms of content, delivery and assessment.
- To engage in pedagogy development and innovation to ensure teaching practice is current. Promote the use of a range of methods and techniques in teaching, learning and assessment.
- To prepare high quality course materials and ensure that it is available to students.
- To manage projects relating to own area of work and the organisation of external activities such as visits, placements and field trips.
- To provide academic and pastoral support to undergraduate and postgraduate students.
- To work closely with the relevant programme leaders and other colleagues to develop the practical elements of our undergraduate and postgraduate programmes.

#### **Related Activities**

- To carry out specific administrative roles and functions as may be reasonably required.
- To work effectively with relevant administrative, technical and academic staff in the School and across the University.
- To embed EDI into the design and delivery of modules and programmes
- To engage in training programmes in the University (e.g. through Staff Development and Centre for Academic Practice) which are consistent with your needs and aspirations and those of the School.
- To engage fully with the GLOW review process and your professional development.

- To undertake such other duties as may be reasonably requested and that are commensurate with the nature and grade of the post. This may include representation of the subject at student recruitment events, industry collaboration and placement development.

### Points To Note

The purpose of this job description is to indicate the general level of duties and responsibility of the post. The detailed duties may vary from time to time without changing the general character or level of responsibility outlined in the document.

### Organisational Responsibility

Reports to the relevant Head of Department or another senior colleague.

Direct Reports: N/A

Budget Responsibilities: N/A

Structure Chart: N/A

### Person Specification

Your application will be assessed based on the essential and desirable criteria listed below.

Applicants are strongly encouraged to explicitly demonstrate how they meet each essential (and desirable) criteria at the application stage. The criteria that you need to demonstrate in your application will be listed as Stage 1 in the table below.

Stages of assessment are as follows:

- 1 – Criteria measured within the Application
- 2 – Criteria measured at Test/Assessment Centre/Presentation
- 3 - Criteria measured at Interview

### Essential Criteria:

Area	Criteria	Stage
Experience	<p>Mentoring, training, or advisory experience either in industry or in academia.</p> <p>Experience of working in a related high-quality industrial, professional or academic environment.</p> <p>In-depth knowledge of scientific / engineering practice in the relevant disciplines.</p> <p>Track record and experience of Engineering teaching in areas relating to Materials in the Higher Education environment.</p> <p>Experience of successfully supervising the projects of company staff or taught students.</p>	1,3

Area	Criteria	Stage
Skills and abilities	<p>Excellent organisational skills and the ability to work independently and on own initiative.</p> <p>Flexible approach to working and an ability to prioritise tasks, with a capability of working under pressure to meet deadlines.</p> <p>Excellent team working skills. Good verbal and written communication and interpersonal skills.</p> <p>Excellent skills in the presentation/communication of relevant scientific or engineering subjects. Able to demonstrate creativity in approach to communicating in different formats and contexts such as presentations, tutorials, group work, project supervision.</p> <p>Excellent technical skills in relevant software pertinent to the delivery of science or engineering teaching.</p>	1,3
Training	Commitment to and evidence of continuing professional development.	1,3
Qualifications	An outstanding educational profile up to and including first degree in a relevant discipline.	1
Other	Uphold and actively contribute to the University's commitment to Equity, Diversity and Inclusion.	1,3

**Desirable Criteria:** These are skills, experience and competencies that are additional extras that may be used to narrow the pool down if we receive a high volume of applications that meet the essential criteria.

Area	Criteria	Stage
Experience	<p>Track record and experience of teaching in the Higher Education or industrial environment.</p> <p>Experience of teaching and assessment at university level.</p> <p>Experience of supervising practical elements of student projects.</p> <p>Experience of working in or in collaboration with business or industry.</p>	1,3
Skills and abilities	<p>Ability to take part in module and programme development.</p> <p>Knowledge of the challenges faced in recruiting to and sustaining UK HE degree programmes.</p>	1,3
Qualifications	Achieved or willingness to progress towards appropriate professional status such as Fellowship of the Higher Education Academy.	1

## Conditions of Service

The appointment will be subject to the [University's Terms and Conditions of Employment](#) relevant to the job grade.

## Shared University Responsibilities

As a member of the Loughborough community, you are expected to:

- Take reasonable care of yourself, others and the environment, and to prevent harm by your acts or omissions. All staff are therefore required to adhere to the University's Health, Safety and Environmental Sustainability Policies & Procedures.
- Support and contribute to the University's commitment to Equity, Diversity, and Inclusion (EDI), while carrying out all duties in a way that respects these principles and upholds the right to free expression. Further information about EDI at Loughborough and our strategic aims is available on our website.

## Our Purpose, Vision, and Values

Our purpose, Vision and Values underpin all that we do and shape how we work together at Loughborough.

We're proud to promote our values: **Adventurous, Collaborative, Creative, Authentic** and **Responsible**. Our people bring these values to life every day, and they are central to the positive and supportive culture that makes Loughborough unique.

If you join us, you'll be encouraged to bring these values to life in your own work and contribute to the positive, supportive culture that makes Loughborough unique. Read more about our [vision and values](#).

## Our Accreditations

	<p>We strive to create a culture that supports equity and celebrates diversity throughout the campus. The University holds a <a href="#">Bronze Athena SWAN award</a> which recognises the importance of support for women at all stages of their career.</p>
	<p>We are proud to be a <a href="#">Race Equality Charter Member</a>. The Charter aims to improve the representation, progression and success of all minority ethnic staff and students within higher education and address issues of racism within higher education institutions (HEIs).</p>
	<p>We are proud to be a Disability Confident Employer and have adopted a proactive approach to employing disabled people and to creating a more diverse workforce. We ensure that our recruitment processes are inclusive and accessible. We guarantee to offer an interview to all applicants who have declared a disability, provided that the essential criteria for the role are met. We proactively anticipate and provide reasonable adjustments and support existing employees who acquire a disability or long-term condition to thrive in the workplace.</p>
	<p>We are a real living wage employer, and our Living Wage Employer Mark shows our commitment to paying our staff according to the cost of living.</p>
	<p>We are proud supporters of the <a href="#">City of Sanctuary movement</a> and delighted to be recognised as a University of Sanctuary. This national network brings together, university staff, lecturers, academics, and students, who together work to make Higher Education institutions places of safety, solidarity and empowerment for people seeking sanctuary.</p>

**As part of the University's ongoing commitment to redeployment, please note that this vacancy may be withdrawn at any stage of the recruitment process if a suitable redeployee is identified.**