

**PART IA COURSEWORK ROTA - LENT TERM 2012**


**LABORATORY SIGNING**

Students should book times as directed, within 15 days of the experiment. Special arrangements will be made only if the laboratory booking sheet is entirely full, or if a student has no blank period within the 15-day interval.

**COMPUTER SURVEY**


PLEASE REMEMBER TO DO THE COMPUTER SURVEY!  
Use the links on the Web or DPO file directory, or log on in the DPO and type 'survey'.

D Drawing LT1 (morning and afternoon), then DPO  
C Computing LR4 (1<sup>st</sup> morning session), then DPO  
IE Integrated Electrical Project EIETL

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

**EXPERIMENT TITLES AND LOCATIONS (L=Long; S=Short)**

- |  |   |                             |
|--|---|-----------------------------|
| 1 Kinematics of plane mechanism        | L | DPO                         |
| 2 Gas engine                           | L | Inglis Thermodynamics Lab   |
| 3 Elastic beams                        | L | Inglis Structures Lab       |
| 4 Plasticity and fracture              | L | Inglis Materials Lab        |
| 7 Vibration modes                      | S | Baker S. Wing Mechanics Lab |
| 8 Energy and power                     | S | Baker S. Wing Mechanics Lab |
| 9 Turbocharger                         | S | Inglis Thermodynamics Lab   |
| 10 Inviscid fluid flow                 | S | Inglis Hydraulics Lab       |
| 11 Non-destructive testing             | S | Inglis Materials Lab        |
| 12 Iron-cored transformer              | S | EIETL                       |
| 13 AC Power                            | S | EIETL                       |
| 14 Combinational logic                 | S | EIETL                       |
| 15 Sequential logic, memory & counting | S | EIETL                       |

S Structural Design LR3A  
T Structural Design Test Structures Lab (Inglis Building)  
 Structural Design Workshop, 2-5 pm  
(5 afternoons: Thursday, Friday, Monday, Tuesday, Wednesday)

