Michaelmas Term Timetable 2015

SMcL 23.10.15

Courses begin on Thursday 8 October and end on Wednesday 2 December. Paper numbers are shown in bold text, weeks in square brackets if not 1-8 and room numbers in italics. Lecturers are in alphabetical order.

			9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6
1. 12 Oct 2. 19 Oct 3. 26 Oct 4. 2 Nov 5. 9 Nov 6. 16 Nov 7. 23 Nov 8. 30 Nov	**Monday**	IA	**LAB/COMPUTING** (see rota) **Lego Mindstorms:** [1], *DPO* **Computing briefing:** [2-7] LOVE ET AL, *4*		**P4:** Mathematics [1-4] WOODLAND, *0* [5-8] VINNICOMBE, *0* [1-4] LONGLEY, *2* [5-8] WELLS, *2*	**P1:** Mechanics SYMONS, *0*		**LAB/COMPUTING** (see rota) **Lego Mindstorms:** [1] *DPO* **Computing briefing:** [2-7] LOVE ET AL, *4*			
		IB	**P3:** Materials KABLA/MCSHANE/SUTCLIFFE, *0*	**P5:** Linear Circuits [1-5] MCMAHON/WILKINSON, *0* **P7:** Vector calculus [6-8] DAVIDSON, *0*	**LAB/IDP/COMPUTING** (see rota) **Computing briefing**: [1,5] BYRNE, *5*						
		IIA	**3B3:** Switch-mode electronics McMAHON/PALMER/UDREA, *1* **3D3:** Structural materials & design ELSHAFIE/OVEREND, *2*	**3A3:** Fluid mechanics II CANT/JARRETT, *2* **3D1:** Geotechnical engineering I BISCONTIN/ HAIGH, *1*	**4C4:** Design methods CULLEN/ KRISTENSSON, *4* **3G5:** Biomaterials BIRCH/DALY/MARKAKI, *10* **3D5:** Water Engineering LIANG/MCROBIE, *11*	**3B1:** Radio frequency electronics P. ROBERTSON, *4* **3C8:** Machine design D. COLE/SUTCLIFFE, *1* **3D8:** Building physics FITZGERALD/MADABHUSH,*2*	**Essay writing skills for Engineering** [2] JONES, *1*	**3A5:** Thermodynamics & power generation PULLAN/J.B YOUNG, *2* **3G1**: Intro to molecular bioengineering AJIOKA/BOSCHETTI, *5*	**3C5:** Dynamics [2] HUNT/LANGLEY, *3*		
		IIB	**4A2:** Computational fluid dynamics TUCKER, *3* **4D14:** Contaminated land & waste containment AL-TABBAA/MADABHUSHI, *11*	**4B14:** Solar-electronic power, AMARATUNGA/JOYCE, *5* **4C6:** Advanced linear vibrations HUNT/WOODHOUSE, *11*	**4B19:** Renewable electrical power AINSLIE/ MCMAHON, *3* **4C4:** Design methods CULLEN/KRISTENSSON, *4* **4F12:** Computer vision & robotics CIPOLLA/TURNER,*1*	**4B2:** Power microelectronics UDREA, *10* **4C7:** Random & non-linear vibrations LANGLEY, *11* **4F7:** Digital filters & spectrum estimation [1-4] BUCHNER [5-8] GODSILL,*5*	**Essay writing skills for Engineering** [2] JONES, *1* **4G5:** Molecular modelling [5-8] *Wolfson LT Dept. Chemistry*	**4A3:** Turbomachinery I ATKINS/XU, *3* **4C9:** Continuum mechanics FLECK/MCSHANE, *11* **4F5:** Advanced Communications & Coding SAYIR/ VENKATARAMANAN, *10*	**4E6:** Accounting & finance [1-4,6-7] BOTSARI/O. COLE, *2*		
		MET IIA			**3P10:** Contemporary issues in manufacturing [1,3] BARLOW, *IfM* **3P5:** Industrial engineering [6-8]ERHUN/PLATTS, *IfM*			**3P6:** Organisational behaviour WIEDNER, *IfM*		**3P10:** Contemporary issues in manufacturing [5-8] DALY, *IfM*	
