

College of Engineering Summer Textbook Master List

Course No. & Professor	CRN #	Title of Text and/or Materials	Edition	New or Update	Author	ISBN. No.	Publisher & Pub. Date	Est. Enroll
ME 200	12266	Fundamentals of Engineering Thermodynamics (For low-cost alternatives for this book, visit http://www.wiley.com/college/wileyflex/)	6 th		M.J. Moran H.N. Shapiro	0-471-78735-3 Binder Version ISBN# 978-0470-87456-1	Wiley	140
ME 270	12267	Basic Mechanics: Statics & Dynamics Second Custom Edition for Purdue University			Hibbeler, R.C.	0-558-81239-2	Pearson-Prentice Hall	120
ME 274	12268	Class Notes						
ME 285	12269	No Text Required						
ME 286	12270	No Text Required						
ME 287	12271	No Text Required						
ME 288	12272	No Text Required						
ME 289	12273	No Text Required						
ME 297	12274	No Text Required						
ME 352	12275	Theory of Machines and Mechanisms	4 th		Jicker, Pennock, Shigley	9780195371239	Oxford Univ Press	60
ME 396	12280	No Text Required						
ME 463	12281	No Text Required						
ME 497	16832	No Text Required						
ME 597	12291	No Text Required						
ME 696	12295	No Text Required						
ME 698	12296	No Text Required						
ME 699	12327	No Text Required						

College of Engineering Fall Textbook Master List

School of Mechanical Engineering
Fall Semester 2011

Contact Person: Helen Kendig
Phone: 494-5689

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ME 200 John Abraham	22487 22488 22489 22490 37993	Fundamentals of Engineering Thermodynamics (For low-cost alternatives for this book, visit http://www.wiley.com/college/wileyflex/)	7 th	New	M.J. Moran H.N. Shapiro	978-0-470-49590-2	Wiley	600
ME 263 Anderson	22497- 22498	The Mechanical Design Process	4 th		Ullman, David G.	0072975741	McGraw-Hill (2010)	125
ME 270	22505- 22508 & 43443	Class Notes						630
ME 274	22509	Class Notes						140
ME 290 Atkinson	22515	The Post-American World (hardcover)		New	Zakaria, Fareed	978-0-393-08180-0	W. W. Norton & Co. (Release 2.0, June '10)	185
ME 29199	52863	No Text Required						
ME 29299	52867	No Text Required						
ME 297		No Text Required						
ME 297A	22519	No Text Required						
ME 297F	22520	No Text Required						
ME 297G	22521	No Text Required						
ME 297H	54825	Inviting Disaster The Big Short: Inside the Doomsday Machine (Paperback version)		New New	Chiles, James R. Lewis, Michael	0-06-662082-1 978-0-393-33882-9	Harper-Collins Publishers, 2002 W. W. Norton & Company (Feb. 2011)	30
ME 297T	22597	No Text Required						
ME 297W	22593	No Text Required						
ME 300	22599 22600	Fundamentals of Engineering Thermodynamics (For low-cost alternatives for this book, visit http://www.wiley.com/college/wileyflex/)	6 th		M.J. Moran H.N. Shapiro	0-471-78735-3 Binder Version ISBN# 978-0470-87456-1	Wiley	135
ME 309	22602 22603 22604	Introduction to Fluid Mechanics (For low-cost alternatives for this book, visit http://www.wiley.com/college/wileyflex/)	8 th	New	Fox, McDonald, Pritchard	978-0-470-54755-7	Wiley (Nov. 2010)	280

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ME 315	22689 22690 22691	Fundamentals of Heat & Mass Transfer (For low-cost alternatives for this book, visit http://www.wiley.com/college/wileyflex/)	7 th	New	Incropera, DeWitt, Bergman, & Lavine	978-0-470-50197-9	Wiley (April 2011)	190
ME 323	22709 22710 22711	Mechanics of Materials E-book Buy Online www.wiley.com/go/engineeringvalue	3 rd	New	Craig, Roy R.		Wiley	250
ME 352	22712 22713	Theory of Machines and Mechanisms	4 th		Uicker, Pennock, Shigley	9780195371239	Oxford Univ Press	125
ME 363 Shin	22723	Manufacturing Engineering and Technology	6 th		Kalpajian, Serope Schmid, Steven	0-13-608168-1	Prentice Hall (2009)	30
ME 365	22727 22728 22729	Class Notes						240
ME 375 P. Meckl	22742 22743	System Dynamics	2 nd		William J. Palm III	0073529273	McGraw-Hill (2010)	130
ME 38199	52870	No Text Required						
ME 38299	52871	No Text Required						
ME 38399	52872	No Text Required						
ME 39399	52866	No Text Required						
ME 39499	52868	No Text Required						
ME 39599	52869	No Text Required						
ME 396	22744	No Text Required						
ME 430	51583	Powerplant Technology	1 st		M. M. El-Wakil	ISBN 13: 9780072871029	McGraw-Hill (2002) (paperback)	30
ME 433 Heather Cooper	22746	No Text Required						
ME 444 Ramani	22747	No Text Required						
ME 452 Starkey	22750 22751	Shigley's Mechanical Engineering Design	9 th		Budynas, Richard G. & Nisbett, J. Keith	978-0-07-352928-8	Mc Graw Hill (2011)	120
ME 455 (497V)	47994	No Text Required						
ME 463	22752 44149 44151	No Text Required						200
ME 475 P. Meckl	22758	Feedback Control of Dynamic Systems Class Notes	6 th		Franklin, Gene; Powell, J.D.; Enmani-Naeini, Abbas	0136019692	Prentice Hall (2009)	65

