

MODULE MAP OF PROGRAMME LEARNING OUTCOMES

Programme: BEng Electronic Engineering (H610)

(Programme commenced in October 2008 - Updated March 2011)

				Knowledge								Cognitive				Practical				Key Skills							
		Module	Module Title	A1	A2	A3	A4	A5	A6	A7	A8	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4	D5	D6		
Level 4	CORE MODULES	CE101-4-SP	Professional Development		◆																◆						
		CE142-4-AU	Mathematics for Electronics and Telecommunications			◆							◆	◆			◆						◆				
		CE151-4-AU	Introduction to Programming						◆				◆	◆			◆	◆				◆		◆	◆		
		CE155-4-SP	Network Fundamentals					◆					◆	◆			◆	◆				◆			◆		
		CE161-4-AU	Digital Systems Architecture						◆				◆	◆			◆	◆				◆			◆		
		CE162-4-SP	Digital Electronic Systems								◆		◆	◆			◆	◆				◆			◆		
		CE163-4-AU	Foundations of Electronics I							◆		◆	◆	◆			◆	◆				◆			◆		
		CE164-4-SP	Foundations of Electronics II							◆		◆	◆	◆			◆	◆				◆			◆		
Level 5	CORE MODULE	CE261-5-FY	Electronic and Telecommunication Project and Industrial Practice	◆	◆			◆		◆		◆	◆	◆	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆	
	COMPULSORY MODULES	CE243-5-SP	C Programming and Embedded Systems				◆	◆			◆	◆	◆			◆	◆				◆		◆	◆			
		CE262-5-FY	Engineering Mathematics			◆						◆	◆			◆	◆				◆		◆	◆			
		CE263-5-SP	Analogue Circuit Design			◆			◆	◆		◆	◆			◆	◆				◆		◆	◆			
		CE264-5-AU	Digital Electronic Design			◆					◆		◆	◆			◆	◆				◆		◆	◆		
		CE266-5-SP	Engineering Electromagnetics				◆	◆				◆	◆			◆	◆				◆		◆	◆			
	OPTIONAL MODULES (2 out of 4)	CE215-5-SP	Robotics			◆	◆				◆	◆	◆			◆	◆				◆		◆	◆			
		CE222-5-SP	Operating Systems				◆	◆			◆	◆	◆			◆	◆				◆		◆	◆			
CE231-5-AU		Computer and Data Networks					◆			◆	◆	◆			◆	◆				◆		◆	◆				
		CE269-5-SP	Signal Processing			◆		◆		◆	◆	◆			◆	◆				◆		◆	◆				
Level 6	CORE MODULE	CE301-6-FY	Individual Project								◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆		◆	◆		
	COMPULSORY MODULE	CE323-6-AU	Embedded Systems Design					◆		◆	◆	◆	◆			◆	◆			◆			◆				
	OPTIONAL MODULES (5 out of 10)	CE315-6-SP	Mobile Robotics			◆	◆				◆	◆	◆			◆	◆				◆		◆	◆			
		CE316-6-SP	Image Processing and Computer Vision			◆	◆				◆	◆	◆			◆	◆				◆		◆	◆			
		CE320-6-AU	Large Scale Software Systems and Extreme Programming	◆							◆	◆	◆			◆	◆				◆		◆	◆			
		CE324-6-SP	Network Security					◆			◆	◆	◆			◆	◆				◆		◆	◆			
		CE325-6-AU	3D Computer Graphics			◆	◆				◆	◆	◆			◆	◆				◆		◆	◆			
		CE332-6-AU	RF Systems			◆			◆		◆	◆	◆			◆	◆				◆		◆	◆			
		CE334-6-SP	Telecommunication Networks			◆		◆			◆	◆	◆			◆	◆				◆		◆	◆			
		CE335-6-AU	Digital Signal Processing			◆			◆		◆	◆	◆			◆	◆				◆		◆	◆			
		CE336-6-SP	Audio Electronic Systems & Design								◆	◆	◆	◆			◆	◆				◆		◆	◆		
CE337-6-SP	Photonic Networks & Devices								◆	◆	◆	◆			◆	◆				◆		◆	◆				