

### **Job Description**

<b>Job Title:</b>	<b>Lecturer in Product Design Engineering</b>
<b>Job Ref:</b>	<b>SCT251A</b>
<b>Campus:</b>	<b>Hendon</b>
<b>Department:</b>	<b>Design Engineering and Mathematics</b>
<b>School:</b>	<b>Science and Technology</b>
<b>Grade:</b>	<b>Grade 7</b>
<b>Salary:</b>	<b>£37,530 to £43,111 inclusive Outer London Weighting</b>
<b>Period:</b>	<b>1-year fixed term</b>
<b>Reporting To:</b>	<b>Head of Department</b>

#### **Role Summary**

The role will be held by a developing academic who combines research with learning and teaching, and knowledge transfer and a broader contribution to their programme.

#### **Job Purpose**

To conduct and contribute to 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**

To contribute to learning, teaching, assessment and ongoing curriculum development individually and as part of a team:

- Deliver high quality teaching to students
- Design, develop and review teaching activities and materials
- Identify best and innovative practices in learning and teaching and build these into personal teaching practice
- Maintain an understanding of how emerging research in the subject discipline can shape and improve the curriculum, and inform personal teaching practice
- Contribute to course/programme review and design
- Give effective advice, guidance and feedback to students, to support their academic progress
- Enhance student experience and outcomes

##### **Research and knowledge transfer**

- Contribute to or lead (under guidance) applications for research and knowledge transfer funding
- Individually or with others, conduct and disseminate the outputs of high quality research, normally of international standard
- Develop and maintain a network of research and knowledge transfer related contacts, in the University and the wider specialist community
- Be committed to ensuring that research has impact beyond academia
- Continually update own knowledge in the field of specialism.
- Supervise Masters students and contribute to doctoral supervision

##### **Academic Leadership and Management**

- Lead learning and teaching activities in a particular area as agreed, e.g. module leadership

- Contribute to the administration of the academic programme, by supporting student recruitment, induction etc
- Advise and coach colleagues
- 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:**                    **Lecturer in Product Design Engineering**

Essential Requirements

### **Knowledge, Skills and Experience**

- Appropriate academic qualifications at postgraduate level 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 process, 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.
- Understanding of good professional practice in learning and teaching.
- Proven ability to work on own initiative and as part of a multidisciplinary team.

Desirable Requirements

### **Knowledge, Skills and Experience**

- Relevant commercial experience in product design or industrial design practice.
- Ability to deliver high quality teaching in appropriate contexts in Higher Education.
- Relevant HE experience in developing high quality teaching materials.
- Commitment to attracting research and or knowledge transfer funding.
- Evidence of research performance and research outputs of international standard.
- Experience of leading projects and working with clients.
- Understanding and proven experience of research methods and processes.

**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](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](mailto: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.

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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.