

Job Title: Lecturer in Aerospace Engineering (Teaching Focused)

Grade: 8

Salary: £45,413 to £55,755 per annum, pro-rata if part-time

Department: Engineering

Hours/Contract: Full-time or job share, permanent

Reference: 11461

Role Purpose

Deliver world-leading research inspired education and scholarly activities in the School of Engineering, with a particular focus in Aerospace, ensuring a world-class student experience and delivering our cutting-edge, industrially relevant curricula for taught postgraduate and undergraduate students. The role-holder will join the Aerospace Engineering Research Group. This is a welcoming and inclusive team undertaking interdisciplinary research focused on the School's aerospace-related major research areas.

Draw on academic experience to underpin and carry out activities across a range of areas of academic and university life, aligned with the [University's strategic themes](#) of 'Research Inspired Education' and 'Our Citizens,' together with the University values. Work will also support the mission statement of the school, 'Together building an inclusive and inspiring teaching and research community, to create the school of choice for world leading engineers and future innovators.' Our approach to the academic career recognises its plurality and encourages a balance between breadth and specialisation. This is underpinned by the academic career map, which articulates the expectations of academic staff at each stage of their academic career, and clearly establishes what they can do in order to progress their academic career at Leicester.

Main Duties and Responsibilities

Research Inspired Education

- Undertake research-led teaching on undergraduate and/or postgraduate taught courses
- Contribute to the development and achievement of the academic strategy in the School and beyond, contributing to teaching policy and providing teaching leadership
- Provide timely formative student feedback and assessment for coursework and examinations
- Contribute to the development, revision and updating of new and innovative programmes at undergraduate and/or postgraduate level, ensuring they are inclusive, embeds key skills and incorporate sustainable development goals
- Play an active role in the shaping and provision of a comprehensive range of support initiatives at School/College/University level including placement support, links with industry, personal tutor support, employability and outreach activities and open days, ensuring School admissions processes are effective
- Work with students to provide world class teaching and learning opportunities and an excellent student experience, regularly collecting and responding to student feedback
- Develop a profile of pedagogical research, or disciplinary research that enables high quality teaching delivery





- Contribute to projects or scholarly discourse aimed at enhancing pedagogy and student outcomes

Our Citizen

- Contribute to initiatives and activities that have a beneficial impact outside the University and make a demonstrable contribution to society
- Engage in enterprise and public engagement activities which increase the external profile of the discipline and share the benefits of Higher Education and research
- Actively engage with the academic discipline both nationally and internationally, and represent the School and University through undertaking roles on external committees, reviews and panels
- Participate and provide leadership in School, College or University roles, contributing to management, administration and committee structures
- Involvement in the recruitment, management and development of staff and act as a mentor and coach to colleagues

Internal and External Relationships

- Develop mutually beneficial, effective relationships across the School and with local partners, for critical discussion and exchange of new ideas and approaches.
- Represent the University regionally and nationally
- Work collaboratively with other members of the module delivery team and participate in teaching team meetings.
- Coordination with central University offices.

Planning and Organising

- Contribute to shaping the director of the education strategy in the School, developing clear long term (many months/years) plans for sustaining and enhancing teaching.
- Long term planning and organisation of the delivery of teaching and assessment.
- Participate in the departmental operational planning process, supporting the strategic direction of the Department/School and College.

Qualifications, Knowledge and Experience

Essential

- A good first degree in Engineering OR an HNC/HND which would meet the academic requirements for registration to at least Incorporated Engineer (IEng) standard*
- PhD (awarded or close to completion) in area relevant to aerospace OR track record of working in aerospace related industries giving similar experience*
- Expertise that complements or enhances existing strengths within the School, with the strong background in aircraft design and systems engineering, in view of delivering aircraft architecture, aircraft systems, and aircraft performance curriculum content.
- Experience of teaching at undergraduate and postgraduate level, evidenced by a successful track record of excellent student outcomes and progression*





- Demonstrable contributions to the leadership of learning/teaching*
- Evidence of external recognition of teaching practice through sustained excellent student feedback, module evaluation, peer review and external examiners or external assessors comments*
- Involvement in relevant internal and external committees and groups*
- Contributions to the development of scholarship in the discipline, through conference presentations, editing, refereeing and reviewing*
- Involvement in the development of publications that enhance learning and teaching in the discipline*
- Demonstrable commitment to development of own teaching practice*
- Fellowship of the HEA or equivalent accredited teaching qualification, or commitment to gain an accredited teaching qualification on appointment within a set timescale*

Desirable

- Successful completion of CPD*
- Experience of positive outcomes from incorporating research or professional skills to improve the curriculum*
- Evidence of contributions to initiatives that have a positive impact on recruitment and student outcomes at module and programme level*

Skills, Abilities and Competencies

Essential

- High level of proficiency in English, sufficient to undertake research, teaching and administrative activities and to communicate effectively with staff and students
- Ability to work independently and as part of a team
- Excellent interpersonal skills, to develop networks and form collaborations
- Effective presentation skills
- Ability to develop resource material to enhance teaching quality
- Ability to deliver classes using a comprehensive range of delivery methods, including lectures, seminars and tutoring
- Skills in coaching, mentoring and developing others, including students, early career researchers and colleagues
- Skills in pastoral care and motivation of students
- A commitment to the delivery of a high-quality service to students
- Ability to prioritise tasks within agreed work schedules
- Ability to plan, organise, implement and deliver programmes of work





- An understanding of and strong commitment to equity and an awareness of diverse community issues

Desirable

- Ability to teach classes using distance learning
- Ability to provide support to students via Blackboard

****Criteria to be used in shortlisting candidates for interview***

Teaching Requirements

If requested, you may be expected to undertake teaching, tutoring and administrative duties across a range of modules, particularly in the delivery of teaching modules in China that are part of the Department's collaborative partnership programmes in the People's Republic of China.

Criminal Declaration

If you become an employee, you must inform your manager immediately, in writing, if you are the subject of any current or future police investigations/legal proceedings, which could result in a criminal offence, conviction, caution, bind-over or charges, or warnings.

Supporting University Activities

As a University of Leicester citizen, you are expected to support key university activities such as clearing, graduation ceremonies, student registration and recruitment open days. We expect all staff as citizens to work flexibly across the University if required.

University Values

Inclusive - We are diverse in our makeup and united in ambition. Our diversity is our strength and makes our community stronger.

Inspiring - We are passionate about inspiring individuals to succeed and realise their ambitions. We challenge our community to think differently, to get involved, and to constantly embrace new ideas.

Impactful - As Citizens of Change we will generate new ideas which deliver impact and empower our community

Equity and Diversity

We believe that equity, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equity support our efforts to attract a diverse range of high quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equity, diversity and inclusion.

