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**TECHNICIAL SERVICES NEED HELP?**

Contact the Central Technical Services at the Department of Engineering

**Alistair Ross**

email: workshops-office@eng.cam.ac.uk
Telephone: +44 1223 3 39706

Please provide details of the work required and include the design and drawings.
CAD files should be submitted in **iges or step format**.
Complete the Workshop Requisition Form and
email workshops-office@eng.cam.ac.uk for an estimate and quote.

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| **CEB WORKSHOP REQUISITION** |
| **Job Title** | **PI Authority Signature** | **PI Authority** | **Workshops Ref No:** |
|  | Name: | Email: | *Office use only* |
| Description of job | Date of Issue | *Office use only* |
|  | Date of Request |  |
| Teaching Part II B Projects |  |
| Research |  |
| **SOURCE OF FUNDING** |
| EU grant (Sponsor) |  |
| Innovate grant (Sponsor) |  |
| Purchase Order Number (PO) |  |
| **REQUESTED BY Name:** |  |
| Email |  |
| Telephone |  |
| Department |  |
| Acceptance of Job by Workshops | LABOUR ESTIMATE | MATERIALS ESTIMATE |
| *Office use only* | *Office use only* | *Office use only* |
| COMMENTS | JOB COMPLETED | DATE |
| *Office use only* | *Office use only* | *Office Use Only* |

**WHAT WE CAN DO**

**Technical Services**

* TheCentral Technical Services at the Department of Engineering can help with Mechanical and Electronic manufacture.
* Specialist engineering skills are available to the Department of Chemical Engineering and Biotechnology and can be used for teaching projects, 4th year Part II B projects, making equipment for research and other projects.
* Our main manufacturing facilities are located in the large central Machine Shop where we have a large range of machines ranging from CNC milling in the form of 2.1/2, 3, 4 and 5 axis, CNC lathes, a CNC High pressure waterjet cutting machine, wire and plunge EDM.
* We also have a range of manual machines and a sheet metal, welding and fabrication section.
* We can make a very large range of machined parts from complex surface geometries such as turbine blades to complete mechanical assemblies.
* If in doubt come along and speak to us, we are here to help.

**Electronics Support**

* The Electronic Development Group can manufacture fully finished electronic devices or just parts for electronic projects.
* These can be 4th year Part II B and other student projects or equipment for research.
* There are facilities to produce PCB’s using a CNC milling process that can also produce double sided PCB’s as well as the more tradition etching process. These boards can be made so you can mount the electronic components or these can be mounted for you, there is also a repair and fault finding service for equipment.
* Other services include Wiring Harness’s, enclosures for instrumentation such as strain gauge amplifiers, stepper motor control and power control devices along with advice on experimental setups and breakout box’s.

**CHARGE PER HOUR**

The rate to the Department of Chemical Engineering and Biotechnology is £35.00 per hour.

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| **ContactCentral Technical ServicesMr Alistair Ross Departmental Technical Services Manager** Department of EngineeringTrumpington StreetCambridgeCB2 1PZ<http://www.eng.cam.ac.uk/about-us/how-find-us> Room Number: IE0-05 email: workshops-office@eng.cam.ac.ukTelephone: +44 1223 3 **39706****Website** <https://www.dts.eng.cam.ac.uk/> |