

Course Number	Course Title	Instructor	Textbook Title and Edition	Author	Publisher	Year of Publication	ISBN Number
ECE 160	Found Computer Eng I	Viall, Philip H	Let Us C, 8th Edition	Yashavant P. Kanetkar	Jones & Bartlett Publishers	2008	978-1-9340-1525-4
ECE 201	Circuit Theory I	Helgeland, Robert C	Electric Circuits, 8th Edition <i>Lab:</i> Lab Kit and Research Lab Notebook	James W. Nilsson and Susan Riedel	Prentice Hall	2007	978-0-13-198925-2
ECE 202	Circuit Theory II	Li, Yifei	Electric Circuits, 8th Edition	James W. Nilsson and Susan A. Riedel	Prentice Hall	2004	978-0-1319-8925-2
ECE 212	Elem Electrical Engin II	Brown, David	Principles and Applications of Electrical Engineering, 5th Edition	Giorgio Rizzoni	McGraw-Hill Higher Education	2005	978-0-07-296298-7
ECE 250	Fundamentals of Matlab	Costa, Antonio	MATLAB: An Introduction with Applications, 3rd Edition	Amos Gilat	John Wiley & Sons, Inc.	2008	978-0-470-10877-2
ECE 257	Fundamentals Of Unix	Fortier, Paul J	Linux for Programmers and Users	Graham Glass and King Ables	Prentice Hall	2006	978-0-1318-5748-3
ECE 260	Digital Logic & Design	Viall, Philip H	Digital Design: Principles and Practices, 4th Edition	John F. Wakerly	Prentice Hall	2005	978-0-1318-6389-7
ECE 311	Digital Electronics	Rancour, David P	Microelectronic Circuits, 6th Edition	Adel Sedra and Kenneth C. Smith	Oxford University Press	2009	978-0-1953-2303-0
ECE 320	Discrete Time Linear Syst	Bilik, Igal	1) Signals and Systems, 2nd Edition 2) Computer Explorations in Signals and Systems Using MATLAB, 2nd Edition	1) Alan V. Oppenheim, Alan S. Willsky, and with S. Hamid 2) John R. Buck, Michael M. Daniel, and Andrew C. Singer	1) Prentice Hall 2) Prentice Hall	1) 1996 2) 2001	1) 978-0-1381-4757-0 2) 978-0-1304-2155-5
ECE 335	Electromag Theory I	Li, Yifei	Elements of Electromagnetics, 5th Edition	Matthew N. O. Sadiku	Oxford University Press	2009	978-0-19-538775-9
ECE 403	Topics: Mobile Autonomous Sensor Networks	Michel, Howard E	Protocols and Architectures for Wireless Sensor Networks	Holger Karl and Andreas Willig	John Wiley & Sons, Inc.	2005	978-0-4700-9510-2
ECE 413	Intro VLSI Design	Rancour, David P	CMOS VLSI Design: A Circuits and Systems Perspective, 4th Edition	Neil H. E. Weste and David Money Harris	Addison Wesley	2010	978-0-321-54744-3
ECE 456	Computer Architecture	Fortier, Paul J	Computer Organization and Architecture: Designing for Performance, 8th Edition	William Stallings	Prentice Hall	2009	978-0-1360-7373-4
ECE 457	Design Project I	Michel, Howard E	Design for Electrical and Computer Engineers, 1st Edition	Ralph Ford and Chris S. Coulston	McGraw-Hill Science/Engineering	2007	978-0-0733-8035-3
ECE 461	Microprocessors I	Geiger, Michael J	Microprocessor Systems Design: 68000 Family Hardware, Software, and Interfacing, 3rd Edition	Alan Clements	PWS Publishing Company	1997	978-0-5349-4822-1
ECE 471	Communication Theory	Costa, Antonio	Communication Systems, 5th Edition	Simon Haykin and Michael Moher	John Wiley & Sons, Inc.	2009	978-0-471-69790-9
ECE 481	Control Theory I	Nardone, Steven C	Feedback Control Systems, 4th Edition	Charles L. Phillips and Royce D. Harbor	Prentice Hall	1999	978-0-1394-9090-3
ECE 485	Advanced Engineering Math	Costa, Antonio	Advanced Engineering Mathematics, 4th Edition	Dennis G. Zill and Warren S. Wright	Jones and Bartlett Publishers	2011	978-0-7637-7966-5
