

SURVIVING YOUR FIRST WEEK – WHAT YOU NEED TO DO

Welcome to Cambridge Engineering. Arriving here may seem a bit overwhelming – these notes are to help you through the first few days. After that, all should have become clear. Good luck!

- (1) MEETING WITH DIRECTOR OF STUDIES (*Compulsory*)
(should happen before Tuesday 4th)
Pick up course information: Briefing Notes for First Year Students (READ THESE)
Lecture Timetable
Laboratory Schedule
Examples Paper/Class Schedule
Supervision arrangements
SSJC Freshers' Guide
Put key dates/times in your diary.
- (2) FIGURE OUT YOUR TIMETABLES
For help with these, see the “How to read...” attachments with sample
Lecture Timetable + Lab Schedule
Animated versions of these are on the Teaching Webpages (URL below)
More dates/times for your diary.
- (3) REGISTRATION AT DEPARTMENT (*Compulsory*)
Tuesday October 4th
Details/times in 4.01 of Briefing Notes
- (4) INTRODUCTORY LECTURES (*Compulsory*)
Wednesday October 5th, 9.15-11.15am
Details/times in 4.02 of Briefing Notes
- (5) STUDY SKILLS AFTERNOON (*Optional, but you are encouraged to attend*)
Wednesday October 5th, 2.00-3.30pm
Details/times in 4.03 of Briefing Notes
- (6) PREPARATION BEFORE LECTURES/LABS START (on Thursday 6th)
Find your way around the Department (MAP issued at Registration)
Find out your general LABGROUP number/partner (Web or Baker Building foyer)
Find out your LEGO MINDSTORMS LABGROUP number/partners
Find out your Exposition class leader, and location of the first session
(Web or Baker Building foyer)
Find out where you have your Lego Mindstorms activity on Thursday 6th
Read the preparatory material on the Lego Mindstorms activity:
http://mi.eng.cam.ac.uk/~ahg/pre_lego/
- (7) FIND AND COLLECT EXAMPLES PAPERS
Issued on Wednesdays: first papers are out on October 5th
Boxes/racks in Inglis Building corridor

For further general advice, see the SSJC Fresher's Guide

NB: All Departmental information/documents can be found on the
First Year pages of the Department Teaching Website:

<http://www.eng.cam.ac.uk/teaching>

Reading the Lecture Timetable

xxxx TERM, 200x

PART IA

Afternoons: a few lectures;
+ occasional Lego / Drawing /
Computing / Elec. Project
sessions – find your dates on
the Lab rota)

4 x 1 hour slots, 9am – 1pm
Monday-Friday

	Paper no 9 - 10 no	Room	Paper no 10 - 11 Room no	Paper no 11 - 12 Room no	Paper no 12 - 1 Room no	p.m.	
MON	Computing briefing LOVE 6 Integrated Electrical Project intro lecture 3B Lego Mindstorms (1) DPO <i>LABORATORY/COMPUTING</i> <i>See rota for all</i>			P4: Mathematics (1-4) DAVIDSON (5-8) JUNIPER 1 (1-4) LONGLEY (5-8) WELLS 2	P1: Mechanics (1-8) H HUNT 0	2-4 LEGO MINDSTORMS (1) DPO COMPUTING <i>See rota for all</i>	4-5 Health & safety lecture (1, 3) SLACK 0
TUES	Engineer in society (1-8) MINSHALL ET AL 0		P2: Structural mechanics (1-6) DEJONG 0 P4: Computing lecture (7,8) CSANYI 0	Computing briefing LOVE 6 Lego Mindstorms (1) DPO <i>LABORATORY/COMPUTING</i> <i>See rota for all</i>		2-4 Lego Mindstorms (1) DPO COMPUTING <i>See rota</i>	
WED	P3: Physical principles of electronics WILKINSON (1-3) 0 P3: Linear circuits (4-8) DURKAN 0		P1: Mechanics (1-8) H HUNT 0	EXAMPLES - see schedule for rooms	P4: Mathematics (1-4) LONGLEY (5-8) WELLS 2	2-3 P1: Dimensional analysis (1,2) PARKS 0	3-4 Lego Mindstorms lecture (2) 0
THUR	P3: Physical principles of electronics WILKINSON (1-3) 0 P3: Linear circuits (4-8) DURKAN 0		P1: Dimensional analysis (1,2) PARKS 0 Eng appls (4-8) LONG et al. 0	Drawing lecture 2 Lego Mindstorms (1) DPO (2) Rooms 1, 12, 6 <i>LABORATORY/DRAWING</i> <i>See rota for all</i>		2-4.30 Lego Mindstorms (1) DPO (2) Rooms 1, 12, 6 Drawing lecture 2 <i>Followed by DRAWING</i> <i>See rota for all</i>	
FRI	Drawing lecture 2 Lego Mindstorms (1) DPO (2) Rooms 1, 12, 6 <i>LABORATORY/DRAWING</i> <i>See rota for all</i>		P4: Computing lecture (1,8) CSANYI 0 P2: Structural mechanics (2-7) DEJONG 0		P4: Mathematics (1-4) LONGLEY (5-8) WELLS 2 (1-4) DAVIDSON (5-8) JUNIPER 1	2-4.30 Lego Mindstorms (1) DPO (2) Rooms 1, 12, 6 Drawing lecture 2 <i>Followed by DRAWING</i> <i>See rota for all</i>	

