

# Senior Teaching Fellow/Teaching Fellow - Product Design

Department	Design, Manufacture and Engineering Management ( <a href="http://www.strath.ac.uk/dmem/">www.strath.ac.uk/dmem/</a> )		
Faculty	Faculty of Engineering ( <a href="http://www.strath.ac.uk/engineering/">www.strath.ac.uk/engineering/</a> )		
Staff Category	Teaching	Reference No	89198
Reports To	Head of Department	Grade:	8/9*
Salary Range:	£39992 - £49149 - Teaching Fellow* £50618 - £56950 – Senior Teaching Fellow	Contract Type:	Open Contract
FTE:	1 (35 hours/week)	Closing Date	Sunday, 15 October 2017

## Job Advert

The Department of Design, Manufacture and Engineering Management (DMEM) provides a unique offering of combining end-to-end multidisciplinary expertise from creative design, through engineering design, manufacture and management of the entire system. DMEM also houses the UK's Advanced Forming Research Centre (AFRC), which is located off-campus at a dedicated site just outside Glasgow and is part of the UK's High Value Manufacturing Catapult.

DMEM has a strong, vibrant team of academics working across the field of design, ranging from industrial to engineering design and all aspects of design management. The vacancies currently being advertised aim to complement existing expertise with teaching staff that focus on product design including areas such as, but not limited to, interaction/ergonomics, form/aesthetics, design theory/models, creativity/creative models, user centred design and emotion/experience.

We are part of the University of Strathclyde, our vision is bold and ground breaking, placing us amongst the world's leading international technological universities. We are vibrant, dynamic and passionate about solving the challenges facing society and industry through our cutting-edge, multi-disciplinary research, education and knowledge-exchange with global partners.

Successful candidates will be educated to PhD level (or equivalent experience) with an established track record of teaching at undergraduate and/or postgraduate levels, preferably in Product Design with research expertise in Product Design being desirable. Candidates will have extensive experience of student assessment activities and experience of curriculum experience. Experience of the use of Virtual Learning Environments and of online/distance learning would also be an advantage.

Appointments will be made at a level appropriate to a successful candidate's experience and career stage.

## Job Description

### Brief Outline of Job:

To lead (STF) the design, development (STF) and deliver a range of teaching materials and undertake student assessment activities related to Product Design; to engage (TF)/lead (STF) in relevant scholarship, professional and knowledge exchange activities; and to carry out senior (STF) administrative tasks assigned by the Head of Department/School. Responsibility for: PG student pastoral care, marketing and recruitment (especially for overseas students) and the development of new on-line programmes.

### Main Activities/Responsibilities:

- I. Lead (STF) the design, development of (STF) and deliver teaching materials across a range of modules or programmes (STF) and possibly new courses at various levels (STF) within the area of design of products (including areas such as, but not limited to, interaction/ergonomics, form/aesthetics, design theory/models, creativity/creative

