

NOTICE

Coursework and Examination Credit for Part IA of the Engineering Tripos

The Examiners for the Engineering Tripos Part IA to be taken in 2012 will take account of coursework done by candidates. The Faculty Board has determined that this shall consist of coursework with the requirements and marking scheme set out below.

All Part IA coursework is for standard credit, which means that once students achieve a satisfactory standard in the various groups of activities, as listed below, the associated marks are capped at the qualifying level. Candidates who fail to reach the qualifying marks will be penalized by the Examiners.

Work submitted for marking must be that of the student who submits it.

Term	Title	Total marks	Qualifying marks	Remarks
Michaelmas	Lego Mindstorms Project: 4 sessions, 2 or 0 marks each Assessment session	$4 \times 2 = 8$ 4	<u>10</u>	<i>Lego Mindstorms:</i> Sessions 1-4: 2 marks for prompt attendance and satisfactory work. Assessment marks on scale 0-4, 4 for very good work, 3 for satisfactory work, 2 for minimally acceptable work, 0-1 not normally awarded. <i>Computing:</i> marked in last session.
	Dimensional Analysis: 2 activities, 2 or 0 marks each	$2 \times 2 = 4$	<u>4</u>	
	Computing: 6 activities, 2 or 0 marks each	$6 \times 2 = 12$	<u>12</u>	
	Exposition: Exercises 1 and 2 Statics experiment and report	$2 \times 7 = 14$ $1 \times 12 = 12$	<u>18</u>	
Christmas Vacation	'Engineer in Society' report	16	<u>12</u>	Marks on scale 0-16, 12 for satisfactory work, less one mark per day report is late.
Michaelmas Lent and Easter	Mechanical Drawing: 16 activities, 2 or 0 marks each	$16 \times 2 = 32$	<u>32</u>	<i>SDP:</i> Marks on scale 0-42. 42 for exceptional work, 35 for satisfactory work, 28 for minimally acceptable work. Students failing to submit a report will lose 12 marks of standard credit. Students failing to attend the feedback session will lose 6 marks of standard credit. <i>IEP:</i> 9 sessions: Prompt attendance required until last section has been marked, and at final presentation session (1 mark will be lost for late attendance at a session). Report/presentation marks on scale 0-8: 7-8 for very good work, 5-6 for satisfactory work, 4 for minimally acceptable work, 0-3 not normally awarded. Students failing to submit a report will lose 8 marks of standard credit.
	Structural Design Project (SDP): Drawings Construction and Test Presentation and Report	12 12 18	<u>8</u> <u>8</u> <u>12</u>	
	Integrated Electrical Project (IEP): Michaelmas: introduction Lent: 3 sections Presentation and Report	$3 \times 2 = 6$ $3 \times 4 = 12$ 8	<u>4</u> <u>16</u>	
Lent and Easter	Mechanical Engineering: 4 short experiments 2 long experiments	$4 \times 2 = 8$ $2 \times 6 = 12$	<u>16</u>	<i>Short experiments/Microprocessors:</i> 2 marks for prompt attendance and satisfactory work, 0 otherwise. <i>Long experiments:</i> Marks on scale 0-6: 6 for very good work, 5 for satisfactory work, 4 for completion of experiment and minimally acceptable report, 1-3 not normally awarded. Less 1 mark for each week/part week report is late. No report
	Electrical & Info. Engineering: 4 short experiments	$4 \times 2 = 8$	<u>8</u>	
	Structures and Materials: 1 short experiment 2 long experiments	$1 \times 2 = 2$ $2 \times 6 = 12$	<u>10</u>	

	Microprocessor Course: 3 activities, 2 or 0 marks each	$3 \times 2 = 6$	<u>6</u>	= no marks. <i>Computing:</i> marked in last session.
	Computing: 2 sections	$2 \times 6 = 12$	<u>12</u>	
Easter Vacation	Product Design Project	16	<u>12</u>	Marks on scale 0-16, 12 for satisfactory work, less 1 mark per day exercise is late.
		Total	<u>200</u>	

In Part IA 200 qualifying marks in total are available for coursework. The four written papers are each marked out of 200, with 100 marks for coursework giving a total of 900 for the Part IA Tripos examination. Coursework marks are calculated by subtracting 100 from the standard credit total. Students must satisfactorily complete every activity in order to obtain the full qualifying mark. Most students receive the maximum 100 marks available for coursework.

Students are expected to undertake all the coursework as specified above. No allowance will be made for absence unless it is due to illness or other grave cause, and will be made then only if the reasons are presented in writing by the student's Tutor and are found to be acceptable by the Head of Department. Details of allowances approved by the Faculty Board can be found in the 'Allowances for Illness' document, under the relevant Tripos year, on the CUED undergraduate teaching web page.

A total of more than four weeks' allowance for coursework will not be given without the specific approval of the Head of Department.

*Secretary of the Faculty Board of Engineering
September 2011*