1. 13 Oct 2. 20 Oct 3. 27 Oct 4. 3 Nov 5. 10 Nov 6. 17 Nov 7. 24 Nov 8. 1 Dec	**Tuesday**	IA	**P1:** Mechanics SYMONS, *0*	**Engineer in society:** MINSHALL, *0*	**LAB/COMPUTING** (see rota) **Lego Mindstorms:** [1] *DPO* **Computing briefing:** [2-7] LOVE ET AL, *4*			**LAB/COMPUTING** (see rota) **Lego Mindstorms:** [1] *DPO* **Computing briefing:** [2-7] LOVE ET AL, *4*			
		IB	**LAB/IDP/COMPUTING** (see rota) **Computing briefing:** [1,5] BYRNE,*5*		**P6:** Linear systems [1-4,7,8] SEPULCHRE, *0* **P2:** Structures [5,6] SEFFEN,*0*	**P7:** Vector calculus [1-8] DAVIDSON, *0*					
		IIA	**3C7:** Mechanics of solids CIRAK/DESHPANDE, *2* **3F5:** Computer & network systems GEE/WILKINSON, *3*	**3A3:** Fluid mechanics II CANT/JARRETT, *2* **3D1:** Geotechnical engineering I BISCONTIN/HAIGH, *4*	**3B1:** Radio frequency electronics P. ROBERTSON, *1* **3C8:** Machine design D. COLE/SUTCLIFFE, *11* **3D8:** Building physics [1-5] MADABHUSHI [6-8] FITZGERALD , *2*	**3A1:** Fluid mechanics I, GRAHAM/LI, *2*		**3E2:** Marketing MAK,*11* **3E5:** Human Resource Management RICHTER, *5*		**3B5:** Semiconductor engineering JOYCE/HOFMANN, [7] *1*	
		IIB	**4A7:** Aerodynamics DAWES/JARRETT, *4* **4B21:** Analogue integrated circuits NATHAN, *3B* **4D17:** Plate & shell structures SEFFEN, *11*	**4A4:** Aircraft stability & control [5-8] GRAHAM, *3B* **4B5:** Nanotechnology DURKAN, *5* **4G6:** Cellular & molecular biomechanics DESHPANDE/ FLECK, *10*	**4C3:** Electrical & nano materials [1-5] DURRELL/HOFMANN, *5* **4F1:** Control system design M.C. SMITH, *3B*	**4B11:** Photonic systems WILKINSON, *5* **4A15:** Aeroacoustics AGARWAL/DOWLING/ PEAKE,*4* **4F10:** Statistical pattern processing GALES, *1*		**4M14:** Sustainable development BARLOW et al, *1* **4I10:** Nuclear reactor engineering ROULSTONE/SHWAGERAUS, [1] *4,* [2-8]*12*		**4E4:** Management of technology KERR/MINSHALL/ PHAAL/TIETZE, *2*	
		MET IIA	**3P10 (VISITS, DEBRIEFS, SKILLS WORKSHOPS)**								
1. 14 Oct 2. 21 Oct 3. 28 Oct 4. 4 Nov 5. 11 Nov 6. 18 Nov 7. 25 Nov 8. 2 Dec	**Wednesday**	IA	**P4:** Computing lecture [1] CSANYI, *0* **P3:** Physical principles of electronics [2-3] WILKINSON, *0* Analysis of Circuits [4-8] DURKAN *0*	**P4:** Dimensional analysis [2] PARKS, *0* **P3:** Physical principles of electronics [1] WILKINSON, *0* **P2:** Structures [3-8] DEJONG, *0*	**EXAMPLES** (see rota)	**P4:** Mathematics [1-4] LONGLEY, *2* [5-8] WELLS, *2*	**Health & safety lecture** [1] SLACK, *0* 1-1.30pm	**Lego Mindstorms** [2] *0* **IEP Intro lecture** [5] FLACK, *0*			
		IB	**LAB/IDP** (see rota)		**P2: Structures** [1-7] SEFFEN, *0*	**P4:** Thermofluid mechanics [1-5] GARCIA-MAYORAL, *0* [6-8] SCOTT, *0*		**Mars Lander feedback** [1] CSANYI/GEE, *0*			
