

School of Technology
Textbook Master List

Department: Electrical and Computer Engineering Technology
 Contact Person: Sandy Schnebly
 Phone: 494-7483

No Course Changes

4/13/2009

Summer & Fall 2009

Information changed in the cells are in Red
 Changed to 13 Digit ISBN Numbers

Course # & Professor	Title of Text and/or Materials	Edition	New or Same	Author	Publisher	Estimated Enrollment per semester		
						1st	2nd	Sum.
ECET 107 Fahlsing	Class Lecture Notes (REQ)	1st/2002	Same	Herrick	Learning Systems			
	Lab Manual (REQ) DC/AC Circuits and Electronics: Principles & Applications Preliminary Edition ISBN: 9781401880408	1st/2003	Same	Taylor, O'Connor, & Herrick	Delmar /Thomson	100	30	
	DC/AC Circuits & Electronics:Principles & Applications (REQ) ISBN: 9780766820838	1st/2003	Same	Herrick	Delmar/Thomson			
ECET 109 Widmer	Digital Systems:Principles and Applications (REQ) ISBN: 9780131725799	10th/2007	Same	Tocci, Widmer, Moss	Prentice Hall	100	30	
	A Design Approach To Digital Systems (REQ) Lab Manual ISBN: 9780131881389	10th/2007	Same	Moss	Prentice Hall			
ECET 157 Fahlsing	* DC/AC Circuits & Electronics:Principles & Applications (REQ) ISBN: 9780766820838	1st/2003	Same	Herrick	Delmar/Thomson			
	* Lab Manual (REQ) DC/AC Circuits and Electronics: Principles & Applications Preliminary Edition ISBN: 9781401880408	1st/2003	Same	Taylor, O'Connor, & Herrick	Delmar/Thomson	30	90	
ECET 159 Moss	* A Design Approach To Digital Systems (REQ) Lab Manual ISBN: 9780131881389	10th/2007	Same	Moss	Prentice Hall			
	* Digital Systems: Principles and Applications (REQ) ISBN: 9780131725799	10th/2007	Same	Tocci, Widmer, Moss	Prentice Hall	30	90	
	ECET 159 Digital Applications (REQ)	latest	Same	Moss	Learning Systems			
ECET 196 Widmer	Material Supplied					98	30	
ECET 207 Honchell	Advanced AC Electronics: Principles & Applications ISBN: 9780766823303	2003	Same	Jacob	Delmar/Thomson	70	36	
	ECET 207 AC Electronics Circuit Analysis Study Guide & Lab Manual (REQ)	latest	Same	Jacob	Learning Systems			

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ECET 209 Richardson	*Digital Systems:Principles & Applications (REQ) ISBN: 9780131725799	10th/2007	Same	Tocci & Widmer, Moss	Prentice Hall	60	27	
	ECET 209L Introduction to Microprocessors Lab (REQ)	Latest	Same	Widmer	Learning Systems			
	Embedded C Programming and the Atmel AVR ISBN: 9781418039592	2nd/2007	Same	Barnett, Cox, O'Cull	Delmar			
ECET 214 Dahnke	The Science of Electronics: DC/AC with Magnetics Text	1st/2009	Same	Buchla / Floyd	Pearson/Prentice Hall	140	120	8
	The Science of Electronics: DC/AC and Magnetics Lab Manual ISBN: 0555002349 (Contains both books)	1st/2009	Same	Buchla	Pearson/Prentice Hall			
ECET 231 Skvarenina	Electrical Power & Control (REQ) ISBN: 9780131130456	2nd/2004	Same	Skvarenina & Dewitt	Prentice Hall	35	45	
	ECET 231L Electrical Power & Controls Lab (REQ)	2001	Same	Skvarenina & Dewitt	Learning Systems			
ECET 233 Honchell	The Science of Electronics: Analog and Digital Applications Text	1st/2009	Same	Floyd/Buchla	Pearson/Prentice Hall	30	60	
	The Science of Electronics: Analog and Digital Applications Lab M ISBN: 0555002365 (Contains both books)	1st/2009	Same	Buchla	Pearson/Prentice Hall			
ECET 257 Jacob	Power Electronics : Principles & Application (REQ) ISBN: 9780766823327	Latest	Same	Jacob	Delmar/Thomson	35	50	
	Power and RF Electronics Study Guide and Lab Manual	Latest	Same	Jacob	Learning Systems			

