

Course No	Course Name	Text	Author	Publisher	Instructors
ECE 200 701	Digital Logic Design	Logic & Comp. Design Funds.	Mano & Kime	Pearson/PH	Katz, Bruce
ECE 200 A	Digital Logic Design	4 th.			Trachtenberg
ECE 201 701	Electric Circuits	Basic Electric Circuit Analysis, 8 <sup>th</sup> Ed.	Irwin & Nelms	Wiley	Kalata, Paul
ECE 201 A	Electric Circuits	Maple for Electric Circuits & Notes	Gerber	Wiley	Basavahia
ECE 203 A	Programming for Eng.	Big Java, 3th ISBN: 978-0-470-112090	Horstmann	Wiley & Sons,	Sethu, Harish
ECE 492 701	Senior Design II	None			Hrebien, Leonid
ECEC 301 701	Adv Programming for Eng.	Big Java, 3th ISBN: 978-0-470-112090	Horstmann	Wiley & Sons,	Carr, Robin
ECEC 304 701	Design with Mcontrolle	The M68HC11	Kheir	Prentice-Hall	Prabhu, Karkal
ECEC 304 A	Design with Mcontrolle	Microcontrollers			Nagvajara
ECEC 355 701	Computer Structures	Computer Organization and Design 978-0-12-370606-5	Patterson & Hennessy	Morgan Kaufman	Kandasamy, N
ECEC 356 A	Embedded Systems	Embedded Systems	Barrett&Pack 0-13-140141-6	Pearson/P-H	Prabhu, Karkal
ECEC 421 701	Intro Operating Sys I	Modern Operating Sys. 3 rd. 10: 0136006639	A. Tanenbaum	Prentice Hall	Katz, Bruce
ECEC 490 001	ST: VLSI Design and Automation	Digital Integrated Circuits- A Design Per., 2nd ed. 0-13-090996-3	Rabaey, Chandr &Nikolic	Prentice Hall	Baris Taskin

ECEC 600	Fund. of Computer Networks	Computer Networking, 4th 978-0-321-49770-3	Kurose & Ross	A-W	Prabhu, Karkal
ECEE 352 A	Analog Electronics	Microelectronic Circuits	Sedra & Smith	Oxford	Nabet, Bahram
ECEE 354 A	Intro Wireless/ Optical Elect	Fund. of Applied Electromagnetics 132413264	F. Ulaby	Prentice Hall	Daryoush, Afshin
ECEE 422	Advanced Electronics	Adv. Electronic Circuit Design 2003	Comer & Come	Wiley	Basavaiah
ECEE 472 A	RF Electronics	Microwave Engineering 471448788	David Pozar	Wiley	Daryoush, Afshin
ECEL 302 A	ECE Laboratory II	See Instructor			Kurzweg, Timothy
ECEL 304 701	ECE Laboratory IV	See WebCT			Fox, Anna
ECEL 304 A	ECE Laboratory IV	See WebCT			Basavaiah
ECEP 352 A	Elec Motor Control Prin.	Elect. Machinery Fund. 0-07-246523-9	Chapman	McGraw-Hill	Miu Miller, Karen
ECEP 412 701	Power Systems II	See Instructor			Dafis, Chris
ECEP 412 A	Power Systems II	See Instructor			Nwankpa, Chika
ECES 302 701	Transform Methods &	Signals, Systems & Transforms, 4rd.	Phillips, Parr, R	Prentice-Hall	Hrebien, Leonid
ECES 302 A	Transform Methods & Filt.				Cohen, Fernand
ECES 304 A	Dynamic Sys & Stabilit	Control Systems Engineering	Nise	Wiley	Kalata, P



GRADUATE COURSES					
Course No	Course Name	Text	Author	Publisher	Instructors
ECEC 600 501	Fundamentals of Comp Networks	Computer Networking 0-321-22735-2.	Kurose & Ross	AW	Prabhu, Karkal
ECEC 622 501	Parallel Computer Architecture	Parallel Computer Architecture Hardware/Software Approach	Culler, Singh, Gupta	M. Kaufmann	Hong, Bo
ECEC 632 501	Perf Analysis of Comp Networks	Communication Networking: An Analytical Approach	Kumar, Manjun, and Kuri	M. Kaufmann	Sethu, Harish Prabhu, Karkal
ECEC 632 901		Prab., Stats, & Random Proc./Engrs. 3 rd.	A. Leon-Garcia	Prentice-Hall	
ECEC 662 501	VLSI Array Processors I				Nagvajara, Prawat
ECEC 690 501	ST: Found of Comp Eng II				Trachtenberg, Lazar
ECEC 690 502	ST: EDA for VLSI Circuits II	None			Taskin, Baris
ECEC 690 503	ST: Dependable Computing				Kandasamy
ECEE 541 501	Photonic Systems	Optics	E. Hecht	A&W	Herczfeld
ECEE 690 001	ST: Engg Quantum Mechanics I				Friedman

ECEE 821 501	Nanoelectronics				Nabet, Bahram
ECEP 502 901	Computer Analy Power Sys				Halpin
ECEP 602 501	Power Dist Auto. & Ctrl				Miu Miller, Karen
ECES 512 501	Fundamentals of				Kam, Moshe
ECES 512 901	Systems II				Kam, Moshe
ECES 522 501	Random Process & Spec Analysis				Petropulu, Athina
ECES 632 501	Fund of Statistical DSP				Walsh, John
ECES 690 501	ST: Biologic Sig Processing I				Rosen, Gail
ECES 690 502	Statistical Pattern Recognition	Pattern Classification, V1	Duda, Stark, Hart	Wiley	Tretiak, Oleh
ECES 818 501	Mach Learning/ Adaptive Control				Chmielewski
ECET 512 501	Wireless Systems	Wireless Communications	Andreas Molisc	Wiley-IEEE Press	Dandekar, Kapil