

Lecturer – Mechanical Engineering

Department:

School of Engineering
Ref: ENG-187/A

Salary:

Salary in the range of: £38,591 to
£44,737 per annum

*Closing date for applications:

12 noon on Monday 12 December
2022

Interviews to take place in the new
year.

The job description and person
specification can be viewed on our
website: [https://www.bolton.ac.uk/staff-
area/professional-services/about-
hr/vacancies/](https://www.bolton.ac.uk/staff-area/professional-services/about-hr/vacancies/)


or requested by email:
jobs@bolton.ac.uk.

To apply, please send a covering letter
(2 pages of A4) and CV setting out why
you are interested in the role and
demonstrating how you are able to meet
the requirements of the Job Description
Person Specification.

Candidates must be eligible to work in the
UK, for more information please visit
<https://www.gov.uk/check-uk-visa>.

No agencies.

*Please note, the university reserves the
right to shorten/extend the closing date of
any position where a high/low volume of
applications are received.



The University of Bolton is a “Teaching Intensive, Research Informed” higher education institution whose distinctive high quality, student-focused, undergraduate and postgraduate programmes attract students from all over the world.

Our staff are at the heart of everything we do: they are highly qualified and experienced in their fields, supporting their teaching practice by carrying out quality research and engaging in continuous professional development. Staff pride themselves on being outstanding professionals that provide excellent learning, teaching and applied research and support in the provision of custom-designed, industry led courses in numerous subject areas.

The School of Engineering are looking to recruit a Lecturer to join an enthusiastic and proactive team within the School.

The key duties of the role-holder will be to lead and contribute to teaching and research in one or more of the following areas: - Engineering Systems, Control Engineering, Automation, Robotics and Manufacturing Systems. Preferably, applicants will be expected to have technical hands-on experience of Engineering Process and Systems and have good skills using software-based tools e.g. Matlab, SolidWorks and Ansys etc. The role will also include the academic and personal support of students.

Applicants will be required to have completed or be close to completion of a PhD in an area related to the above topics. Membership of a relevant professional body, preferably with CEng status will be a distinct advantage. In addition, a relevant teaching qualification and/or fellowship status of the Higher Education Academy (HEA), or a willingness to obtain fellowship membership of the HEA within a specified time frame, will be a requirement.

The successful candidate should demonstrate an awareness of current developments and priorities within the Mechanical Engineering sector as well as being able to facilitate the creation and maintenance of a range of links between academic and Mechanical Engineering organisations.

Relevant teaching and programme delivery experience, as well as being able to undertake appropriate subject specific research, is essential.

Further details of the essential criteria for the post can be located within the Job description.

*Software Skills in SolidWorks, MATLAB, ANSYS and Python are preferable.
Teaching topics may include:*

- *Data Science and Artificial Intelligence,*
- *System Dynamics and Controls,*
- *Mechanical Design (CAD,), stress analysis.*
- *Thermodynamics and thermofluid (CFD and analysis)*
- *Materials, Structures and Manufacturing (CAM).*
- *Biomedical engineering*
- *Advanced mathematical modeling and analysis*
- *Project Management*

#hiring #mechanical #lecturer