2nd Year Electronic & Electrical Engineering Book List 2014-15

Recommendation , E-Essential, R-Recommended, <> Background					Last Modified 25/09/2014				
Course code	Description	Lecturer	Year	Sem-ester	Recomm-endation	Author	Title	Publisher	Edition
EEE217	Avionic Systems	Dr K Atallah	2	2	R		*Will be recommended during the course*		
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Hughes,E	Electrical Technology	Longman / Pearson Education 8th ed.2001	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Smith,R.J. & Dorf R.C.	Circuits,Devices and Systems	Wiley 5th ed. 1992	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Roadstrum,W.H. & Wolaver D. H.	Electrotechnology	Wiley 2nd ed. 1993	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Laycock, C. H.	Applied Electrotechnology for Engineers	Macmillan Ch. 1-5 1976 (out of press)	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Paul C. R., Naser S. A. & Unnewehr L.E.	Introduction to Electrical Engineering	McGraw-Hill 2nd ed. 1992	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Fraser C. R & Milne J.	Integrated Electronic & Electrical Eng. For Mechanical Engineers	McGraw-Hill 1994	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Mayergoyz I.D. & Lawson W.	Basic Electric Circuit Theory	Academic Press 1st ed. 1977	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Bell E.C. & Whitehead R. W.	Basic Electrical Eng. And Instrumentation for Engineers	Crosby Lockwood 1977 ch 1-3, 7, 11	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Say, M. G.	Electrotechnology	Newnes / Butterworths 1974	
EEE218	Electric Circuits	Mr K Mitchell	2	1	R	Rizzonni, G	Principles & Applications of Electrical Engineering	McGraw Hill 2nd ed. 2006	
EEE218	Electric Circuits	Mr K Mitchell	2	1 & 2	R	Spence, R	Introductory Circuits	Wiley	
EEE223	Electrical Energy Management and Conversion	Dr D Stone//Dr M Foster	2	1 & 2	R	Millman&Gabel	Microelectronics	McGraw-Hill	
EEE223	Electrical Energy Management and Conversion	Dr D Stone//Dr M Foster	2	1 & 2	R	Mohan	Power Electronics		
EEE224	Communication Electronics	Dr D Stone//Dr M Foster	2	1 & 2	R	J.Pearson	Basic Communication Theory	Prentice Hall	
EEE224	Communication Electronics	Dr D Stone//Dr M Foster	2	1 & 2	R	L.E. Frenzel	Principles of Electronic Communications Systems	McGraw Hill	
EEE224	Communication Electronics	Dr D Stone//Dr M Foster	2	1 & 2	R	D Peterson	Audio, Video and Data Telecommunications	McGraw Hill	
EEE224	Communication Electronics	Dr D Stone//Dr M Foster	2	1 & 2	R	A.S. Sedra & K.C. Smith	Microelectronic Circuits	Oxford	
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	Streetman & Bannerjee	Solid Ste Electronic Devices	Prentice-Hall	
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	L. Edwards-Shea	The Essence of Solid-State Electronics	Prentice-Hall	
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	J. Crowe & B. Hayes-Gill	Introduction to Digital Electronics	Prentice Hall	

Course code	Description	Lecturer	Year	Sem-ester	Recomm-endation	Author	Title	Publisher	Edition
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	T. L. Floyd	Digital Fundamentals	Prentice Hall	
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	D. D. Gajski	Principles of Digital Design	Prentice Hall	
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	M Morris Mano	Digital Design	Prentice Hall	3
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	Sedra A S & Smith K C	Microelectronic Circuits	Oxford	
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	Horowitz and Hill	The Art of Electronics	Cambridge	
EEE225	Analogue and Digital Electronics	Prof. J.David / Dr N Powell / Dr J Green	2	1 & 2	R	Smith, R.J.	Circuits Devices and Systems	Wiley	
EEE226	Engineering Software Design	Dr G Gladwin	2	1 & 2	R	Mazidi, Mazidi & McKinlay	The 8051 Microcontroller- A systems approach	Pearson	2013
EEE226	Engineering Software Design	Dr G Gladwin	2	1 & 2	R	Bramer, B & S	C for Engineers	Arnold	1997
EEE226	Engineering Software Design	Dr G Gladwin	2	1 & 2	R	Dordrecht	Exploring C for microcontrollers : a hands on approach	Springer	2007