

Job Description

Job Title: Senior Lecturer in Product Design Engineering
Modelling
Job Ref: SCT251B
Campus: Hendon
Department: Design Engineering and Mathematics
School: Science and Technology
Grade: Grade 8
Salary: £44,355 to £50,996 inclusive Outer London Weighting
Period: 1-year fixed term
Reporting To: Head of Department

**Reporting to
Job Holder:**

Role Summary

The role will be held by an experienced academic with a credible track record of research and of excellence in teaching. This may be combined with a contribution to academic leadership and management.

Job Purpose

To conduct research, learning and teaching, and knowledge transfer to the benefit of students, the School, the University and the wider community.

Main responsibilities

Learning and teaching

- Deliver high quality teaching to students at undergraduate and postgraduate level
- Design, develop and evaluate courses and programmes
- Identify best and innovative practices in learning and teaching and build them into personal teaching practice
- Ensure that personal research and knowledge of the field inform personal teaching practice
- Contribute actively to initiatives which identify new and best practice in teaching and learning and promote it across the faculty and institution
- Ensure that research insights and materials are built into the curriculum
- Take lead responsibility for a programme area, subject or course, as required
- Enhance student experience and outcomes

Research and knowledge transfer

- Jointly or independently, develop bids for and secure competitive funding for research and knowledge transfer projects
- Contribute to team activity and where appropriate lead on major research and knowledge transfer projects
- Maintain a research profile, including outputs, normally of high international standing
- Demonstrate commitment to making an impact on society, based on research and knowledge transfer
- Supervise Masters and Doctoral students.

Academic Leadership and Management

- Lead learning and teaching activities in a particular area as agreed, e.g. programme leadership
- Manage research and knowledge transfer activity – e.g. a self-contained project or a strand of a broader programme
- Contribute to cross-School activities, such as student recruitment, induction, assessment, national and international partnerships etc
- Advise and coach colleagues
- Manage allocated people and resources
- Undertake other activities, as required

Hours: The duties and responsibilities of a Lecturer are wide-ranging. You will be expected to work hours as are reasonably necessary in order to fulfill your duties and responsibilities.

Leave: 35 days per annum plus eight Bank Holidays and seven University days taken at Christmas (pro rata for part-time staff) which may need to be taken as time off in lieu.

Flexibility: Please note that given the need for flexibility in order to meet the changing requirements of the University, the duties and location of this post and the role of the post-holder may be changed after consultation. The balance of duties may vary over time and will be reviewed as part of the appraisal process.

PERSON SPECIFICATION

Post Title: **Senior Lecturer in Product Design Engineering**

Essential Requirements Knowledge, Skills and Experience

- Appropriate academic qualifications at postgraduate level (normally a doctorate or equivalent) or a significant industrial experience in Product Design or Industrial Design.
- Understanding and demonstrable expertise in product design engineering – development of design briefs, understanding and application of design processes, human-centred design; design engineering fundamentals.
- Excellent product prototyping skills using a variety of methods (physical and virtual).
- Excellent knowledge and practical skills in material selection, Computer Aided Design, visualisation, design analysis, design for manufacture.
- Experience of leading projects and working with clients.
- Proven ability to work on own initiative and as part of a multidisciplinary team.
- Ability to engage students and staff, and to motivate them to perform at their best.

Desirable Requirements Knowledge, Skills and Experience

- Relevant commercial experience in product design or industrial design practice.
- Track record of research outputs, normally of high international standing.
- Proven record of success in undertaking, supervising and managing research activity, with at least some experience of Doctoral student supervision.
- Evidence of ability to attract research and knowledge transfer funding.

- Track record of innovation in teaching and learning, reflected in design, delivery and promotion of good professional practice.
- Proven ability to deliver high quality teaching in appropriate contexts in Higher Education.

No Parking at Hendon campus: There are no parking facilities for new staff joining our Hendon campus, except for Blue Badge holders. If you are applying for a post at our Hendon Campus please ensure you can commute without using a car.

Information on public transport to Hendon can be found here:

http://www.mdx.ac.uk/campus/campuses/docs/Hendon_campus_map.pdf

We offer an interest-free season ticket loan, interest-free motorbike loan, and bicycle and motorbike parking and changing facilities.

Flexible working applications (including part-time working) will be considered.

The postholder should actively follow Middlesex University policies and procedures and maintain an awareness and observation of Fire and Health & Safety Regulations.

What Happens Next ?

If you wish to discuss the job in further detail please contact Prof. Mehmet Karamanoglu (020 8411 6132 ; M.Karamanoglu@mdx.ac.uk). If selected for interview, you will hear directly from someone in the School/Service/Campus, usually within 3 weeks of the closing date. If you do not hear from us you may assume that your application was unsuccessful.

Postgraduate Certificate in Higher Education programme

Staff who do not hold a teaching qualification in Higher Education may be required to undertake a PGCHE on appointment.

POST GRADUATE CERTIFICATE IN HIGHER EDUCATION

Set out below are the conditions which apply to newly appointed academic staff in relation to the PG Cert Higher Education programme:

- all staff with a contract of more than two years duration and not less than 0.5 FTE are expected to complete the programme unless exempted at the time of appointment;
- other fractional staff and part-time hourly-paid staff may enroll on the programme subject to the normal University conditions concerning payment of tuition fees;
- exemption shall be granted to suitably qualified and experienced staff: *i.e.* 3 years full-time or equivalent or PG Cert HE or equivalent;
- normally staff should be expected to complete the PG Cert HE programme successfully within 24 months of enrolling;
- normally there will be an upper limit of four years to complete the programme successfully. If problems are identified at 30 months every effort will be made to resolve them at a staff development level;
- failure to complete the programme within four years may result in delayed grade progression within the University from Lecturer to Senior Lecturer and is likely to be considered negatively when candidates in such a position apply for promotion;
- staff must be given adequate time to complete the programme within an agreed time framework (*i.e.* normally within 24 months);
- staff will normally be given a time allocation of 0.1 FTE in order to participate in the programme;
- staff who do not complete the programme successfully within 48 months of enrolment without good cause shall not receive a further increment until they do successfully complete the programme;
- where exceptional circumstances apply staff should have the right to appeal to the Deputy Vice-Chancellor against a decision to withhold increments pending successful completion of the programme within four years.

The following qualifications will be considered for exemption of new teaching staff from undertaking the PGCHE:

Either

- Qualified teacher status: e.g. Registered teaching qualification recognised by SEDA, Bed, PG Cert E or further education qualification;
- DFEE registered teaching number (school based number);
- Recognised ENB (NURSING) teaching qualification.

Or

- Three years full time teaching experience (subject to review following guidelines from ITLHE).

Not Accepted

General Adult Education cert. not accepted at present as it does not consider theories of learning, knowledge, needs, skills, and principles of learning.

NB Regardless of exemption, all new lecturers to the University MUST go through academic induction.