JOB DESCRIPTION
Technician, Grade 6
Vacancy Ref: N2478

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Technician(Advanced Manufacturing)</th>
<th>Present Grade: 6S</th>
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</thead>
<tbody>
<tr>
<td>Department/College:</td>
<td>Engineering</td>
<td></td>
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<td>Directly responsible to:</td>
<td>Laboratory Superintendent</td>
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<td>Supervisory responsibility for:</td>
<td>N/A</td>
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Other contacts

Internal:
Other academic, technical and research staff in the Engineering Department as appropriate

External:
Equipment manufacturers and suppliers, service engineers and specialist contractors. External users of equipment.

Major Duties:

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- To support the management of the department’s 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.
- To support the requirements of teaching and research projects related to material preparation and processing.
- Materials testing including sample preparation and the operation of a range of test equipment.
- Manufacturing & fabrication of parts for projects and classes where they arise, working from drawings, sketches and verbal instruction using standard workshop equipment.
- Undertake where appropriate, maintenance of equipment & management of resources.
- Liaise with suppliers and contractors on the servicing, repair and testing of equipment.
- Maintain up-to-date records of maintenance and testing of equipment.
- To evaluate and test new equipment under consideration for use in the laboratories and workshops.
- To support academic staff in developing new laboratory demonstrations, in assisting teaching laboratories and project activities. Specific training will be offered.

Health & safety:
- To ensure compliance with all relevant health & safety requirements whilst undertaking duties.
- To ensure that the mechanical laboratory users comply with relevant aspects of health & safety requirements and guidelines.
- To support the development of laboratory procedures and ensure users are trained in those procedures.
- To ensure that allocated areas are kept in good order and that safety devices are in place and operational.
- To ensure that all waste produced is disposed of in accordance with departmental and university procedures.

General duties:
- To assist with the raising of purchase orders, ensuring compliance with University financial regulations.
- 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.