

Teaching Associate in Satellite Applications

Department	Mechanical and Aerospace Engineering (www.strath.ac.uk/mae/)		
Faculty	Faculty of Engineering (www.strath.ac.uk/engineering/)		
Staff Category	Teaching	Reference No	95277
Reports To	The Head of Department, through Dr Malcolm Macdonald	Grade:	7
Salary Range:	£31,604 - £38,833	Contract Type:	Fixed Term (3 years)
FTE:	1	Closing Date	Thursday, 30 November 2017

Job Advert

The Department of Mechanical and Aerospace Engineering, seeks to recruit a Teaching Associate, to assist a Teaching Fellow in the day-to-day development and then delivery of a new Master of Science (MSc) course in Satellite Applications, in partnership with the UK Space Agency, and a number of UK and international, academic and commercial partners. The course will comprise existing cross-faculty material alongside to-be-developed material, and seeks to develop a globally unique and innovative learning experience and environment.

As a Teaching Associate you will deliver teaching modules and undertake student assessment and supervision activities, with support and guidance from senior colleagues as required; you will collaborate with the Teaching Fellow on the development and delivery of a new Master of Science (MSc) course in Satellite Applications and you will engage in relevant scholarship, professional and knowledge exchange activities; and input to administrative activities. You will support the development of proposals to secure funding to support on-going additional teaching developments.

To be considered for the role, you will be educated to a minimum of PhD level in an appropriate discipline, or have relevant experience in addition to a relevant degree. You will have experience of working in, or working with satellite applications and experience of teaching at undergraduate and/or postgraduate level. You will have experience of student assessment activities, an ability to plan and organise your own workload, an ability to work within a team environment, a passion for teaching and 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.

Whilst not essential for the role, applications are welcomed from candidates with: membership of relevant Chartered/professional bodies (including the Higher Education Academy); experience of supervising students; experience of curriculum development; experience of scholarship/research activities; and/or experience of knowledge exchange activities.

Job Description

Brief Outline of Job:

To support the development and delivery of a new Master of Science (MSc) course in Satellite Applications. To deliver teaching modules and undertake student assessment activities, with support and guidance from senior colleagues as required; to engage in relevant scholarship, professional and knowledge exchange activities; and input to administrative activities.

Main Activities/Responsibilities:

1.	As part of a team design, develop, and deliver a range of teaching materials at postgraduate level, including contribution to curriculum review and enhancement, in a manner that supports a research-informed approach to student learning.
2.	Undertake student assessment and examination activities, including the provision of appropriate feedback to students.
3.	Supervise students as required, providing direction, support and guidance.
4.	Engage in individual or collaborative scholarship activities, developing and producing learning materials and disseminating the results as appropriate.
5.	As part of a team, participate in the development and submission of proposals to secure funding for teaching development, and where appropriate research and knowledge exchange, activities.
6.	As part of a team, develop knowledge exchange activities by, for example, establishing educational links with industry and influencing public policy and the professions.
7.	Contribute to cognate research activities by providing specialist input based on professional expertise, experience and qualifications/registration.
8.	Engage in continuous professional development, which may include supporting the 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 Experience of teaching at undergraduate and/or postgraduate level

E3 Experience of working in, or working with satellite applications, and knowledge of how applied research and development activities are conducted

E4 A sufficient breadth and depth of knowledge of satellite applications to deliver a teaching programme at postgraduate level and to contribute to course development and scholarship activities

D2 Experience of working in, or with the commercial sector

D3 Experience of relevant scholarship and/or research activity

D4 Experience of knowledge exchange related, or commercial activity

Job Related Skills and Achievements

E5 Ability to work within a team environment

E6 Ability to plan and organise own workload and meet deadlines

E7 Ability to develop ideas for, and disseminate/apply results of, scholarship activities

D5 Knowledge of curriculum development

Personal Attributes

E8 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

E9 A passion for teaching and an interest in curriculum development

D6 Entrepreneurial attitude to identifying and pursuing opportunities

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 Malcolm Macdonald, Reader of Space Technology (malcolm.macdonald.102@strath.ac.uk).

Conditions of Employment

Conditions of employment relating to the Teaching staff category can be found at: [Conditions of Employment](#).

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](#).

Interviews

Formal interviews for this post will be held on Monday, 18 December 2017.

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.

