

Semester 1 2009

ENGN Code	Course (major)	Convener	Pre-requisites	Notes
<i>Compulsory:</i>				
1211	Discovering Engineering	Dr. Haley Jones	none	
2226	Systems Analysis	Dr. Jochen Trumpf	12u of Maths inc. MATH1014	
3211	Investment Decisions and Financial Systems	Mr. Seng Teh/Dr. Elliot Fan	12u of Maths	Delivered by CBE
4200	Individual Project	Dr. Gerard Borg	ENGN3221	
4221	Systems Engineering Project	Dr. Paul Compston	ENGN3221	Lecturer: Dr. Milli Styles
<i>Electives:</i>				
2211	Electronic Circuits and Devices (●●●●●)	Dr. Salman Durrani	ENGN1221	
2214	Mechanics of Materials (●●)	Dr. Shankar Kalyanasundaram	ENGN1221	
3212	Manufacturing Technologies (●)	Dr. Matthew Doolan	ENGN1215 and 2225	
3213	Digital Systems and Microprocessors (●●●●)	Dr. Gerard Borg	ENGN2211	
3224	Energy Systems Engineering (●●●)	Dr. Keith Lovegrove	ENGN2222	
4513	Fibre Optics Communications (●)	Dr. John Love	PHYS1201	
4545	Radiofrequency Engineering (●●●)	Prof. John Richards	ENGN2228 or 2223	Autumn Session (from 1-Apr)
4601	Engineering Materials (●)	Prof. Qinghua Qin	ENGN2214	

Majors

- Electronics
- Manufacturing
- Materials and Mechanical
- Mechatronics
- Sustainable Energy
- Telecommunications

Semester 2 2009

ENGN Code	Course (major)	Convener	Pre-requisites	Notes
<i>Compulsory:</i>				
1217	Introduction to Mechanics	Dr. Zbigniew Stachurski	PHYS1101 or 1001	
1218	Introduction to Electronics	Dr. Jon Kim	PHYS1101 or 1001	
2225	System Design	Dr. Haley Jones	ENGN1211	
3221	Engineering Management	Dr. Matthew Doolan	ENGN1211 and 3211	
4611	Engineering Law	Mr. Andrew Salmon	ENGN1211	Delivered by College of Law
<i>Electives:</i>				
1215	Introduction to Materials (●●)	Dr. Adrian Lowe	None	
2221	System Dynamics (●●●●)	Dr. Jon Kim	MATH1014	
2222	Thermal Energy Systems (●●●)	Dr. Keith Lovegrove	PHYS1101 or 1001	
2224	Semiconductors (●●)	Prof. Andrew Blakers	None	
2228	Signal Processing (●)	Dr. Salman Durrani	ENGN2211 and 2226	Lecturers: Prof. Kennedy, Dr Abhayapala
3222	Manufacturing Systems (●)	Dr. Paul Compston	ENGN3212 and 2226	
3223	Control Systems (●●)	Dr. Masahiro Yanagisawa	ENGN2228 or MATH 2305	
3226	Digital Communications (●)	Dr. Salman Durrani	ENGN2211 and 2226	
3227	Analogue Electronics (●)	Dr. Klaus Weber	ENGN2211	
4516	Energy Resources and Renewable Tech. (●)	Prof. Andres Cuevas	ENGN3211	
4627	Robotics (●●)	Dr. Robert Mahony	ENGN2221	