		IIA	**3C1:** Materials processing & design BARLOW/MCSHANE /SHERCLIFF, [1-5,7-8] *4* [6] *1* **3F1:** Signals & systems BYRNE/MACIEJOWSKI/ SAYIR, *2*	**3B5:** Semiconductor engineering JOYCE/HOFMANN, [1-4, 6-7] *1*, [5] *4* **3C5:** Dynamics HUNT/LANGLEY, *2*	**LAB**			**LAB**		**3E3:** Modelling risk examples class [3,5,8] ZANJIRANI-FARAHANI, *1* Followed by Q&A session 6-7pm, *1*	

			9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6
		IIB	**4B14:** Solar-electronic power, AMARATUNGA/JOYCE, *5* **4C6:** Advanced linear vibrations HUNT/WOODHOUSE, *11*	**4M17:** Practical optimization CSANYI/PARKS, *3*	**4A3:** Turbomachinery I ATKINS/XU, *3* **4C9:** Continuum mechanics FLECK/ MCSHANE , *11* **4F5:** Advanced Communications & Coding SAYIR/VENKATARAMANAN, *10*	**4C2:** Designing with composites MARKAKI/SUTCLIFFE, *3B* **4D10:** Structural steelwork McROBIE, *3* **4M18:** Present & future energy systems ALLWOOD/KELLY/LESTAS/ PALMER/SCOTT, [1-5, 7-8] *4* [6] *1*	**4G5:** Molecular modelling [5-8] *Wolfson LT Dept Chemistry*	**4B2:** Power microelectronics UDREA, *10* **4C7:** Random & non-linear vibrations LANGLEY, *11* **4F7:** Digital filters & spectrum estimation [1-4]BUCHNER/ [5-8] GODSILL, *5*	**4E3:** Information systems PACHIDI, *2* **4E6:** Accounting & finance [5,8] BOTSARI/O. COLE, *4*		
		MET IIA	**3P1:** Materials into products BARLOW/MCSHANE /SHERCLIFF, [1-5,7-8] *4* [6] *1*		**3P8:** Financial & management accounting VELU, *IfM*						
1. 8 Oct 2. 15 Oct 3. 22 Oct 4. 29 Oct 5. 5 Nov 6. 12 Nov 7. 19 Nov 8. 26 Nov	**Thursday**	IA	**P3:** Physical principles of electronics [1-3] WILKINSON, *0* Analysis of Circuits [4-8] DURKAN, *0*	**Dimensional analysis** [1-3] PARKS, *0* **Engineering applications** [4-8] LONG ET AL., *0*	**LAB/DRAWING** (see rota) **Lego Mindstorms** [1] *DPO;* [2] *1,5,11* **Drawing lecture:** [3-8] *1*			**LAB/DRAWING** (see rota) **Lego Mindstorms** [1] *DPO;* [2] 1,*5,11* **Drawing lecture:** [3-8] *1*			
		IB	**LAB/IDP** (see rota) **IDP lecture** [1,5] *1*	**Integrated coursework intro lecture** [1] MADABHUSHI, *1* [5] TALBOT, *1*	**P7:** Vector calculus [1-3] DAVIDSON, *0* **Sustainable engineering:** [4-8] BARLOW ET AL, *0*	**P3:** Materials KABLA/MCSHANE/ SUTCLIFFE, *0*	**IDP project management lecture** (see rota) RIDGMAN, [5] *12*	**IDP project management lecture** (see rota) RIDGMAN, [1] *4*			
		IIA	**3B3:** Switch-mode electronics McMAHON/PALMER/UDREA, *11* **3D3:** Structural materials & design ELSHAFIE/OVEREND, *2*	**4C4:** Design methods CULLEN/KRISTENSSON, *4* **3G5:** Biomaterials BIRCH/DALY/MARKAKI, *5* **3D5:** Water Engineering LIANG/MCROBIE, *11*	**3A1:** Fluid mechanics I, GRAHAM/LI, *2*	**3C7:** Mechanics of solids CIRAK/DESHPANDE, *2* **3F5:** Computer & network systems GEE/WILKINSON, *3*		**3A5:** Thermodynamics & power generation PULLAN/J.B YOUNG, *2*	**3G1**: Intro to molecular bioengineering AJIOKA/ BOSCHETTI, [1] *5*, [2-8]*12*		
