

**IIA Module and Lab Leaders 2015-16**

**For the set information please refer to the 3<sup>rd</sup> year Modules and Sets information document as approved by the Faculty Board**

Mod	MODULE Title	Module_Leader	ModLdrAdd	ModEmail	LAB Title / CW Title	FTR	Lab_Leader	LabLdrAdd	LabEmail	Term
3A1	Fluid mechanics I (double module)	Dr A Agarwal	BE2-08	aa406	Turbulent boundary layer	Y	Dr G Hunt	BE2-02	grh20	L
					Flow around bodies of revolution	Y	Dr A Agarwal	BE2-08	aa404	M
3A3	Fluid mechanics II (double module)	Prof RS Cant	IN2-12	rsc10	Nozzle and supersonic tunnel	Y	Prof H Babinsky	BE2-05	hb	M
					Turbomachinery	Y	Dr R Miller	Whittle Lab	rjm76	L
3A5	Thermodynamics & power generation	Dr SA Scott	ISO-22	sas37	Computer based cycle simulation	Y	Dr S Scott	ISO-22	sas37	M
3A6	Heat and mass transfer	Prof S Hochgreb	ISO-3	sh372	Impinging Flow	Y	Prof S Hochgreb	ISO-3	sh372	L
3B1	Radio frequency electronics	Dr PA Robertson	Cape 101	par10	Superhet radio	Y	Dr PA Robertson	Cape 101	par10	M
3B2	Integrated digital electronics	Prof F Udrea	Cape-5	fu10000	Logic analysers	Y	Dr DM Holburn	Cape 19	dmh	L
					Digital ic applications (only one lab may be counted)	Y				L
3B3	Switch-mode electronics	Dr RA McMahon	Cape 7	ram1	Thyristor convertors	Y	Dr PR Palmer	Cape 2	prp11	M
3B4	Electric drive systems	Dr TJ Flack	Cape 9	tjf	Robotic steering	N	Dr TJ Flack	Cape 9	tjf	L
3B5	Semiconductor engineering	Dr HJ Joyce	Cape 2	hjj28	Schottky barrier	Y	Dr S Hofmann	Cape 102	sh315	M
3B6	Photonic technology	Prof IH White	Cape 105	ihw3	Laser experiment	Y	Prof RV Penty	Cape 103	rvp11	L
3C1	Materials processing and design	Dr HR Shercliff	BE3-20	hrs	Hardenability	Y	Dr J Durrell	BE3-32	jhd25	M
3C5	Dynamics	Dr HEM Hunt	BE3-18	hemh	Gyroscopic phenomena	Y	Dr HEM Hunt	BE3-18	hemh	M
3C6	Vibration	Prof J Woodhouse	BE3-29	jw12	Digital vibration analysis	Y	Prof J Woodhouse	BE3-29	jw12	L
3C7	Mechanics of solids	Prof V Deshpande	BE3-06	vsd	Stress/strain measurements	N	Dr F Cirak	INO-31	fc286	M
3C8	Machine design	Dr DJ Cole	BE3-16	djc13	Machine design	Y	Dr DJ Cole	BE3-16	djc13	M
3C9	Fracture mechanics of materials & structures	Prof V Deshpande	BE3-06	vsd	Fracture mechanics of materials & structures	Y	Dr G McShane	BE3-03	gjm31	L
3D1	Geotechnical engineering I	Dr G Biscontin	Schofield	gb479	Soil classification	Y	Dr G Biscontin	Schofield	gb479	M
3D2	Geotechnical engineering II	Dr SK Haigh	Schofield	skh20	Consolidation and shear	Y	Dr SK Haigh	Schofield	skh20	L
3D3	Structural materials and design	Dr M Overend	INO-15	mo318	Concrete	Y	Dr C Morley		ctm1	M
3D4	Structural analysis and stability	Dr F Cirak	INO-31	fc286	Buckling elastic and inelastic	Y	Dr FA McRobie	INO-12	fam	L
3D5	Water engineering	Dr D Liang	BE2-02	dl359	Sediment transport	Y	Dr D Liang	BE2-02	dl359	M
3D7	Finite element methods	Dr F Cirak	INO-31	fc286	Finite elements	Y	Dr F Cirak	INO-31	fc286	L
3D8	Building physics and environmental geotechnics	Prof G Madabhushi	Schofield	mosp1	Groundwater	Y	Prof MSPG Madabhushi	BC2-01	mosp1	M

