Michaelmas Term Timetable 2025

Courses begin on Thursday 9 October and end on Wednesday 3 December. Paper numbers/Lecture titles are shown in bold text, weeks in square brackets, if not 1-8, and room numbers in italics.

Part IA and IB lectures in the Constance Tipper Lecture Theatre will start promptly at 9am and 10am. Lecturers will start lecturing at precisely 9am in order to fit in the full 50 minutes of teaching that they need to deliver:
First lecture 09.00-09.50 (non-standard); Second lecture 10.00-10.50 (non-standard); Third lecture 11.05-11.55; Fourth lecture 12.05-12.55

			9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6
1. 9 Oct 2. 16 Oct 3. 23 Oct 4. 30 Oct 5. 6 Nov 6. 13 Nov 7. 20 Nov 8. 27 Nov	**Thursday**	IA	**P3: Physical principles of electronics** [1-3] WILKINSON, *Constance Tipper* **P3: Analysis of Circuits** [4-8] WILKINSON, *Constance Tipper*	**P4: Computing** [1] MANCINI, *Constance Tipper* **PX: Dimensional analysis** [2-5] MANDRE, *Constance Tipper* **PX: Engineering applications** [6-8] LONG ET AL, *Constance Tipper*	**LABS** (see rota)			**LABS** (see rota) End time can vary, please see rota			
		IB	**LABS** (see rota) **CW: IDP lecture:** [1] Groups 43-84, *1* [5] Groups 1-42, *1* SAPIENZA	**CW: Integrated coursework Intro Lecture** [1] Groups 127 -168, *1* [5] Groups 85-126, *1* LIANG/TBC	**P7: Vector calculus** [1-3] PULLAN, *Constance Tipper* **CX: Sustainable engineering:** [4-8] BORGOMEO/MACASKILL/ SERRENHO ET AL, *Constance Tipper*	**P3: Materials** MCSHANE/SUTCLIFFE, *Constance Tipper*		**CW: IDP: Project Management lecture** [1, 5] URMETZER, *1*			
		IIA	**IIAM10** **3D5:Hydraulics** BORGOMEO/LIANG/MADABHUSHI, *6*	**IIAM2** **3B3: Switch-Mode Electronics** GOETZ/LONG, *6* **3D3: Structural Materials and Design** BECQUE/FOSTER/LAWRENCE, *5*	**IIAM7** **3A5:Thermodynamics & Power Generation** WHEELER/WHITE, *2* **3G1: Molecular Bioengineering I** MICKLEM/MOLLOY/O'LEARY, *11* **4C4:Design Methods** KRISTENSSON/CULLEN, *4*	**IIAM8** **3A1: Fluid Mechanics I** JUNIPER/LI, *2* **3B5: Semiconductor Engineering** AGRAWAL/FERRARI, *3* **3G5: Biomaterials** DALY/HUANG/MARKAKI, *12*		**IIAM6** **3C6:Vibration,** BUTLIN/CEBON, *2*	**IIAM9** 3E6 Examples Class ROOK [4] *online*		
		IIB/ GRAD	**IIBM9** **4E6: Accounting and Finance** WARDROP [5, 7], *4*		**IIBM2** **4A12: Turbulence and Vortex Dynamics** LI/MASTORAKOS [1, 3-8], *12* **4B19: Renewable Electrical Power** GOETZ/JOYCE, *6* **4C4:Design Methods** KRISTENSSON/CULLEN, *4* **4F12:Computer Vision** CIPOLLA/JOHNSON, *1*	**IIBM4** **4A3:Turbomachinery I** MILLER/TAYLOR, *1* **4C6:Advanced Linear Vibrations** BUTLIN, *5* **4D7:Concrete and Pre-Stressed Concrete** DESNERCK/ORR, *11* **4G7: Computation and Control in Living Systems** FORNI/O'LEARY, *6*	**Finding what you need for your fourth year project** [2] ETTERIDGE, *1*	**IIBM12** **4D13: Architectural engineering** CHOUDHARY/KORONAKI, [1-3, 5, 7-8] *4* [4] *3* **4D13: Architectural engineering (presentations)** [6] CHOUDHARY/KORONAKI, *JDB Seminar Room*	**IIBM12** **4M20: Introduction to Robotics** FORNI, [1-3, 5-8] *3*, [4] *2*		
1. 10 Oct 2. 17 Oct 3. 24 Oct 4. 31 Oct 5. 7 Nov 6. 14 Nov 7. 21 Nov 8. 28 Nov	**Friday**	IA	**LABS** (see rota)		**Drawing:CAD,** [1] ROEBUCK, *Constance Tipper* **P2: Structures** [2-7] ALLWOOD, *Constance Tipper*	**P4: Mathematical Methods** SAVORY [1-4] LASENBY [5-8], *Constance Tipper*		**LABS** (see rota) End time can vary, please see rota			
