Incoming students briefing notes

These notes are intended for students who are transferring into the Engineering Tripos from other Departments and those who are undertaking an exchange at the Department.

If you wish to apply to transfer to Part IIA of the Engineering or Manufacturing Engineering Triposes please see the guidance notes and complete the application form.

You might also find the Terminology Guide for Cambridge and/or Engineering-specific jargon, abbreviations and acronyms useful as you settle in to the Department.

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Information specific to transferring and exchange students

Industrial experience

Transferring students are urged to make an appointment with the Industrial Experience Coordinator at the earliest opportunity. Visit the industrial placement website for further information.

Registration

Registration will be online, in conjunction with your Director of studies

Registration will take place online and will be led by your DoS. All students (Part IA plus those transferring to any Part of the Tripos from other Departments) need to register, and this is also when you will be assigned to a lab group.

Introductory Lectures

Introductory lectures: Wednesday 7 October 2020, 9.15–11.00 online.

You will require two links for the Introductory lecture. The first link is to register and the second to view (you need to register in order to then be able to view).

Registration: https://eng-cam.zoom.us/webinar/register/WN_Gh6wO50iQ_GOUkjlAo3myA

Viewing: https://eng-cam.zoom.us/j/87320284721?pwd=UVN4U1RvK3krYJlGR2RvWVWYUcrdz09

All first year students must attend these lectures - attendance at the health & safety talk is a requirement in order to then be able to enter the department for your labs. Incomers into other years are also very welcome.
Health and safety at work lecture (as above)

All new and incoming students to Engineering must attend this talk which takes place during the above session on Wednesday 7 October 2020. Attendance will be registered.

Where are the lecture rooms/theatres?

- LT0, LR4: ground floor Baker building
- LT1, LT2: ground floor Inglis building
- LR3, 3A, 3B: up steps in Inglis building
- LR5, LT6: first floor Baker building
- LR10, LR11, LR12: ground floor Baker South Wing

See also the map of the Engineering Department

How to read the lecture card

Essential equipment

Drawing equipment

All students will need the following essential drawing equipment and this should be purchased in advance of the start of term. Depending on which lab group you are allocated to you may need it for the Structures Lab, which for some students will start in week 2.

A supply of complete drawing kits will be available to purchase at your first Structural Design session (Mich term) at a cost of £20.00. Due to the COVID situation we are currently unable to sell these from our Main Stores (Inglis Building, ground floor) or the vending machine located in the Design and Project Office (DPO). Another essential piece of drawing equipment is a set-square, which are usually available to borrow. This year however, the department has purchased one for each student and they will be handed to you free of charge in the first Structural Design session.

In addition, payment for the above drawing kits can only be made via card, no cash sales are permissible.

The drawing kit comprises of the following items (full details/part numbers available here):

- HB Pencil
- Shine Plastic Eraser
- Blundell Harling 300mm ruler
- Ecobra Compass
- Rumold Circle template
- Rumold Protractor

*Please note, using equipment that does not meet the criteria we have set out may affect the quality and accuracy of your work and therefore it is possible you may be penalised when submitting for marking.

If you wish to purchase your own equipment we would advise you to buy items of at least a similar standard to those we have recommended.

**University approved calculator**

Please refer to the [University approved](http://teaching.eng.cam.ac.uk/content/incoming-students-briefing-notes) list of calculators for those permitted to be used in the exams. Due to the COVID situation we are currently unable to offer these for sale.

**Databooks**

A full set of Databooks can be found online [here](http://teaching.eng.cam.ac.uk/content/incoming-students-briefing-notes).

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**Non-compulsory costs**

**Centre for Languages and Inter-Communication (CLIC) trips**

The cost of these optional trips for those taking language courses (which are often open to students in all years) is c. £300.

**Photocopying and printing**

Students are required to pay for [photocopying and printing](http://teaching.eng.cam.ac.uk/content/incoming-students-briefing-notes) if they exceed their [quota](http://teaching.eng.cam.ac.uk/content/incoming-students-briefing-notes), which is designed to accommodate the majority of the requirements of the course.

**Constructionarium Part IIA project**

Constructionarium project: students taking this option are required to buy safety boots (£30) and contribute to the cost of the course - *Estimated cost to student £270*

**Source URL (modified on 23-08-19):** [http://teaching.eng.cam.ac.uk/content/incoming-students-briefing-notes](http://teaching.eng.cam.ac.uk/content/incoming-students-briefing-notes)