

Job Description

Lecturer in Mechanical Engineering

Faculty of Technology, Arts & Culture

Grade: F

	Duties of the role
Overall purpose of the role	To contribute to management, delivery and further development of our existing as well as newly planned UG and PG programmes in the area of Mechanical engineering specifically delivering and developing modules related to Mechanical Engineering such as Design, Dynamics, Vibration, Thermodynamics, Fluids Mechanics and Mathematics. To engage in research and/or consultancy within the School of Engineering and Sustainable Development. Candidates with previous experience in Mechanical Engineering are especially welcome to apply.
Main duties and responsibilities	ACADEMIC LEADERSHIP AND MANAGERIAL • To fully participate in the delivery of the School's provision in undergraduate and postgraduate degree programmes • To develop, maintain and evaluate teaching, learning and assessment materials in modules related to Mechanical Engineering and year zero, undergraduate and post graduate modules when needed. • Teaching at School's Transnational Education partners, as required, in accordance with individual specialism. • To assess students at all academic levels and provide feedback in accordance with university policy. • To engage in continuous professional development with respect to both your teaching and learning skills and your discipline as a whole, and to work towards professional registration where appropriate. • To supervise undergraduate, postgraduate and research projects. • To maintain currency of knowledge through engagement with industry, consultancy and/or research. • Actively contribute to external income generation. • To undertake administration and management duties commensurate with the role as and when required. • To attend School and Faculty meetings as and when appropriate. • Perform any other duties commensurate with the job grade as reasonably required from time to time. • Treat all DMU staff, students, contractors and visitors with dignity and respect. • Provide a service that complies with the Equality Act 2010, eliminating unlawful discrimination, advancing equality of opportunity and fostering good relations with particular attention to the protected characteristics of age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief (or none), sex and sexual orientation. • All members of staff are responsible for their contribution to improved environmental performance and in reducing greenhouse gas emissions at DMU. It is therefore required that all members of staff are aware of how the Environmental Policy relates to their own role at the University. Staff conduct must reflect the values inherent in the Environmental Policy and where required staff must cooperate with environmental compliance and conformance requirements to help minimise our emissions to air, water and land.

Person Specification

Job title: Lecturer in Mechanical Engineering

Faculty of Technology, Arts & Culture

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Full time, Permanent

Area of responsibility	Requirements	Essential	Desirable	*Method of Assessment			
				A	I	T	D
Qualifications & Training	Undergraduate degree in Engineering	X		X			X
	PhD or Equivalent in relevant discipline	X		X			X
Previous Work Experience	Experience of teaching communications engineering at higher education level.	X		X	X		
	Industrial experience in the development and applications of Mechanical engineering.		X	X	X		
Specific Knowledge/ Skills /Abilities/ Motivation/ Attitude Required	A strong background in Engineering	X		X	X		
	Wide knowledge and experience of the theory and practice of modern mechanical engineering	X		X	X		
	Ability to successfully conduct high-quality research in mechanical engineering	X		X	X		

Area of responsibility	Requirements	Essential	Desirable	*Method of Assessment			
				A	I	T	D
	Ability to take on curriculum development and programme leadership where appropriate	X			X		
	Ability to convey information, ideas and concepts using a variety of media to individuals and groups in an engaging manner	X			X		
	Awareness of current teaching and learning methods.	X			X		
	Self-motivation, willingness to accept responsibility and to be responsive to feedback.	X			X		
	Ability to liaise with staff at all levels of seniority and experience.	X			X		
Additional Requirements	A wide knowledge of current industrial practice in engineering, together with an appreciation for the likely future direction of the discipline.		X		X		
	Knowledge and experience of mechanical engineering		X		X		
	Ability to liaise with industry and professional bodies.		X		X		

*A = Application Form; I = Interview; T = Test; D = Documentary Evidence