ECE 490	Fund Of Acoustics	Brown, David	Fundamentals of Acoustics, 4th Edition	Lawrence E. Kinsler, Austin R. Frey, Alan B. Coppers, James V. Sanders	Wiley	1999	978-0-4718-4789-2
ECE 521	Random Signals&Systems I	Nardone, Steven C	Probability, Random Variables and Stochastic Processes, 4th Edition	Athanasios Papoulis and S. Unnikrishna Pillai	McGraw Hill Higher Education	2001	978-0-0712-2661-5
ECE 527	Active Remote Sensing	Kasilingam, Dayalan	Introduction to Microwave Remote Sensing, 1st Edition	Iain H. Woodhouse	CRC Press	2004	978-0-41-527123-3
ECE 533	VLSI Design	Rancour, David P	CMOS VLSI Design: A Circuits and Systems Perspective, 4th Edition	Neil H. E. Weste and David Money Harris	Addison Wesley	2010	978-0-321-54744-3
ECE 557	Fund Of Acoustics	Brown, David	Fundamentals of Acoustics, 4th Edition	Lawrence E. Kinsler, Austin R. Frey, Alan B. Coppers, James V. Sanders	Wiley	1999	978-0-4718-4789-2
ECE 561	Computer Systems	Fortier, Paul J	Computer Organization and Architecture: Designing for Performance, 8th Edition	William Stallings	Prentice Hall	2009	978-0-1360-7373-4
ECE 565	Operating Systems	Liu, Hong	1) Operating System Concepts, 8th Edition 2) Kernel Projects for Linux	1) Abraham Silberschatz, Peter B. Galvin, and Greg Gagne 2) Gary Nutt	1) John Wiley & Sons, Inc. 2) Addison Wesley	1) 2008 2) 2000	1) 978-0-470-12872-5 2) 978-0-2016-1243-1
ECE 566	Microprocessors I	Geiger, Michael J	Microprocessor Systems Design: 68000 Family Hardware, Software, and Interfacing, 3rd Edition	Alan Clements	PWS Publishing Company	1997	978-0-5349-4822-1
ECE 569	Advanced Networks	Liu, Hong	1) Computer Networking: A Top-Down Approach, 5th Edition 2) Reference: Multimedia Communications, Applications, Networks, Protocols and Standards, 1st Edition	1) James F. Kurose and Keith W. Ross 2) Fred Halsall	1) Addison Wesley 2) Addison Wesley	1) 2009 2) 2000	1) 978-0-1360-7967-5 2) 978-0-2013-9818-2
ECE 591	Topics: Array Processing	Bilik, Igal	1) Optimum Array Processing (Detection, Estimation, and Modulation Theory, Part IV), 1st Edition 2) Array Signal Processing: Concepts and Techniques	1) Harry L. Van Trees 2) Don H. Johnson and Dan E. Dudgeon	1) Wiley-Interscience 2) Prentice Hall	1) 2002 2) 1993	1) 978-0-4710-9390-9 2) 978-0-1304-8513-7
ECE 591	Topics: Mobile Autonomous Sensor Networks	Michel, Howard E	Protocols and Architectures for Wireless Sensor Networks	Holger Karl and Andreas Willig	John Wiley & Sons, Inc.	2005	978-0-4700-9510-2
ECE 591	Topics: Wireless Networks and Mobile Computing	Wang, Honggang	Mobile Communications, 2nd Edition	Jochen Schiller	Addison Wesley	2003	978-0-3211-2381-7
ECE 632	Advances in Database Systems	Fortier, Paul J	Data Mining: Practical Machine Learning Tools and Techniques, 2nd Edition	Ian H. Witten and Eibe Frank	Morgan Kaufmann	2005	978-0-1208-8407-0
ECE 646	Digital Speech Processing	Payton, Karen	Discrete-Time Speech Signal Processing: Principles and Practice	Thomas F. Quatieri	Prentice Hall	2001	978-0-13-242942-9
EGR 101	Intro App Sci & Eng I	Helgeland, Robert C	Electronics Technology Fundamentals: Conventional Flow Version, 3rd Edition	Robert T. Paynter and Toby Boydell	Prentice Hall	2008	978-0-13-504874-0
EGR 101	Intro App Sci & Eng I	Payton, Karen	Electronics Technology Fundamentals: Conventional Flow Version, 3rd Edition	Robert T. Paynter and Toby Boydell	Prentice Hall	2008	978-0-13-504874-0