Reading a
typical slot

Which weeks
(NB lecture weeks
run Thurs.– Weds.)

Paper 3
(Electrical/
Information)

Title of
lecture
course

Lecturer

P3: Physical principles of electronics WILKINSON (1-3)	0
P3: Linear circuits (4-8) DURKAN	0

Lecture theatre
(yes, it is
number
zero!)

See separate Lab
rota to find what
you have in these
slots (if anything)

Paper 4 Maths lectures:
2 parallel courses
“Fast” (2L per week):
Lecture Theatre 1
“Slow” (3L per week):
Lecture Theatre 2

**NB Illustrative timetable only –
may not be for the current year**

Reading the Laboratory Schedule

PART IA COURSEWORK ROTA - xxxx TERM, 200x

1st Computing/Integrated Electrical Project, and all Drawing: start with mini-lecture

- C Computing
 - D Drawing
 - IE Integrated Electrical Project
 - LM Lego Mindstorms (morning session)
 - LA Lego Mindstorms (afternoon session)
 - X Exposition
 - L Statics Experiment
 - S Structural Design
 - T Structural Design Test
- LR6 (1st morning session), then Design and Project Office (DPO)
 LT2 (morning and afternoon sessions), then DPO
 LR3B (1st session), then EIETL (Inglis Building)
- (week 1: DPO; week 2: LT1, 6 or 12)
 See separate Exposition Rota Structures Lab (Inglis Building)
 LR3A Structures Lab (Inglis Building)

Activity runs in morning AND afternoon on given day (Computing, Drawing, Integrated Electrical Project)

- DF Dimensional Analysis (Fluids)
- DS Dimensional Analysis (Structures)
- Thermodynamics Lab (Inglis Building) Inglis Mezzanine floor
- Structural Design Workshop, 2-5 pm (5 afternoons: Thursday, Friday, Monday, Tuesday, Wednesday) [Groups 31-60: Lent Term]

Lab Code on Schedule (see below)

Name of Experiment/Activity

Where it happens (see Map)

Structural Design: afternoon Workshop sessions, in addition to morning labs

Lego Mindstorms: morning or afternoon sessions

NB: Teaching "week" means Thursday - Wednesday

Week:	OCTOBER																NOVEMBER															
	Th	F	M	Tu	Th	F	M	Tu	Th	F	M	Tu	Th	F	M	Tu	Th	F	M	Tu	Th	F	M	Tu								
Lab Gps	7	8	11	12	14	15	18	19	21	22	25	26	28	29	1	2	4	5	8	9	11	12	15	16	18	19	22	23	25	26	29	30
1-3	LM	LM	X/LA	LA	LM	L	X	C	D	S	X	C	S	S	X	S	D	X			X			D	DF	X	T	DS	X			
4-6	LM	LM	X/LA	LA	LM	L	X	C	D	S	X	C	S	S	X	S	D	X			X			D	DF	X	T	DS	X			
7-9	LM	LM	X/LA	LA	LM	L	X	C	D	S	X	C	S	S	X	S	D	X			X			D	DF	X	T	DS	X			
10-12	LM	LM	X/LA	LA	LM	L	X	C	D	S	X	C	S	S	X	S	D	X			X			D	DF	X	T	DS	X			
13-15	LM	LM	X/LA	LA	LM	L	X	C	D	S	X	C	S	S	X	S	D	X			X			D	DF	X	T	DS	X			
16-18	LM	LM	X/LA	LA	LM	L	X	C	D	L	X	C			X	DF	D	S	X	DS	S	S	X	S	D	X	X	X	X			
19-21	LM	LM	X/LA	LA	LM	L	X	C	D	L	X	C			X	DF	D	S	X	DS	S	S	X	S	D	X	X	X	X			

Lab group numbers: first find your row

Nothing? Yes, usually – but used for Structural Design feedback (or lab marking in Lent Term)

Computing and Drawing: shading ⇒ morning and afternoon sessions (also for Integrated Electrical Project, IE)

Exposition: mainly off-site (see separate instructions)

NB Illustrative lab schedule only – may not be the current year