	methods, user centred design and emotion/experience).
2.	Develop (STF) and apply innovative and appropriate teaching techniques and material which create interest, understanding and enthusiasm amongst students.
3.	Carry out, contribute and lead (STF) appropriate development and delivery of teaching, learning and assessment methods; student project supervision, field trips and, where appropriate, placements; identify areas in need of revision; as well as the setting, marking and assessment of work and examinations and provision of student feedback.
4.	Develop new and novel teaching and learning methods (STF) and contribute to curriculum delivery to enhance learning and the student experience.
5.	Engage in pedagogic and practitioner research and other scholarly activities and act as project/team leader (STF) extending one's pedagogical knowledge, identifying sources of funding and contributing to the process of securing funds for scholarly activities, as appropriate.
6.	Contribute to the development of teaching and learning strategies (STF) and conduct individual or collaborative projects in subject/ pedagogical areas.
7.	Make presentations at national and/or international conferences, make a significant contribution to professional journals (STF) and disseminate the results of scholarship as appropriate to the discipline.
8.	Participate in regional, national or international collaborative projects (STF) and engage in subject, professional and pedagogical activity to support teaching activities.
9.	Routinely communicate complex and conceptual ideas to those with a range of knowledge and understanding as well as to peers using high level skills and a range of media.
10.	Carry out Department/School, Faculty and/or University Senior (STF) administrative and management functions, for example through membership of committees and/or by acting as class/module/year co-ordinator.
11.	TF - Supervise students and staff as required, providing direction, support and guidance. STF - Manage teaching teams and provide leadership for the teaching area, providing leadership, support and guidance to colleagues and supervising students as appropriate.
12.	Lead (STF) Contribute to (TF) the development and submission of proposals to secure funding for teaching development activities.
13.	STF level – Lead on the design and development of courses and programmes, including curriculum reviews and enhancement activities, in a manner that supports a research-informed approach to student learning, reviewing and updating course content and materials, ensuring compliance to standards and regulations.
14.	STF level - Contribute to the strategic development of the Department/School through, for example, developing new educational strategies and/or courses and programmes and by anticipating and planning for new directions for themselves and teaching teams.

## 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)

E.1 Good honours degree and PhD (or equivalent professional experience) in appropriate discipline

E.2 Significant relevant professional experience at a senior level (STF).

D.1 Membership of relevant Chartered/professional bodies.

### Experience

E.3 A sustained (STF) track record of teaching at undergraduate and postgraduate level and of developing and managing teaching programmes, demonstrating standards of excellence and a growing national reputation.

E.4 Experience of undertaking and co-ordinating (STF) student assessment activities in the area of product design.

E.5 Experience of leading (STF) curriculum development activities, evidenced by the development of new/novel teaching materials, methods and/or programmes.

E.6 Sustained (STF) track record of scholarship activities with impact on national educational strategies, programmes or methods, including contributions to regional/national/international professional/practitioner publications and conferences.

E.7 Proven (STF) track record of securing funding for teaching, scholarship and/or knowledge exchange activities.

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## Job Related Skills and Achievements

- E.8 Sustained (STF) experience and track record in teaching in Higher Education. Demonstrated teaching ability through student feedback.
- E.9 Sustained (STF) experience and ability to supervise students in a University or industrial environment and management of teams/projects/programmes (STF).
- E.10 Demonstrated contribution (STF) to strategic initiatives in teaching programme development and delivery, and teaching and training provision
- D.2 Experience of applying Product or Industrial Design.
- D.3 Experience in working with industry.
- D.4 Track record in knowledge exchange related activities.

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## Personal Attributes

- E.11 Demonstrated ability to work well within a multi-disciplinary team with the aptitude to interact well and collaborate with colleagues from across the core DMEM disciplines (Design, Manufacturing and Engineering Management).
  - E.12 Flexibility in responding to the future needs of the Department, Faculty and University initiatives
  - E.13 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.
  - E.14 Ability to play a senior role within a team environment and motivate and manage staff, with experience of leading teams of less experienced staff and students.
  - E.15 Ability to plan and organise own workload and supervise and delegate work to others
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## 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 Professor Alex Duffy, Head of Department ([alex.duffy@strath.ac.uk](mailto:alex.duffy@strath.ac.uk)/ 0141 548 3005).

### Conditions of Employment

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

### Pre-employment health screening

An offer of appointment will be subject to a medical assessment by Occupational Health. An individual who accepts an offer of employment must complete a confidential medical questionnaire and forward it to the Occupational Health Nurse within 5 days of receipt. If further information is required the individual may be contacted by the OHN or a Medical Advisor and a personal appointment with the individual may be arranged. An unconditional contract of employment will not be issued until Human Resources receives confirmation that applicant is fit to undertake the duties of the post.

### Probation

Where applicable, the successful applicant will be required to serve a 12 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 on Monday, 6 November 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.