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3E1	Business economics	Dr A Mina	Judge	am793	<i>Title to be announced in lectures</i>	N	Dr A Mina	Judge	am793	L
3E2	Marketing	Dr V Mak	Judge	wsvm1	<i>Title to be announced in lectures</i>	N	Dr V Mak	Judge	wsvm1	M
3E3	Modelling risk	Dr H Jiang	Judge	hj231	<i>Title to be announced in lectures</i>	N	Dr R Zanjirani-Farahani	Judge	rz276	M
3E5	Human resource management	Dr A Richter	Judge	ar557	<i>Title to be announced in lectures</i>	N	Dr A Richter	Judge	ar557	M
3E6	Organisational behaviour	Dr R Wiedner	Judge	rw415	<i>Title to be announced in lectures</i>	N	Dr R Wiedner	Judge	rw415	L
3E10	Operations management for engineers	Dr F Erhan	Judge	fe251	<i>Title to be announced in lectures</i>	N	Dr R McKenzie	Judge	rm783	L
3F1	Signals and systems	Dr J Sayir	BE03-12	js851	Flight control	Y	Prof MC Smith	BNO-38	mcs	M
3F2	Systems and control	Dr G Vinnicombe	BN4-78	gv103	Ball and beam Inverted pendulum <b>(only one lab may be counted)</b>	N Y	Prof J Maciejowski	BN0-31	jmm1	L L
3F3	Signal and pattern processing	Prof SJ Godsill	BE3-09	sjg30	Signal processing	Y	Prof SJ Godsill	BE3-09	sjg30	L
3F4	Data transmission	Prof N Kingsbury	BNO-35	ngk10	Digital transmission systems	Y	Dr R Venkataramanan	BN3-09	rv285	L
3F5	Computer and network systems	Dr AH Gee	BNO-32	ahg	Cache memory	Y	Mr TP Love	DPO Annex	tpl	M
3F6	Software engineering and design	Dr RE Turner	BE4-33	ret26	Software	Y	Dr RE Turner	BE4-33	ret26	L
3G1	Introduction to molecular bioengineering	Dr G Micklem	Genetics Dept, Downing Site	gm263	<i>Title to be announced in lectures</i>	N	Dr G Micklem	Genetics Dept, Downing Site	gm263	M
3G2	Mathematical physiology	Dr AJ Kabla	BE3-23	ajk61	<i>Title to be announced in lectures</i>	Y	Dr AJ Kabla	BE4-42	ajk61	L
3G3	Introduction to neuroscience	Dr M Lengyel	BE4-43	ml468	<i>Title to be announced in lectures</i>	Y	Dr G Hennequin	BE4-35	gjh2	L
3G4	Medical imaging and 3-D computer graphics	Dr AH Gee	BNO-32	ahg13	<i>Title to be announced in lectures</i>	Y	Dr AH Gee	BNO-32	ahg13	L
3G5	Biomaterials	Dr A Markaki	BE3-21	am253	<i>Title to be announced in lectures</i>	Y	Dr ML Oyen	BE3-17	mlo29	M
3M1	Mathematical methods	Dr GT Parks	IN2-11	gtp	Optimal factory strategy	N	Dr GT Parks	IN2-11	gtp	L
4C4	Design methods	Dr I Cullen	ISO-46	jmc99						M
4D8	Pre-stressed Concrete	Prof CJ Burgoyne	INO-19	cjb19						M
4M12	Partial differential equations and variational methods	Prof PA Davidson	BE2-06	pad3						L
4M16	Nuclear power engineering	Dr GT Parks	IN2-11	gtp						L

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