Week:	JANUARY				FEBRUARY				MARCH																									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																		
	Th 19	F 20	M 23	Tu 24	Th 26	F 27	M 30	Tu 31	Th 2	F 3	M 6	Tu 7	Th 9	F 10	M 13	Tu 14	Th 16	F 17	M 20	Tu 21	Th 23	F 24	M 27	Tu 28	Th 1	F 2	M 5	Tu 6	Th 8	F 9	M 12	Tu 13		
1-3	D	9				13	C	D	4			C	8	3	11		D	IE	IE	IE	IE	10		1	D	2	14			15	12			
4-6	D	9				13	C	D	4			C	8	3	11		D	IE	IE	IE	IE	10		1	D	2	14			15	12			
7-9	D					4	C	D		8		C	11	3		10		D	IE	IE	IE	IE	2	12	9	D		13	15			1		
10-12	D					4	C	D		8		C	11	3		10		D	IE	IE	IE	IE	2	12	9	D		13	15			1		
13-15	D				8		C	D	12		C	10	3	4				D	IE	IE	IE	IE	9	11	2	D		15		13	1			
16-18	D		T		8		C	D	12		C	10	4	4	3			D	IE	IE	IE	IE	9	11	2	D		15		13	1			
19-21	D		T			8	C	D		12		C	4	10	3			D	IE	IE	IE	IE	11	2		D	15		13	1	9			
22-24	D		T			8	C	D		12		C	4	10	3			D	IE	IE	IE	IE	11	2		D	15		13	1	9			
25-27	D		T				C	D	15	10	C	4	8	3				D	IE	IE	IE	IE	12	1		D	11	2		9	13			
28-30	D		T				C	D	15	10	C	4	8	3				D	IE	IE	IE	IE	12	1		D	11	2		9	13			
31-33	D	4				8	10	14			T	15	IE	IE	IE			D				9	C	1	3	C	D	12		11	2	13		
34-36	D	4				8	10	14			T	15	IE	IE	IE			D				9	C	1	3	C	D	12		11	2	13		
37-39	D		14	10		4	15			8	T		IE	IE	IE			D				1	C	9	3	C	D		11	2	12	13		
40-42	D		14	10		4	15			8	T		IE	IE	IE			D				1	C	9	3	C	D		11	2	12	13		
43-45	D			14		15	8			13	T	4	IE	IE	IE			D				11		C	3	C	D	9	12	1	10	2		
46-48			14			15	T	8		13	4		D		C			3	11	C		D	IE	IE	IE		9	12	1	D	10	2		
49-51							T	10	2	4	13		D		C	8		3		C	12	D	IE	IE	IE		14	1	9	D	15	11		
52-54							T	10	2	4	13		D		C	8		3		C	12	D	IE	IE	IE		14	1	9	D	15	11		
55-57	14					4	T		8	2	13		D	11	C			3	10	C		D	IE	IE	IE		1	9	12	D	15			
58-60	14					4	T		8	2	13		D	11	C			3	10	C		D	IE	IE	IE		1	9	12	D	15			
61-63		14				2		13	IE	IE	IE		D	8	C	4		11	3	C		D	15	9	10	1				D				
64-66		14				2		13	IE	IE	IE		D	8	C	4		11	3	C		D	15	9	10	1				D				
67-69	2	13				4			IE	IE	IE		D		C	11		3		C	15	D	1			9		10	D	14	8			
70-72	2	13				4			IE	IE	IE		D		C	11		3		C	15	D	1			9		10	D	14	8			
73-75			4	8		2			IE	IE	IE		D	15	C			9	3	C	1	D		10	7	11	13		14					
76-78	T		4	8		2					3		D	15	C			9		C	1	D		10	7	11	13		14					
79-81	T		4			14	2		13	3	8		D		C	15		1		C	9	D		11		7	10			D	IE	IE	IE	
82-84	T		4			14	2		13	3	8		D		C	15		1		C	9	D		11		7	10			D	IE	IE	IE	
85-87	T	8	2			14	15	4	3				D	10	C			1	9	C	11	D				13		7		D	IE	IE	IE	
88-90	T	8	2			14	15	4	3				D	10	C			1	9	C	11	D				13		7		D	IE	IE	IE	
91-93	4	10	S	2		D	S	C	9	1	S	C		D	S			12	15	8	3	D	T			IE	IE	IE		D	7	14		
94-96	4	10	S	2		D	S	C	9	1	S	C		D	S			12	15	8	3	D	T			IE	IE	IE		D	7	14		
97-99		2	S			10	D	S	C	1	9	S	C		D	S			12	8	7	3	D	T			IE	IE	IE		D	4	15	
100-102		2	S			10	D	S	C	1	9	S	C		D	S			12	8	7	3	D	T			IE	IE	IE		D	4	15	
103-105	10	1	S	9		2	D	S	C		S	C			D	S	12			4	3	D	T			8	IE	IE	IE		D	7		
106-108	10	1		9		2	D			IE	IE	IE		S	D	3	12		S	S	4	C	S	D		C	8			D	T	7		
109-111	9		10			D		1		IE	IE	IE		S	D	3			S	S	12	C	S	D	7	C	8		4	D	T			
112-114	9		10			D		1		IE	IE	IE		S	D	3			S	S	12	C	S	D	7	C	8		4	D	T			
115-117		12				D		9		IE	IE	IE		S	D	3	1		S	S	8	C	S	D	C	C	15	7		10	D	T	4	
118-120		12				D		9		IE	IE	IE		S	D	3	1		S	S	8	C	S	D	C	C	15	7		10	D	T	4	
121-123	S		S			14	D	12			10	1	9		D	T			8	7	3	C		D	4	C		IE	IE	IE		D		
124-126	S		S			14	D	12			10	1	9		D	T			8	7	3	C		D	4	C		IE	IE	IE		D		
127-129	S		S			D				12	9	1		D	T	7			4	3	C		8	D	14	C		IE	IE	IE		D	10	
130-132	S		S			D				12	9	1		D	T	7			4	3	C		8	D	14	C		IE	IE	IE		D	10	
133-135	S		S			D				12				1	D	T	9		7		3	C	4	D		C		IE	IE	IE		D	14	10
136-138	S	D	8			S	S	C	12		S	D	C	3		1	7	9	7	D	T		4	14		IE	IE	IE		D	8	10		
139-141	S	D	8			S	S	C	12		S	D	C	3		9	1	7	7	D	T		4	14		IE	IE	IE		D	8	10		
142-144	S	D	9			S	S	C	12		S	D	C	3		12	1	14	10	D	T		10		IE	IE	IE		D	4	8		7	2
145-147	S	D	9			S	S	C	12		S	D	C	3		12	1	14	10	D	T		10		IE	IE	IE		D	4	8		7	2
148-150	S	D	9			S	S	C	12		S	D	C	3		12	1	14	10	D	T		10		IE	IE	IE		D	4	8		7	2
151-153	D		13			12	1	C	S		D	C	S	3	9		S		15	D	10	S		7	8	4	D	T		14	IE	IE	IE	
154-156	D		13			12	1	C	S		D	C	S	3	9		S		15	D	10	S		7	8	4	D	T		14	IE	IE	IE	
157-159	D		13			1	12	C	S		D	C	S	3	9		S		10	D	7	S		8	15	14	D	T		4	IE	IE	IE	
160-162	D		13			1	12	C	S		D	C	S	3	9		S		10	D	7	S		8	15	14	D	T		4	IE	IE	IE	
163-165	13	D	12	1		9	C	S		10	D	C	S	3		S		14	D		S		4		8		D	T	7	11	IE	IE	IE	
166-168	13	D	12	1		9	C			10	D	C		IE	IE	IE			14	D	S	3		4	S	8	S	D	S	7				
169-171		D	1			13	10	C	9		D	C	12	IE	IE	IE				D	S	3		7	14	S	4	S	D	S				
172-174		D	1			13	10	C	9		D	C	12																					