Equipment Information for Students

Safety Equipment

The School of Civil Engineering will provide each undergraduate student with a safety kit comprising of Safety Boots, High Visibility Jacket, Hard Hat and Gloves, all contained within a backpack.

This equipment will be used when taking part in selected laboratory practical sessions, during survey camp, and any site visits you may undertake.

During Induction Week, you will be required to complete an online form to provide us with your size information. Equipment will then be distributed, via your tutor group sessions, in the weeks following.

Computer Requirements (Laptop)

Throughout your studies, you will be using a variety of software to perform tasks and research. The School of Civil Engineering prides itself on providing good computing facilities to run more demanding software to the students.

All software is accessible either via University Computers, or remotely through the University's virtual platforms. See the University of Leeds IT Services page for more information.

Any modern laptop will suffice for this course, and the University will provide MS Office 365 as a free download – including OneDrive.

Most software applications we use are Windows based. Unfortunately, a Mac running the standard MacOS will not run some of the Engineering software that Civil Engineers use. We acknowledge that there are workarounds to run Windows-specific software on a Mac but using Windows as your main operating system will be more convenient for your studies.

Chromebooks will suffice for most written work, but it will not meet the requirements necessary to run Simulation or other Numerical Software.

If you are buying a new laptop, we advise you to 'future proof' your purchase by buying a high-spec machine that you can afford. This will avoid complications should current software be updated, and it may last you long after your studies are complete.

For your laptop, we advise;

- RAM: 8gb+ (16GB Recommended)
- SSD: 126gb minimum
- Screen: 15"+

Additional (for home study):

- Built-in Microphone + Webcam
- Second Monitor (for home study)
- Suitable laptop case

Drawing Kit

As part of your 1st year studies at the School of Civil Engineering, you will be undertaking the IDP 1 (Integrated Design Project, Level 1) module. As part of this you will be taught how to draw, not only in two and three dimensions using a variety of Engineering Software, but also by hand.

Sketching is an important skill for all engineers. A Sketch is all about communication, not a work of art, but a means of explaining and understanding. As such for the first 6 weeks of the module you will be learning to sketch to demonstrate your design intent. These designs will then be developed during the rest of the module where the sketching of your ideas becomes an intrinsic part of your work.

For the module you will need to purchase a variety of pencils, pens, and sketching aids. These are detailed below. The links included are to give you an idea of what you need to buy but they are available from a range of vendors:

- Classmaster Plastic Eraser
- Masking Tape
- Pental 120 A3 Pencil set
- Staedtler Pen set (for another example, see here)
- 45° Set Square
- 60° Set Square
- A3 Tee Square
- Scale rule – Helix. Please ensure that the scales are as follows: Scales: 1:1-5-20-250-1250 100-200-50-2500.
- Protractor, 100mm
- Tracing paper – roll 297mm x 20m
- Drawing Pad A4 - 90gsm 40 sheets x 2 Pads