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ME 497 Atkinson	49422	No Text Required						
ME 497G Chiu	35157	No Text Required						
ME 497W		No Text Required						
ME 497Z		No Text Required						
ME 497		No Text Required						
ME 501	51584	Statistical Thermodynamics: Fundamentals and Applications	1 st		Laurendeau, N. M.	0-521-84635-8	Cambridge University Press (2005)	20
ME 505	22782	Fundamentals of Heat & Mass Transfer (For low-cost alternatives for this book, visit http://www.wiley.com/college/wileyflex/)	7 th	New	Incropera, DeWitt, Bergman, & Lavine	978-0-470-50197-9	Wiley (April 2011)	65
ME 509	44072	Incompressible Flow	3 rd		Panton, Ronald L.	978-0-471-26122-3	Wiley (2005)	35
ME 513	49142	Fundamentals of Acoustics	4 th		Kinsler, Frey, Coppens & Sanders	0-471-84789-5	Wiley (1999)	35
ME 518	51585	No Text Required						
ME 526	51586	No Text Required						
ME 554 McNett	37734	No Text Required						
ME 557	22787	Engineering Design	3 rd		Dieter	0-07-366136-8	McGraw-Hill	30
ME 563	22792	Mechanical Vibrations	5 th	New	Rao, Singiresu	9780132128193	Prentice Hall	40
ME 570	51393	Advanced Mechanics of Materials and Applied Elasticity	5 th	New	A.C. Ugural S.K. Fenster	9780137079209	Prentice Hall	
ME 573	37412	See CS 535						
ME 575	22795	Control System Design			Goodwin, Graebe, Salgado	0-13-958653-9	Prentice Hall (2001)	40
ME 579	49306	Fundamentals of Signal Processing for Sound Vibration Engineers	1 st		Shin, Kihong Hammond, Prof. Joseph	978-0-470-51188-6	Wiley (2008)	40
ME 580	22798	Nonlinear Oscillations Suggested Reference: Nonlinear Ordinary Differential Eqs.	(pbk) 4th		Nayfeh, Mook Jordan, Smith	0-471-12142-8 0-19-920825-5	Wiley (1977) Claredon Press (2007)	30
ME 581	44095	A Friendly Introduction to Numerical Analysis	1 nd		Bradie, Brian	130130540	Prentice Hall, 2006	80
ME 585	51589	No Text Required						
ME 586 P. Meckl	22801	Programming the Motorola M68HC12 Family			Doughman	0-929392-67-1	Annabooks (2000)	30

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ME 587		Introduction to Optics	3 rd		Frank L Pedrotti Leno M Pedrotti Leno S Pedrotti	0-13-149933-5	Prentice Hall (2006/07)	25
ME 597 Sustain Enrgy Opt	51593	Alternative Energy Systems & Applications			Hodge, B.K.	978-0-470-14250-9	Wiley (2010)	40
ME 597 Mech Mems & Nems	51592	No Text Required						
ME 597N (ABE 591) Ivantysynova	22813	Hydrostatic Pumps and Motors Class Notes	1 st		Jarsolav Ivantysyn & Monika	81-85522-16-2	Akademia Books International New Dehli INDIA booksales@bol.net.in	40
ME 597 Intro to Cont. Physics & Appl. Math	54049	Advanced Engineering Mathematics (Book is recommended, but not required)	2 nd	New	Greenberg, Michael	978-0-133-21431-4	Pearson 1998	30
ME 597 Wind Energy	51590	No Text Required						
ME 597 Particle Powder&Compact Char	51594	No Text Required						
ME 597 Sustainabl Dsgn & Manufac	51717	No Text Required						
ME 597 Biomed Fluid Dynamics	53117	No Text Required						
ME 597 Grad Seminar	22814	No Text Required						
ME 611 Frankel	22818	Turbulent Flows			Pope, Stephen B.	0521598869	Cambridge University Press (2000)	35
ME 612	37737	No Text Required						
ME 615	51362	No Text Required						
ME 625	51595	No Text Required						
ME 640	51396	Sound and Structural Vibration	2 nd	New	Fahy, Frank and Gardonio, Paolo	978-0-12-373633-8	Elsevier 2007	35
ME 677	51596	Nonlinear Systems	3 rd		Khalil, H. K.	0130673897	Prentice-Hall, Inc. (2002)	

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ME 696	22823	No Text Required						
ME 697 Combust Energetic Mats	51597	No Text Required						
ME 698	22826	No Text Required						
ME 699	22867	No Text Required						