		IB	**P6: Linear systems and control** LESTAS, *Constance Tipper*	**P4: Thermofluid mechanics** GARCIA MAYORAL/MILLER, *Constance Tipper*	**LABS** (see rota)		**Industrial Experience lecture** [1] GODDARD, *Constance Tipper*	**P5: Analysis of Circuits** WILKINSON [1-2] DURKAN [3-4], *Constance Tipper*			
		IIA	**IIAM5** **3C1:Materials Processing & Design** BARLOW/SEITA, *6* **3F7:Information Theory & Coding** VENKATARAMANAN, *2*	**IIAM4** **3C7: Mechanics of Solids** DESHPANDE/VIGGIANI, *6* **3F1: Signals & Systems** SAYIR/VINNICOMBE, *2*	**LABS** (see rota)			**LABS** (see rota)			
		IIB/ GRAD	**IIBM11** **4B5: Quantum and Nano-Technologies** SAPIENZA, *5* **4M22:Climate Change Mitigation** ALLWOOD, *1*	**IIBM3** **4C2:Designing with Composites** SUTCLIFFE/MARKAKI, *5* **4D10:Structural Steelwork** BECQUE, *11* **4F7: Statistical Signal and Network Models,** CANTWELL/GODSILL, *1* **4G2: Bioelectronics** MALLIARAS, *3*	**IIBM6** **4A4: Aircraft Stability and Control** LEFAS/VERA-MORALES [1, 3-6], *4* **4F10:Deep Learning and Structured Data,** FITZGIBBON/GALES, *1* **IIBM6** **4A4: Aircraft Stability and Control** LEFAS/VERA-MORALES, [8] *4*	**IIBM5** **4B11: Photonic Systems** WILKINSON [1-7], *4* **4F1: Control System Design** SMITH/VINNICOMBE [1-7]. *1*		**IIBM9** **4E4: Management of Technology,** MORTARA/TBC, *6* **4E6: Accounting and Finance** MISCHENKO [2-5] WARDROP [6], *4*		**IIBM1** **4M19 Advanced Building Physics** CHOUDHARY/FITZGERALD/G. HUNT, *4*	
1. 13 Oct 2. 20 Oct 3. 27 Oct 4. 3 Nov 5. 10 Nov 6. 17 Nov 7. 24 Nov 8. 1 Dec	**Monday**	IA	**LABS** (see rota)		**P1: Mechanics** BIGGINS/BUTLIN, *Constance Tipper*	**P4: Mathematical Mathods** SAVORY [1-4] LASENBY [5-8], *Constance Tipper*		**LABS** (see rota) End time can vary, please see rota			
		IB	**P3: Materials** MCSHANE/SUTCLIFFE, *Constance Tipper*	**P5: Analysis of Circuits** WILKINSON [1-2] DURKAN [3-4], *Constance Tipper* **P7: Vector calculus** [6-8] PULLAN, *Constance Tipper*	**LABS** (see rota)						
		IIA	**IIAM3** **3B1: Radio Frequency Electronics** JOYCE/TAVAKKOLNIA, *2* **3C8: Machine Design** NA/ROEBUCK/SUTCLIFFE, *5* **3D9: Construction Management** BRILAKIS, *12*	**IIAM2** **3B3: Switch-Mode Electronics** GOETZ/LONG, *6* **3D3: Structural Materials and Design** BECQUE/FOSTER/LAWRENCE, *5*	**IIAM7** **3A5:Thermodynamics & Power Generation** WHEELER/WHITE, *2* **3G1: Molecular Bioengineering I** MICKLEM/MOLLOY/O'LEARY, *11* **4C4:Design Methods** KRISTENSSON/CULLEN, *4*	**IIAM6** **3C6:Vibration** BUTLIN/CEBON, *2*		**IIAM9** **3E2: Marketing** MERLO, *6* **3E6: Organisational Behaviour** ROOK, *4* **3E11: Environmental SustainabilitY and Business** REISCH, *1*			
		IIB/ GRAD	**IIBM1** **4A2:Computational Fluid Dynamics** TAYLOR, *3* **4F13:Probabilistic Machine Learning** CANTWELL/GE/TEWARI, *1*	**IIBM12** **4M20 Introduction to Robotics** FORNI, *3*	**IIBM2** **4A12: Turbulence and Vortex Dynamics** LI/MASTORAKOS, *12* **4B19: Renewable Electrical Power** GOETZ/JOYCE, *6* **4C4:Design Methods** KRISTENSSON/CULLEN, *4* **4F12:Computer Vision** CIPOLLA/JOHNSON, *1*	**IIBM7** **4A9: Molecular Thermodynamics** ONN/WHITE, *11* **4B28:Very Large Scale Integration** TANG, *5*		**IIBM9** **4E1: Innovation & Strategic Management of IP** TIETZE, *6* **4E6: Accounting and Finance** WARDROP [6], *Constance Tipper*		**IIBM2** **4A12: Turbulence and Vortex Dynamics** MASTORAKOS [2], *12*	