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ECET 297 Blackwell	Electronic Prototype Development	Latest	Same	Blackwell	Learning Systems	35	60	
ECET 302 Robertson	New PLC Mfg System Web sites and no Text					28	0	
ECET 304 Denton	Modern Electronic Communication : (REQ) ISBN: 9780132251136	9th/2008	Same	Beasley & Miller	Pearson - Prentice Hall			
	Introduction to Communication Systems Lab Manual (REQ)	Latest	Same	Denton, Honchell	Learning Systems	40	40	
	Introduction to Communication Systems Study Guide (REQ)	Latest	Same	Denton, Honchell	Learning Systems			
ECET 307 Denton	Transform Circuit Analysis for Engineering Technology ISBN: 9780130602596	5th/2001	Same	William D. Stanley	Prentice Hall	42	45	
	Analog Network Signal Processing Lab Manual		Same	Cooney, Denton, Oxtoby, Reeve	Learning Systems			
ECET 309 Barnett	*Embedded C Programming and the Atmel AVR ISBN: 9781418039592	2nd/2007	Same	Barnett, Cox, O'Cull	Delmar	20	0	
ECET 324 Denton	Applied Electromagnetics ISBN: 9780470042571	1st/2007	Same	Stewart M Wentworth	Wiley	32	0	

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ECET 325 Evans	Computer Organization and Design: The Hardware/Software Interface ISBN: 9780123744937	4th/2009	Same	Patterson/Hennessy	Morgan Kaufamn	25	0	
ECET 331 Skvarenina	Power System Analysis and Design ISBN: 9780534548841	4th/2008	Same	Glover & Sarma	Thomson Learning	0	14	
ECET 345 Moss	* Digital Systems: Principles & Applications ISBN: 9780131725799	10th/2007	Same	Tocci, Widmer, Moss	Prentice Hall	15	0	
ECET 357 Oxtoby	Material Furnished					0	32	
ECET 359 Honchell	New Inside the PC (REQ) ISBN: 9780672322891	2002	Same	Norton	Sams-Prentice Hall	48	0	
	Visual Basic . NET Application-driven Tutorial Approach (REQ) ISBN: 9780131405530	2003	Same	Deitel, Deitel, Nieto	Prentice Hall			
ECET 360 Blackwell	Surface Mount Technology for PCB Design (REQ) ISBN: 9781418000110	2nd /2005	Same	Holloman, J.K., & Blackwell, G.R.	Delmar Learning	0	45	
ECET 368 Jacob	Analog Integrated Circuits (REQ) ISBN: 9780130809094	1st/2000	Same	Jacob	Prentice Hall	0	40	
	EET 368 Study Guide (REQ)	Latest	Same	Jacob	Learning Systems			
ECET 372 Kulatunga	Introduction to Control System Technology ISBN: 9780130306883	7th/2002	Same	Robert N. Bateson	Pearson/Prentice Hall	0	14	

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ECET 374 Moore	Digital Telephony (REQ) ISBN: 9780471345718	3rd/2000	Same	Bellamy	Wiley-Interscience	24	30	
ECET 381 Raji	National Electrical Code (REQ) ISBN: 9780877656234 (FREE ON LINE)	2005	Same	Standard 70	National Fire Protection Association	25	0	
ECET 385 Robertson	Gasoline-Engine Management ISBN: 9780470057575	3rd /2006	Same	BOSCH -Wiley	BOSCH Wiley	0	48	
ECET 396 Richardson	The Design of things to Come (Req) ISBN: 9780131860827	2005	Same	Vogel, Cagan, Boatwright	Wharton School Publishing (Prentice Hall) McGraw-Hill	25	70	
	Design for Electrical and Computer Engineers (REQ) ISBN: 9780073380353	1/2007	Same	Ford/Coulston				
ECET 424 Richards	Applied Electromagnetics ISBN: 9780470042571	1st/2007	Same	Stewart M Wentworth	Wiley	0	32	
ECET 474 Moore	*Digital Telephony (REQ) ISBN: 9780471345718	3rd/2000	Same	Bellamy	Wiley-Interscience	0	2	
ECET 480 Herrick	Material Furnished					45	50	
ECET 483 Evans	C and the 8051 ISBN: 9781589612372	3rd / 2004	Same	Thomas Schultz	Page Free Publishing	0	16	
ECET 499-1 49900-001 McNally	Intro NanoTechnology (Material will be furnished)					0	8	

