UNIVERSITY OF DERBY
JOB DESCRIPTION

<table>
<thead>
<tr>
<th>JOB TITLE</th>
<th>KTP Associate – Product and Process Development Engineer (3 year fixed term)</th>
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<tbody>
<tr>
<td>DEPARTMENT</td>
<td>IISE</td>
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<tr>
<td>LOCATION</td>
<td>Royal Crown Derby - Derby</td>
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<tr>
<td>JOB NUMBER</td>
<td>0337-17R</td>
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<tr>
<td>SALARY</td>
<td>£22,000 - £40,000 (depending on experience)</td>
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<td>REPORTS TO</td>
<td>University of Derby and Company Supervisor</td>
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Role Summary

To introduce and embed modern engineering design and manufacturing technologies and practices into a business founded on a long heritage of craft skills.

Royal Crown Derby is an iconic premium brand, steeped in heritage. It now faces the challenge of increasing the speed to market in an ever increasingly competitive world and is looking to develop its capabilities with the use of modern technologies to give the same aesthetics as with original hand-crafted methods. Additional to this challenge is the need to work with ceramics materials and their capabilities.

Principal Accountabilities

- Implementation of technology to print manufacturing moulds directly from the CAD system
- Embedding of the CAD modelling capability within the company
- Delivery of commercial value from the project
- Budget management and control

Person Specification

1) Essential Criteria

Qualifications

- First or upper second class degree with honours in a design, engineering, manufacturing or science degree
- Masters or MPhil in industrial product design, advanced production technologies or a related subject

Experience

- Experience of project work in a business environment
- Experience of project management and report writing
Skills, knowledge and abilities

- Knowledge of 3D CAD modelling systems
- Knowledge of computer-aided-manufacture and CAM software systems
- Excellent communication skills – oral and written
- Able to work as part of a team, but also able to work independently when required
- Punctual, professional and dependable
- Willingness to support the writing of publications
- Ability to work in dynamic industrial environment
- A willingness to demonstrate versatility and flexibility
- The ability to manage change

Business Requirements

- Willingness to work outside of routine hours including weekends

2) Desirable Criteria

Experience

- 3D printing / Additive manufacturing
- Development and implementation of a 3D CAD modelling capability within Royal Crown Derby
- Development of the technology to print Setters directly from the CAD system
- Knowledge and experience in product design using digital tools

Skills, knowledge and abilities

- Knowledge and experience of CAM programming
- Knowledge of the Ceramic Industry

Benefits

- £4,000 Development Budget
- Travel & Subsistence Budget
- Probation period: Three Months
- Hours of work per week: 42.5 hours Mon - Fri 8.30 – 5.00
- Annual leave entitlement: 21 days plus statutory
- Notice period: One month