

## Part IB syllabuses; links to online resources

### Lecture Courses

| Paper  | Title   | Term | On-line resources      |
|--|---|------|------------------------|
| 2P1  | <a href="#">Mechanics</a>   | L    | <a href="#">Moodle</a> |
| 2P2  | <a href="#">Structures</a>  | M, L | <a href="#">Moodle</a> |
| 2P3  | <a href="#">Materials</a>   | M    | <a href="#">Moodle</a> |
| 2P4  | <a href="#">Thermofluid Mechanics</a>                             | M, L | <a href="#">Moodle</a> |
| 2P5  | <a href="#">Analysis of Circuits and Devices</a>                  | M    | <a href="#">Moodle</a> |
|  | <a href="#">Electrical Power</a>                                  | L    | <a href="#">Moodle</a> |
|  | <a href="#">Electromagnetic Fields and Waves</a>                  | L    | <a href="#">Moodle</a> |
| 2P6  | <a href="#">Linear Systems and Control</a>                        | M    | <a href="#">Moodle</a> |
|  | <a href="#">Communications</a>                                    | L    | <a href="#">Moodle</a> |
|  | <a href="#">Fourier Transforms &amp; Signal and Data Analysis</a> | L    | <a href="#">Moodle</a> |
| 2P7  | <a href="#">Vector Calculus</a>                                   | M    | <a href="#">Moodle</a> |
|  | <a href="#">Linear Algebra</a>                                    | L    | <a href="#">Moodle</a> |
|  | <a href="#">Probability</a>                                       | L    | <a href="#">Moodle</a> |
| <b>2P8 - Selected Topics - Easter Term</b><br><br>Paper 8 is different from papers 1-7 as it includes a choice of topics. The Introductory Business Economics paper is compulsory for all students, while the remainder is divided into seven sections corresponding to the other seven activities shown below. Candidates will be required to answer questions from two sections of these sections, or, in the case of candidates offering a foreign language, one section. It is possible to attend more than two lecture courses if a student wishes to. With the exception of economics, all these courses run in the Easter term. |   |      |                        |
| 2P8  | <a href="#">The Engineer in Business</a>                          | L    | <a href="#">Moodle</a> |
|  | <a href="#">Aerothermal Engineering</a>                           | E    | <a href="#">Moodle</a> |
|  | <a href="#">Mechanical Engineering</a>                            | E    | <a href="#">Moodle</a> |
|  | <a href="#">Civil and Structural Engineering</a>                  | E    | <a href="#">Moodle</a> |
|  | <a href="#">Information Engineering</a>                           | E    | <a href="#">Moodle</a> |
|  | <a href="#">Electrical Engineering</a>                            | E    | <a href="#">Moodle</a> |
|  | <a href="#">Bioengineering</a>                                    | E    | <a href="#">Moodle</a> |
|  | <a href="#">Manufacturing &amp; Management</a>                    | E    | <a href="#">Moodle</a> |
|  | Language option   |      | <a href="#">CLIC</a>   |

### Courses associated with coursework

| Title                                   | Term | On-line resources      |
|---|------|------------------------|
| <a href="#">Sustainable Engineering</a> | M    | <a href="#">Moodle</a> |

**Source URL (modified on 23-07-24):** <https://teaching.eng.cam.ac.uk/content/part-ib-syllabuses-links-line-resources>