

Teaching Associates

Department	Mechanical and Aerospace Engineering (www.strath.ac.uk/engineering/mechanicalaerospaceengineering/)		
Faculty	Faculty of Engineering (www.strath.ac.uk/engineering/)		
Staff Category	Teaching	Reference No	314500
Reports To	Head of School/Department	Grade:	7
Salary Range:	£32,817	Contract Type:	Fixed Term 30/09/2023
FTE:	1 (35 hours/week)	Closing Date	Thursday, 17 September 2020

Job Advert

The Department of Mechanical & Aerospace Engineering is top rated for mechanical engineering in Scotland and offers a full range of mechanical and aerospace engineering courses at Undergraduate (UG) and Postgraduate Taught (PGT) levels (www.strath.ac.uk/mae) as well as an active and successful research and knowledge exchange culture. We are currently seeking to employ 3 Teaching Associates to contribute to teaching in the mechanical engineering programmes. The Teaching Associates will work as part of the Department's teaching team and will independently deliver and administer undergraduate modules at all levels as well as supervise undergraduate projects, develop new teaching materials (particularly for online delivery) and contribute to academic administration and recruitment activities within the Department.

Applicants must have a good honours degree in Mechanical or Aerospace/Aeronautical Engineering and a PhD in a Mechanical Engineering discipline. Sufficient depth of knowledge of the aforementioned specialist areas is essential for the independent delivery of established UG & PGT teaching programmes and to enable contribution to course development and scholarship activities. Excellent communication skills, the ability to work within a team environment and planning and organisational skills are all essential.

Job Description

Brief Outline of Job:

To independently deliver and administer a range of established Undergraduate and Postgraduate (Taught) teaching modules and undertake student assessment activities, with support and guidance from senior colleagues as required; to supervise undergraduate projects (individual and group); to collaborate with colleagues on course development and curriculum changes; to engage in relevant scholarship, professional and knowledge exchange activities; and input to administrative activities.

Main Activities/Responsibilities:

1.	As part of a teaching team, deliver a range of established teaching modules at UG & PGT levels, with guidance from senior colleagues as required, in a manner that supports a research-informed approach to student learning.
2.	Plan and manage own workload (teaching, tutorials, assessment, administration and scholarship), with guidance from colleagues as required.
3.	Develop new content, teaching materials and methods of delivery, using appropriate teaching and learning approaches, with guidance, to ensure that defined learning objectives are met.
4.	Undertake student assessment and examination activities, with guidance, including the provision of appropriate feedback to students.

5.	Supervise students as required, providing direction, support and guidance.
6.	Critically evaluate and reflect on teaching practice and methodology and collaborate with colleagues on course development activities and in the planning and implementation of curriculum changes.
7.	Contribute to scholarship activities, continually updating professional knowledge and skills and incorporating this learning as appropriate into teaching delivery.
8.	Collaborate with colleagues on the development of knowledge exchange activities by, for example, participating in initiatives which establish educational links with industry and influence public policy and the professions.
9.	Contribute in a developing capacity to Department/School, Faculty and/or University administrative and management functions and committees.
10.	Contribute to cognate research activities by providing specialist input based on professional expertise, experience and qualifications/registration.
11.	Engage in continuous professional development, which may include establishing, in a developing capacity, a personal portfolio of research activity.

Person Specification

Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E1 Good honours degree and PhD (or equivalent professional experience) in appropriate discipline

D1 Membership of relevant Chartered/professional bodies (including Higher Education Academy)

Experience

E2 Sufficient breadth or depth of knowledge in the relevant discipline/s to deliver established teaching programmes at Undergraduate and Postgraduate (Taught) levels and to contribute to course development and scholarship activities

E3 Ability to translate knowledge of advances in subject area into teaching and assessment methods and materials

D2 Experience of supervising students (or other supervisory experience)

D3 Experience of Undergraduate and Postgraduate (Taught) teaching and curriculum development

Job Related Skills and Achievements

E4 Developing knowledge of teaching and student assessment methods

E5 Ability to plan and organise own workload effectively

E6 Ability to work within a team environment

D4 Experience of relevant scholarship and/or research activities

D5 Experience of knowledge exchange related activities

Personal Attributes

E7 Excellent interpersonal and communication skills, with the ability to listen, engage and persuade, and to present complex information in an accessible way to a range of audiences

Application Procedure

Applicants are required to complete an application form including the name of three referees who will be contacted before interview without further permission, unless you indicate that you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job. Applicants should also complete the Equal Opportunities Monitoring Form.

Other Information

Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforus>).

Informal enquiries about the post can be directed to Dr Barbara Keating, Director of Education (Barbara.keating@strath.ac.uk; 0141 574 5068).

Conditions of Employment

Conditions of employment relating to Teaching Staff can be found here: [Conditions of Employment](#).

Rewards and Benefits

Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found [here](#).

Probation

Where applicable, the successful applicant will be required to serve a 9 month probationary period.

Pension

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

Relocation

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

Interviews

Formal interviews for this post will be held – details to be confirmed

Equality and Diversity

We value diversity and welcome applications from all sections of the community.

The University currently holds a Bronze Athena SWAN award, recognising our commitment to advancing women's careers in science, technology, engineering, maths and medicine (STEMM) employment in academia.

University Values

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.

