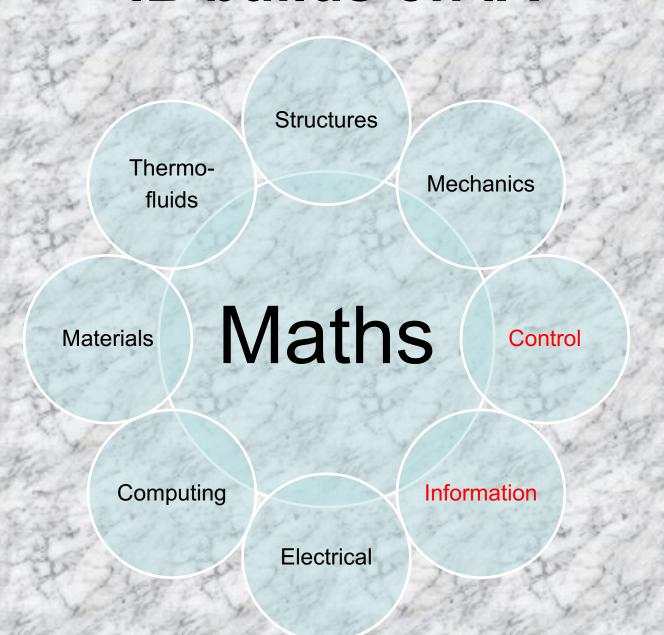


# Introduction to IB of the Engineering tripos

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Deputy Head of Department (Teaching)

# IB builds on IA



#### The course

- 7 papers taken by all.
- Paper 8 (Easter term) is on the elective modules you choose 2 (or 1 + language option).
- More coursework, including IDP

Paper	Title	Term
2P1	<u>Mechanics</u>	L
2P2	<u>Structures</u>	M, L
2P3	<u>Materials</u>	М
2P4	Thermofluid Mechanics	M, L
2P5	Analysis of Circuits and Devices	М
	Electrical Power	L
	Electromagnetic Fields and Waves	L
2P6	Linear Systems and Control	М
	Communications	L
	Fourier Transforms & Signal and Data Analysis	L
2P7	Vector Calculus	М
	Linear Algebra	L
	<u>Probability</u>	L

#### Your working week: Lectures

- About 11 each week.
- Watch all of them!
- Ensure you establish a good routine and are comfortable
- Ask questions!



#### Lectures: Teams, Moodle & Panopto

**IB** 

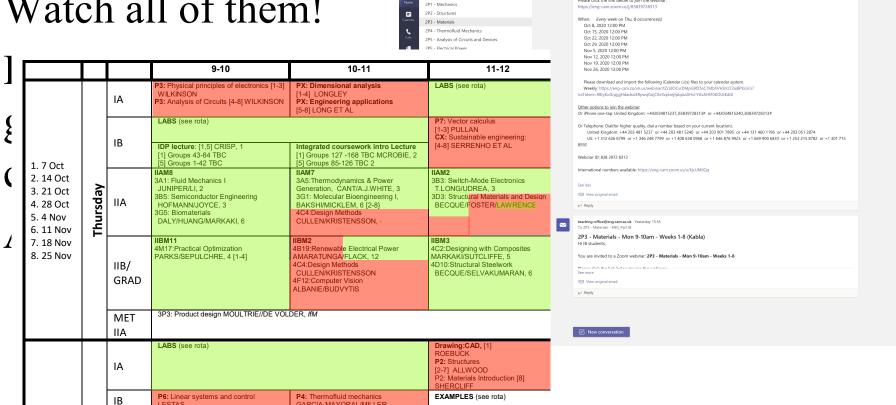
ENG\_Part IB

2P3 - Materials Posts Files Notes Moodle Panopto +

teaching-office@eng.cam.ac.uk Yesterday 15:42 2P3 - Materials - Thu 12-1pm - Weeks 1-8 (Kabla)

2P3 - Materials - Thu 12-1pm - Weeks 1-8

- About 11 each week.
- Watch all of them!



Self-enrolment: http://teaching.eng.cam.ac.uk/content/course-material-moodle

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### Your working week: Examples Papers



- 2-3 each week.
- These are the problem sheets that help you to really understand the material in the lectures.
- You will discuss them in supervisions.

### Your working week: Supervisions





- You will have about two supervisions each week. Most in-person, others remotely
- Strengthen your understanding of lecture material, go through examples papers, explore engineering context.
- Ask questions....

#### Your working week: Labs





- You will typically have 4-6 hours in the lab each week
- Lab work includes experiments and projects (IDP, ICW)
- All labs are in-person

# Tips for success

- Be organised; use a diary to record your commitments and plan ahead
- Work with other students
- Never be afraid to ask for help: from your DoS, the Teaching Office, your supervisors, your Tutor, senior students in your College...

- Grasp opportunities, try new experiences, enjoy your time here
- Follow COVID Rules and stay safe