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			9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6
1. 14 Oct **2. 21 Oct** **3. 28 Oct** **4. 4 Nov** **5. 11 Nov** **6. 18 Nov** **7. 25 Nov** **8. 2 Dec**	Tuesday	IA	**PX: Engineer in society** MINSHALL ET AL, *Constance Tipper*	**P1: Mechanics** BIGGINS/BUTLIN, *Constance Tipper*	**LABS** (see rota)			**LABS** (see rota) End time can vary, please see rota			
		IB	**LABS** (see rota)		**P6: Linear systems and control** [1-2] LESTAS, *Constance Tipper* **P2: Structures** [3-8] GUEST, *Constance Tipper*	**P7: Vector calculus** PULLAN, *Constance Tipper*		**P6: Linear systems and control** [7-8] LESTAS, *Constance Tipper*			
		IIA	IIAM10 **3D5: Hydraulics** BORGOMEO/LIANG/MADABHUSHI, *6*	IIAM4 **3C7: Mechanics of Solids** DESHPANDE/VIGGIANI, *6* **3F1: Signals & Systems** SAYIR/VINNICOMBE, *2*	IIAM8 **3A1: Fluid Mechanics I** JUNIPER/LI, *2* **3B5: Semiconductor Engineering** AGRAWAL/FERRARI, *3* **3G5: Biomaterials** DALY/HUANG/MARKAKI, *12*	IIAM1 **3A3: Fluid Mechanics II** HALL/JARRETT, *3* **3D1: Geotechnical Engineering I** MADABHUSHI/STANIER, *6* **3F3: Statistical Signal Processing** CANTWELL/GODSILL, *2*		IIAM3 **3B1: Radio Frequency Electronics** JOYCE/TAVAKKOLNIA, *2* **3C8: Machine Design** NA/ROEBUCK/SUTCLIFFE, *5* **3D9: Construction Management** BRILAKIS, *12*	IIAM9 **3E6** Examples Class ROOK [6] *online*		
		IIB/GRAD	IIBM1 **4A2:Computational Fluid Dynamics** TAYLOR, *3* **4F13:Probabilistic Machine Learning** CANTWELL/GE/TEWARI, *1*	IIBM3 **4C2: Designing with Composites** SUTCLIFFE/MARKAKI, *5* **4D10:Structural Steelwork** BECQUE, *11* **4F7: Statistical Signal and Network Models**, CANTWELL/GODSILL, *1* **4G2: Bioelectronics** MALLIARAS, *3*	IIBM8 **4A7:Aircraft Aerodynamics and Design** BARRETT/JARRETT, *6* **4C3:Advanced Functional Materials and Devices** ALEXANDER-WEBBER/DURRELL, *4* **4D5: Deep Foundations and Underground Construction** HAIGH/VIGGIANI, *5* **4M24: Computational Statistics and Machine Learning** GIROLAMI, *1*	IIBM6 **4A4: Aircraft Stability and Control** LEFAS/VERA-MORALES [3-5, 8], *4* **4F10:Deep Learning and Structured Data** FITZGIBBON/GALES, *1*		IIBM5 **4I10: Nuclear Reactor Engineering** ROULSTONE/SHWAGERAUS, *6*	IIBM5 **4B11: Photonic Systems** WILKINSON [7], *4* **4F1: Control System Design** SMITH/VINNICOMBE [8], *1*	IIBM11 **4M17: Practical Optimisation** DEAN/KIPOUROS, *4*	
