

Person Specification

Post Title:	Research Assistant in solid mechanics (3D printed materials)	Post No:	S4739
Organisation Unit:	School of Technology and Science		
Grade:	F	Date Compiled:	20.11.2018

Attributes	Essential *	Desirable
Knowledge	<p>An understanding of standard research techniques and methods within solid mechanics</p> <p>Thorough knowledge of equipment and machinery for project work, including routine testing and maintenance procedures, ability to demonstrate equipment to teaching or research staff where appropriate</p> <p>Understanding of other equipment and machinery within the school where appropriate</p> <p>Expertise in relevant computer packages</p>	<p>An understanding of material characterisation and modelling in a Higher Education context</p>
Skills	<p>Ability to collate, interpret and analyse data</p> <p>Bibliographic research skills (including use of electronic library resources)</p> <p>Ability to demonstrate competency in specific equipment and techniques specifically related to material characterisation and modelling if required</p> <p>Ability to collect and collate bibliographic and other information from academic staff and/or research students regarding their research and other related activities</p> <p>Ability to troubleshoot problems and escalate more complex problems which may affect the achievement of research objectives and deadlines</p>	<p>Systematic approach to managing information</p> <p>Ability to explain complex ideas clearly using simple language</p>

Experience	Significant relevant work experience in an academic environment Experience of report writing Experience of data collection, analysis and interpretation			
Qualifications	Educated to degree level or equivalent in an appropriate subject area such as engineering, material science, physics Masters degree in related subject or equivalent work experience.		PhD or master's degree in solid mechanics or any other relevant discipline Membership of relevant bodies	
Competencies	COMPETENCY - Essential	LEVEL	COMPETENCY - Desirable	LEVEL
	<u>Communicating and Influencing</u> Communicates information effectively to a wide range of diverse stakeholders, influencing events.	2		
	<u>Making informed decisions</u> Uses analyses, reports and data to test the validity of options and assess risk before taking decisions. Ensures optimum decisions are taken.	2		
	<u>Organisation and Delivery</u> Plans time taking account of organisational priorities and other colleagues' work roles to achieve results. <u>Team Working</u> Works effectively as a member of a team. Takes responsibility for getting things done as part of a team.	2 1		
Person Specification drawn up by:	Petros Siegkas		Date: 20.11.2018	
Approved for department by:	CST HR		Date: 28.11.2018	

*** Please note: in compliance with our obligations under the Immigration, Asylum & Nationality Act 2006, we will require to check original documentary proof of eligibility to work in the UK**