

**Engineering Technology Text Books—Updated December 18, 2009. Multiple sections of a course use the same text.**

Course	Book Title	Edition	Author	Publisher	ISBN
ENT 135	Applying AutoCAD 2010		Wohlers, Terry	Glencoe McGraw Hill	9780073375441
ENT 137	Introduction to Engineering Technology	7 <sup>th</sup>	Pond, Robert J.	Prentice Hall	0-13-515430-8
ENT 151	Engineering Materials: Properties and Selection	9 <sup>th</sup>	Budinski & Budinski	Prentice Hall	0-13-712842-8
ENT 152	Materials and Processes in Manufacturing	10 <sup>th</sup>	DeGarmo, et al	MacMillan	978-0-470-05512-0
ENT 191	Electricity and Electronics		Gerrish and Druggers	Goodheart-Wilcox Company	1-56637-436-7
	Electricity and Electronics Lab Manual		Gerrish and Druggers	Goodheart-Wilcox Company	1-56637-437-5
ENT 192	Circuit Analysis I - DC, CD Text with Lab kit Cat. # CP-CA08	1 <sup>st</sup>	Seifried & Summers	OrchEd (800-773-7125)	978-0-9746892-4-1
	Mini lab Trainer			OrchEd	Cat. # TR-ML05
ENT 193	Introductory Circuit Analysis	11 <sup>th</sup>	Boylestad, Robert L.	Prentice Hall	0-13-173044-4
	Experiments in Circuit Analysis	11 <sup>th</sup>	Boylestad and Kousourou	Prentice Hall	0-13-219615-8
ENT 196	Electronics Devices	8 <sup>th</sup>	Thomas L. Floyd, Yueming Yu, Yanhui Zhang	Pearson	9780132429733
	Laboratory Exercises for Electronic Devices	8 <sup>th</sup>	David M. Buchla and Steve Wetterling	Prentice Hall	978-0132429719
	Experiments for Electronic Principles	6 <sup>th</sup>	Malvino, Albert P.	Glencoe	0-02-802834-1
ENT 202	CompTIA A+ Guide to Managing and Troubleshooting PC's	2 <sup>nd</sup>	Meyers, Mike	McGraw Hill	9780072263558
	CompTIA A+ Guide to Managing and Troubleshooting PC's Lab Manual	2 <sup>nd</sup>	Meyers, Mike	McGraw Hill	9780072263626
ENT 235	None				
ENT 252	Materials and Processes in Manufacturing	10 <sup>th</sup>	DeGarmo, E. Paul, et al	MacMillan	978-0-470-05512-0
ENT 262	Engineering Materials and Their Applications	4 <sup>th</sup>	Flinn and Troja	Wiley	0471125083
ENT 271	Applied Mechanics for Engineering Technology	8 <sup>th</sup>	Walker, Keith M.	Prentice Hall	0-13-172151-8
ENT 272	Applied Strength of Materials	5 <sup>th</sup>	Mott, Robert L.	Prentice Hall	0-13-236849-8
ENT 278	Machine Elements in Mechanical Design	4 <sup>th</sup>	Mott, Robert L.	Prentice Hall	0-13-061885-3
ENT 291	Industrial Electronics	4 <sup>th</sup>	Humphries and Sheets	Delmar	0-8273-5825-3
ENT 292	Electrical Machine, Drives and Power Systems	5 <sup>th</sup>	Wildi, Theodore	Prentice Hall	0-13-0930830
ENT 293	Digital Fundamentals Supplement, Laboratories, and Application Exercises (CD text)		Summers	OrchEd 2007	
	Circuit Lab Platform (Personal Laboratory Trainer)		Summers	OrchEd 2007	
ENT 294	Network+ Fundamentals and Certification – Value Pack (includes the 3 items below)		Cisco Learning Institute	Pearson	0131172905
	Lab Manual		Cisco Learning Institute	Pearson	0131892134
	Network + Fundamentals and Certification Stand Alone Text		Cisco Learning Institute	Pearson	0131892118
	Software Certification Kit		Cisco Learning Institute	Pearson	0131892142
ENT 295	The HCS12/9S12: An Intro to Software & Hardware Int.	2 <sup>nd</sup>	Huang, Han-Way	Thompson Delmar	1-4354-2742-4

ENT 296	Programmable Logic Controllers	3 <sup>rd</sup>	Petruzella, Frank D.	McGraw Hill	0-07-829852-0
	Lab Manual for Programmable Logic Controllers	3 <sup>rd</sup>	Petruzella, Frank D.	McGraw Hill	0-07-301010-3
ENT 297	Introduction to Intelligent Device Driver Design – An Approach using the TI MSP 430 Processor	2009	Seifried & Summers	OrchEd (800-773-7125)	978-0-9746892-6-5
ENT 298	Computer Networking: A Top-down Approach	5 <sup>th</sup>	Kurose, Ross	Addison Wesley	0-13-607967-9
ENT 301	Applied Mechanics for Engineering Technology	8 <sup>th</sup>	Walker, Keith M.	Prentice Hall	0-13-172151-8
ENT 310	Applied Fluid Mechanics	6 <sup>th</sup>	Mott, Robert L.	Prentice Hall	0-13-114680-7
ENT 311	Lab View for Everyone	3 <sup>rd</sup>	Travis and Kring	Prentice Hall	0-13-185672-3
ENT 312	Intro to Thermodynamics and Heat Transfer		Cengel, Yunus A.	Prentice Hall	0-07-011498-6
ENT 314	Machines & Mechanisms App. Kinematics Analysis	3 <sup>rd</sup>	Myszka, David	Prentice Hall	0131837761
ENT 316	Project Management: A Managerial Approach	7 <sup>th</sup>	Meredith and Mantel Jr.	Wiley	9780470226216
ENT 333	Advanced Engineering Mathematics	9 <sup>th</sup>	Kreyszig, Erwin	Wiley	978-0-471-48885-9
ENT 355	Introduction to Finite Element Analysis		Hutton, David V.	McGraw Hill Primis	0390-62392X
	ANSYS Workbench Tutorials	Release 12	Lawrence, Kent L.	SDC Publications	9781585035816
ENT 401	Introduction to Engineering Experimentation	2 <sup>nd</sup>	Wheeler, Anthony	Prentice Hall	0-13-065844-8
	Engineer's Computation Pad, 100 Pages				UPC #74319-22142
ENT 402	Contact Instructor				
ENT 404	Mechanical Measurements	6 <sup>th</sup>	Beckwith, Thomas, et al	Pearson	0-20-184765-5
ENT 407	No text required				
ENT 412	Introduction to Applied Fuzzy Electronics		Ibrahim, Ahmad M.	Prentice Hall	0-13-206400-6
ENT 415	Introduction to Thermodynamics and Heat Transfer	1 <sup>st</sup>	Cengel, Yunus A.	McGraw Hill	0-07-011498-6
ENT 416	Scham's Outline of Mechanical Vibrations		Kelly, Graham	McGraw Hill	9780070340411
ENT 417	Engineering Design	3 <sup>rd</sup>	Dieter, G. E.	McGraw Hill	0073661368
ENT 418	Control Systems Engineering	5 <sup>th</sup>	Nise, Norman	Wiley	9780471794752
ENT 497	Tools & Tactics of Design		Dominick, Peter, et al	Wiley & Sons	0-471-3864-8-0
ENT 498	Tools & Tactics of Design		Dominick, Peter, et al	Wiley & Sons	0-471-3864-8-0