		IIB	**4A2:** Computational fluid dynamics TUCKER, *4* **4D14:** Contaminated land & waste containment [1-5] MADABHUSHI [6-8] AL-TABBAA, *3B*	**4B19:** Renewable electrical power McMAHON/AINSLIE, *3* **4C4:** Design methods CULLEN/KRISTENSSON, *4* **4F12:** Computer vision & robotics CIPOLLA/TURNER, 2	**4M17:** Practical Optimization CSANYI/PARKS, *3*	**4A7:** Aerodynamics DAWES/JARRETT, [1] *5* [2-8]*12* **4B21:** Analogue integrated circuits NATHAN, *3B* **4D17:** Plate & shell structures SEFFEN, *10*	**4C3:** Electrical & nano materials [6-8] J.ROBERTSON *5*	**4D13:** Architectural engineering MCROBIE/OVEREND/SHORT, *3 & 3A* **4M20:** Robotics CIPOLLA/IIDA , [1] 10 [3-5,7-8*] 0* *[2,*6] *3B*		**4G5:** Molecular modelling practical [6-8] CSANYI, *5 then DPO* N.B. 4.15-6.30pm	
		MET IIA	**3P3:** Product design DE VOLDER/MOULTRIE, *IfM*					CAD/CAM			
1. 9 Oct 2. 16 Oct 3. 23 Oct 4. 30 Oct 5. 6 Nov 6. 13 Nov 7. 20 Nov 8. 27 Nov	**Friday**	IA	**LAB/DRAWING** (see rota) **Lego Mindstorms:** [1] *DPO*; [2] *1,5,11* **Drawing lecture:** [3-8] *1*		**P2:** Structures [1-6] DEJONG, *0* **P3:** Analysis of Circuits [7,8] DURKAN, *0*	**P4:** Mathematics [1-4] LONGLEY, *2* [5-8] WELLS, *2* [1-4] WOODLAND,*1* [5-8] VINNICOMBE, *1*		**LAB/DRAWING** (see rota) **Lego Mindstorms:** [1] *DPO*; [2] *1,5,11* **Drawing lecture:** [3-8] *1*			
		IB	**P6:** Linear systems [1-8] SEPULCHRE, *0*	**P4:** Thermofluid mechanics [1-5] GARCIA-MAYORAL, *0* [6-8] SCOTT, *0*	**EXAMPLES** (see rota)	**P5:** Linear Circuits [2-6] P.ROBERTSON/WILKINSON, *0* **P2:** Structures [1,7,8] SEFFEN, *0*					
		IIA	**3C1:** Materials processing & design BARLOW/ MCSHANE / SHERCLIFF, *4* **3F1:** Signals & systems BYRNE/MACIEJOWSKI/ SAYIR, *2*	**3B5:** Semiconductor engineering JOYCE/HOFMANN, 1 **3C5:** Dynamics [2-8] HUNT/LANGLEY, *2*	**LAB**			**LAB**		**3E3:** Modelling risk JIANG, *2*	
		IIB	**4A4:** Aircraft stability & control [1,5-8] GRAHAM, *3B* **4B5:** Nanotechnology DURKAN, 3 **4G6:** Cellular & molecular biomechanics DESHPANDE/FLECK, *10*	**4B11:** Photonic systems WILKINSON, *10* **4A15:** Aeroacoustics AGARWAL/DOWLING/PEAKE, *3* **4F10:** Statistical pattern processing GALES, *4*	**4C3:** Electrical & nano materials DURRELL/HOFMANN/ J. ROBERTSON, *5* **4F1:** Control system design M.C SMITH, [1-6,8] *4* [7] *10*	**4C2:** Designing with composites MARKAKI/SUTCLIFFE, *3B* **4D10:** Structural steelwork McROBIE, [1-5, 8] *3* [6-7] *12* **4M18:** Present & future energy systems ALLWOOD/KELLY/ LESTAS/ PALMER/SCOTT, [1-5, 8] *4* *[6-7] 3*	**4G5:** Molecular modelling [5-8] *Wolfson LT Dept. Chemistry*	**4F13:**Machine Learning GHAHRAMANI, [1-6] *2* [7-8] *0* **4M19:** Advanced building physics G HUNT/MASTORAKOS/OVEREND, *10*		
		MET IIA	**3P1:** Materials into products BARLOW/MCSHANE/ SHERCLIFF, *4*		**3P2:** Production machines & systems THORNE/O'NEILL, *IfM*						

Lab Coordinator Part IA: Dr S. A. Scott
Lab Coordinator Part IB: Prof M. Smith
Lab Coordinator Part IIA: Dr D. Liang

Part IIA projects: Dr H. Shercliff
Part IIB projects: Dr A. Gee