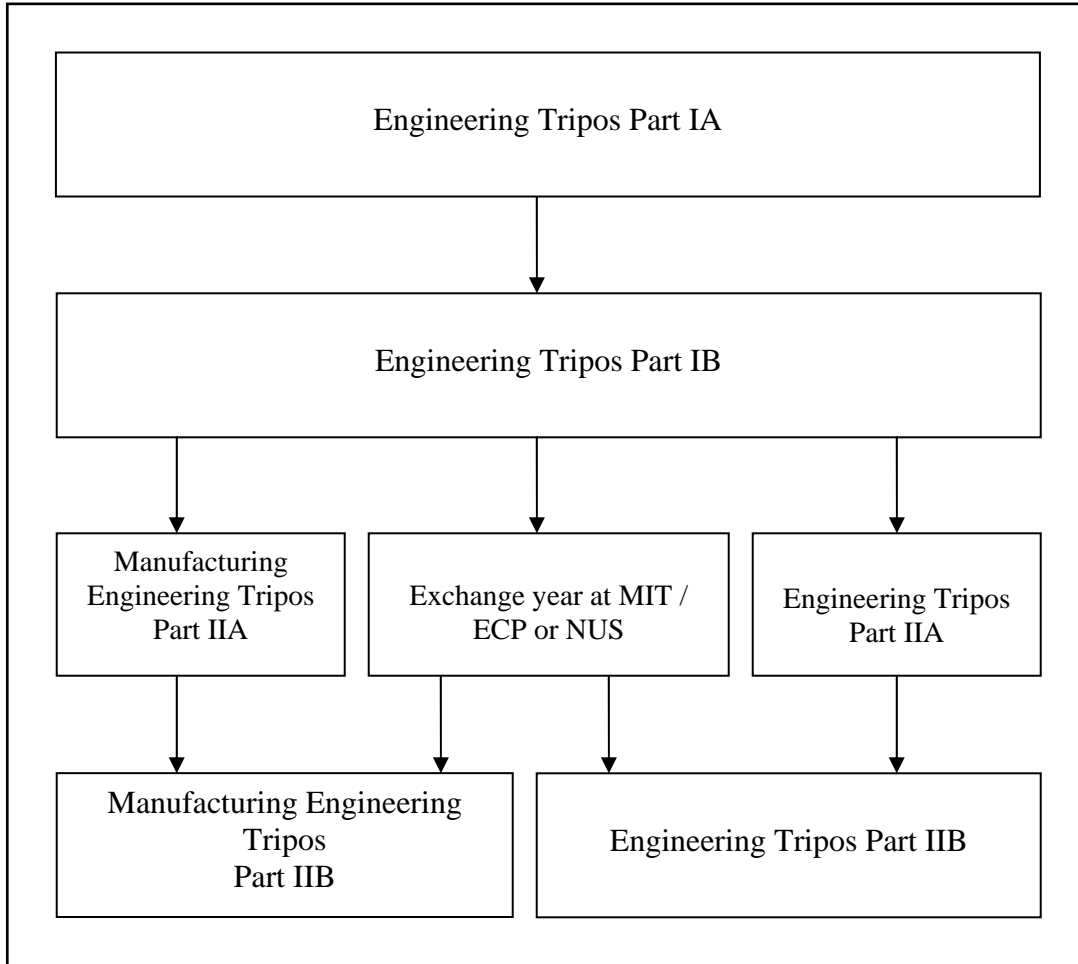


COURSE STRUCTURE



Part IA Engineering: *All compulsory. No options.*

Four 3-hour written papers (200 marks each)	800 marks
Coursework & structural design project: see Part I Guide for details of coursework marks	100 marks
Total	900 marks

Part IB Engineering: *Almost all compulsory: options in paper 8.*

In Paper 8 students study business economics plus two other topics (or one topic + a language) this helps guide their choice when it comes to specialisation in the 3rd year.

Papers 1-7, (2 hour exams) students do 4 questions: worth 100 marks	700 marks
Paper 8, (2.5 hour exam) students do 5 questions: worth 125	125 marks
Coursework & integrated design project	135 marks
Total	960 marks

Part IIA Engineering: *Students choose an Engineering Area. They then choose 10 modules of which 6 must usually be from the Engineering Area chosen. See the [options document](#) for the detailed rules for each area.*

Ten modules assessed by 1.5 hour exams worth 60 marks each.	600 marks
Engineering Area Activity (coursework)	20 marks
Eight module-related coursework reports	40 marks
Two full technical reports	20 marks
Two Easter term projects (80 marks each)	160 marks
Total	840 marks

Part IIB Engineering: *Students again choose an Engineering Area. They then choose 8 modules of which 4 must usually be from the Engineering Area chosen. See the [guide](#) to IIB Engineering areas for the detailed rules for each area.*

Eight modules assessed by 1.5 hour hour exam, or exam + coursework, or coursework only: worth 60 marks each.	480 marks
Project: Michaelmas presentation	20 marks
Project: Technical milestone report	40 marks
Project: Progress and industry (Michaelmas)	20 marks
Project: Progress and industry (Lent & Easter)	40 marks
Project: Final report (incl. Technical Abstract)	200 marks
Project: Final presentation	40 marks
Total	840 marks

[Guide to Part I of the Engineering Tripos \(First and second year students\)](#)

- [Options for specialisation in the third and fourth years](#)
- [Information about the third year MIT exchange scheme](#)

[Guide to Part IIA of the Engineering Tripos \(Third year students\)](#)

- [Notes for staff on third year modules and labs](#)

[Guide to Part IIB of the Engineering Tripos \(Fourth year MEng students\)](#)

- [Notes for fourth year module leaders](#)
- [Calendar for fourth year module leaders](#)
- [Guide to Engineering Areas available in Part IIB Engineering](#)

[Courses Offered by the Engineering Department Language Unit](#)

Manufacturing Engineering Part IIA (taken by third year students):

All students specialise in Manufacturing Engineering.

Nine examination papers – worth 60 marks each	540 marks
CAD/CAM Exercise	50 marks
Production Game	50 marks
Major Project	140 marks
1 module assessed by Coursework	60 marks
Total	840 marks

Manufacturing Engineering Part IIB (taken by fourth year students for the MEng):

All students specialise in Manufacturing Engineering

Two written exams worth 100 marks each	200 marks
Continuous assessment on selected modules	100 marks
Manufacturing systems and Robot lab	45 marks
One two-week industrial assignment	35 marks
One four-week industrial assignment	70 marks
Individual long project	150 marks
Total	600 marks

[Manufacturing Engineering Tripos web site](#)