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ECET 499-3 49900-003 Kulatunga	First Course on Power Electronics ISBN: 9780971529298	1st/2007	Same	Ned Mohan	MNPERE	0	12	
ECET 499-5 49900-005 Barnett	Cypress PSoC Applications (Material will be furnished by Professor)					0	5	
ECET 508 Barnett	Embedded C Programming and the Atmel AVR ISBN: 9781418039592	2nd/2007	Same	Barnett, Cox, O'Cull	Delmar	0	0	
ECET 525 DeWitt	Material Furnished					0	0	
ECET 58100-001 McNally	Electrical and Computer Engineering Technology Graduate Research Seminar (Course Title) Material will be furnished by Professor					2	0	
ECET 58100-002 Raji	Selected Topics In Biotechnology and Medicine (Course Title) Material will be furnished by Professor					6	0	
ECET 58100-003 McNally	Special Topics in Nanotechnology (Course Title) Material will be furnished by Professor					7	0	
ECET 58100-005 Oxtoby	Advanced DSP (Course Title) Material will be furnished by Professor					7	0	

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ECET 58100-007 Evans	High Performance Computing Systems (Course Title) Beowulf Cluster Computing with Linux ISBN: 978-0-262-69292-2	2nd/2003	Same	Gropp, Lusk, Sterling	The MIT Press	5	0	
ECET 581A Raji	Material Furnished					0	0	
ECET 581B Honchell	Printed Circuit Board Design for EMC Compliance ISBN: 9780780353763	2nd/2000	Same	Mark I. Montrose	IEEE Press	0	0	
ECET 581C Kulatunga	Guide to Energy Management ISBN: 9780849338991	5th/2007	Same	Capehart/Turner/ Kennedy	Marcel Dekker	0	0	
ECET 581D Blackwell	World Class Quality: Using Design of Experiments to Make It Happen ISBN: 9780814404270	2nd	Same	Keri R. Bhote & Adi K. Bhote	American Management Association	?	0	
ECET 581E Denton	Electromagnetics with Applications ISBN: 978-0-390-88487-9	5th/2007	Same	Kraus/Fleisch	WCB/McGraw-Hill Primis Online Custom Print	0	0	
ECET 581-10 58100-010 Sundararajan	Advanced Analog (Material will be furnished by Professor)						?	
ECET 581T 58100-012 Evans	Cryptography and Network Security: Principles and Practice ISBN# 9780131873162 Applied Cryptography: Protocols, Algorithms, and Source Code in C ISBN# 9780471117094	4th/ 2008 2nd/ 1996	Same Same	William Stallings Bruce Schneier	Prentice Hall John Wiley & Sons	 0	 ?	

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ECET 568 58100-014 Evans	Wireless Sensor Networks: Technology, Protocols, and Applications ISBN: 9780471743002	2007	New	Sohraby/Minoli/Znati	John Wiley & Sons	0	?	
M530 Skvarenina	Mechanical and Electrical Systems in Buildings ISBN: 9780130341532	3rd/2005	Same	Tao, W.K.Y. & Janis, R.R.	Prentice Hall	0	0	
	Electrical Power and Controls Skvarenina, T.L. & Dewitt, W.E. ISBN: 9780131130456	2nd/2004	Same	Skvarenina, T.L. & Dewitt, W.E.	Prentice Hall			

New Classes

Date

New	ECET 58100-001	Fall 2008
New	ECET 58100-002	Fall 2008
	ECET 581N chgd to = 58100-003	Fall 2008
	ECET 581R chgd to = 58100-005	Fall 2008
	ECET 581Y chgd to = 58100-007	Fall 2008

Spring 2009

New Courses Offered

ECET 499-1 = 49900-001	Sp 2009
ECET 499-3 = 49900-003	Sp 2009
ECET 499-5 = 49900-005	Sp 2009
ECET 568 = 58100-014	Sp 2009 offered
ECET 581-10 = 58100-010	Sp 2009 offered
ECET 581T chgd to = 58100-012	Sp 2009 offered

The 500 level courses get late enrollments.... The numbers listed are the limits not the # enrolled