1. 15 Oct **2. 22 Oct** **3. 29 Oct** **4. 5 Nov** **5. 12 Nov** **6. 19 Nov** **7. 26 Nov** **8. 3 Dec**	Wednesday	IA	**P3: Physical principles of electronics** [1-3] WILKINSON, *Constance Tipper* **P3: Analysis of Circuits** [4-8] WILKINSON, *Constance Tipper*	**CW: Integrated electrical project intro** WILKINSON **and Introduction to the Industrial Experience requirement** GODDARD [1], *Constance Tipper* **P2: Structures** [2-7] ALLWOOD, *Constance Tipper*							
		IB	**LABS** (see rota)		**P6: Linear systems and control** [1-2] LESTAS, *Constance Tipper* **P2: Structures** [3-8] GUEST, *Constance Tipper*	**P4: Thermofluid mechanics** GARCIA MAYORAL/MILLER, *Constance Tipper*		**CW: Mars Lander feedback** [1] GEE, *Constance Tipper*			
		IIA	IIAM5 **3C1: Materials Processing & Design** BARLOW/SEITA, *6* **3F7: Information Theory & Coding** VENKATARAMANAN, *2*	IIAM1 **3A3: Fluid Mechanics II** HALL/JARRETT, *3* **3D1: Geotechnical Engineering I** MADABHUSHI/STANIER, *12* **3F3: Statistical Signal Processing** CANTWELL/GODSILL, *2*	**LABS** (see rota)			**LABS** (see rota)			
		IIB/GRAD	IIBM7 **4A9: Molecular Thermodynamics** ONN/WHITE, *11* **4B28:Very Large Scale Integration** TANG, *5*	IIBM4 **4A3:Turbomachinery I** MILLER/TAYLOR, *1* **4C6:Advanced Linear Vibrations** BUTLIN, *5* **4D7:Concrete and Pre-Stressed Concrete** DESNERCK/ORR, *11* **4G7: Computation and Control in Living Systems** FORNI/O'LEARY, *6*	IIBM8 **4A7:Aircraft Aerodynamics and Design** BARRETT/JARRETT, *6* **4C3:Advanced Functional Materials and Devices** ALEXANDER-WEBBER/DURRELL, *12* **4D5: Deep Foundations and Underground Construction** HAIGH/VIGGIANI, *5* **4M24: Computational Statistics and Machine Learning** GIROLAMI, *1*	IIBM5 **4B11: Photonic Systems** WILKINSON, *4* **4F1: Control System Design** SMITH/VINNICOMBE, *1*		IIBM11 **4B5: Quantum and Nano-Technologies** SAPIENZA, *5* **4M17: Practical Optimisation** DEAN/KIPOUROS, *4* **4M22:Climate Change Mitigation** ALLWOOD, *1*	IIBM10 **4M29: Designed to Lead** LANUCHA, *10*	IIBM10 **4M3: Spanish** BIANCHI, *CLIC*	

4E1 Innovation & Strategic Management of IP: Number of students limited to 50.

4I1 Strategic Valuation: This course runs after the end of term from the 8th December to the 15th December. It is limited to 5 students selected by ballot. Further details will be provided to participants.

4M29 Designed to Lead: Number of students limited to 12 selected by ballot.

Lab Coordinator Part IA: Prof S.A. Scott **Lab Coordinator Part IB:** Dr G McShane; **Lab Coordinator Part IIA:** Prof D Liang; **Part IIA projects:** Prof G. Treece; **Part IIB projects:** Prof A.H. Gee; **Part IIB Coursework Coordinator**: Prof. A Kabla.

v.8 13.10.2025