

**JOB DESCRIPTION**  
**Technician, Grade 6**  
**Vacancy Ref:**  
**N2478**

<b>Job Title:</b>	Technician(Advanced Manufacturing)	<b>Present Grade:</b> 6S
<b>Department/College:</b>	Engineering	
<b>Directly responsible to:</b>	Laboratory Superintendent	
<b>Supervisory responsibility for:</b>	N/A	
<b>Other contacts</b>		
<b>Internal:</b> Other academic, technical and research staff in the Engineering Department as appropriate		
<b>External:</b> Equipment manufacturers and suppliers, service engineers and specialist contractors. External users of equipment.		
<b>Major Duties:</b>		
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<ul style="list-style-type: none"><li>To support the management of the departments Additive Manufacturing facility, producing parts for both U/G teaching and research projects using a wide range of additive manufacturing processes. Work with Lancaster Product Development Unit, to provide specialist advice to external users of the facility.</li><li>To support the requirements of teaching and research projects related to material preparation and processing.</li><li>Materials testing including sample preparation and the operation of a range of test equipment.</li><li>Manufacturing &amp; fabrication of parts for projects and classes where they arise, working from drawings, sketches and verbal instruction using standard workshop equipment.</li><li>Undertake where appropriate, maintenance of equipment &amp; management of resources</li><li>Liaise with suppliers and contractors on the servicing, repair and testing of equipment.</li><li>Maintain up-to-date records of maintenance and testing of equipment.</li><li>To evaluate and test new equipment under consideration for use in the laboratories and workshops.</li><li>To support academic staff in developing new laboratory demonstrations, in assisting teaching laboratories and project activities. Specific training will be offered.</li></ul>		
Health & safety:		
<ul style="list-style-type: none"><li>To ensure compliance with all relevant health &amp; safety requirements whilst undertaking duties.</li><li>To ensure that the mechanical laboratory users comply with relevant aspects of health &amp; safety requirements and guidelines.</li><li>To support the development of laboratory procedures and ensure users are trained in those procedures.</li><li>To ensure that allocated areas are kept in good order and that safety devices are in place and operational.</li><li>To ensure that all waste produced is disposed of in accordance with departmental and university procedures.</li></ul>		
General duties:		
<ul style="list-style-type: none"><li>To assist with the raising of purchase orders, ensuring compliance with University financial regulations.</li></ul>		

- To work co-operatively with the other members of the technician team in support of team, department and faculty objectives.
- To undertake any other duties as required, commensurate with the grade or below as directed by the Laboratory Superintendent or Head of Department.
- To undertake personal and professional development in accordance with the post requirements.
- To support the department's outreach activities with school, colleges and prospective students.