# Role profile

<table>
<thead>
<tr>
<th>Job title</th>
<th>Technician CNC Turner</th>
<th>Job family and level</th>
<th>Technical Services Level 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>School/Department</td>
<td>Faculty of Engineering</td>
<td>Location</td>
<td>Central Engineering Faculty Workshop University Park Campus</td>
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## Purpose of role

Manufacture component from drawing and CAD files using CNC and conventional turning techniques. Give practical advice and assistance Academic and Research Staff/Students on a wide and varied range of machining projects. Assist and train students within the Faculty of Engineering in relation to meeting the practical requirement of their course.

## Main responsibilities

(Primary accountabilities and responsibilities expected to fulfil the role)  

<table>
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<th>% time per year</th>
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| 1               | 65%  
| 2               | 15%  
| 3               | 5%   
| 4               | 5%   
| 5               | 10%  

### 1
- Machining/manufacture of components, apparatus and test specimens from drawings and CAD files.
- Modification of components and apparatus from verbal instructions and/or drawings/sketches.
- All work to high precision and quality finish.

### 2
- Assist in Teaching Workshops, teaching of basic level engineering processes including conventional and CNC machining.
- Demonstrate basic engineering techniques to staff and students.
- Train students, researchers and trainee technicians, in the use of engineering machines.

### 3
- Activities to support the adherence to Health and Safety policies of the University and relevant standards, procedures and codes of practice.

### 4
- Operation, maintenance, servicing, repair and adjustment of workshop machinery and laboratory equipment.

### 5
- Any other duties appropriate to the grade and role of the post holder.
## Person specification

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<th>Essential</th>
<th>Desirable</th>
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| **Skills**              | • General computer skills including Microsoft Office  
• Substantial proven experience of CNC and Conventional Turning in a precision environment | • Knowledge and use of a range of machining and workshop production methods,                    |
| **Knowledge and experience** | • Fully skilled and conversant with CNC/conventional turning skills and techniques with relevant programming language(s) | • Knowledge and skill of using CAD software  
• Skills in XYZ ProtoTRAK, Hurco, and WinMax |
| **Qualifications, certification and training (relevant to role)** | • HNC in relevant subject, or equivalent qualifications, plus considerable work experience in a relevant role  
• OR  
• Substantial work experience in a relevant role |                                                                                                 |
| **Statutory, legal or special requirements** | • A good understanding of Health and Safety in the workplace |                                                                                                 |

The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.
Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University’s strategy, vision and values. The following are essential to the role:

Valuing people Is friendly, engaging and receptive, putting others at ease. Actively listens to others and goes out of way to ensure people feel valued, developed and supported.

Taking ownership Is clear on what needs to be done encouraging others to take ownership. Takes action when required, being mindful of important aspects such as Health & Safety, Equality, Diversity & Inclusion, and other considerations.

Forward thinking Drives the development, sharing and implementation of new ideas and improvements to support strategic objectives. Engages others in the improvement process.

Professional pride Is professional in approach and style, setting an example to others; strives to demonstrate excellence through development of self, others and effective working practices.

Always inclusive Builds effective working relationships, recognising and including the contribution of others; promotes inclusion and inclusive practices within own work area.

Key relationships with others