

Department of Mechanical Engineering

Master Textbook List

Last Update: 02-Oct-2011

Course Code	Course Title	Title	Author (s)	Edition	ISBN
MEEG201	Engineering Statics	Vector Mechanics for Engineers: Statics	Beer and Johnston	9	978-007-131107-6
MEEG221	MATLAB	MATLAB : An Introduction with Applications	Gilat	3	978-0-470-10877-2
MEEG325	Engineering Dynamics	Vector Mechanics for Engineers: Dynamics	Beer and Johnston	8 (SI) 9 (SI)	978-007-126872-1 978-007-1311083
MEEG334	Materials Science	Materials Science and Engineering: An Introduction	Callister & Rethwisch	7	13: 978-0-471-73696-7
MEEG344	Mechanics of Materials	Mechanics of Materials, SI Version	Callister & Rethwisch	8	9780470505861
MEEG344	Mechanics of Materials	Mechanics of Materials, SI Version	Beer and Johnston	5 (SI)	978-007-128422-6
MEEG345	Intro to Manufacturing Process	Manufacturing Processes and Materials (hardcover)	Schrader/Elshennawy	4	13:978-0831132026
MEEG354	Fluid Mechanics	Machinery's Handbook	?		0831127007
MEEG354	Fluid Mechanics	Fundamentals of Fluid Mechanics	Munson	6	978-0-470-39881-4
MEEG365	Thermodynamics	Thermodynamics: An Engineering Approach	Cengel	6 (SI) 7	978-007-125771-8 978-007-131111-3
MEEG374	Machine Design	Mechanical Engineering Design	Budynas & Nisbett	8	978-007-125763-3
MEEG376	Basic & Core Measurement Lab	Experimental Methods for Engineers	HP Holman	7	0-07-118165-2
MEEG384	Feedback Control	Modeling and Analysis of Dynamic Systems	Close & Frederick	3	0-471-39442-4
MEEG394	Heat Transfer	Fundamentals of Heat and Mass Transfer	Incropera	6	978-0-471-45728-2
MEEG404	Computer Aided Engineering	Applied Finite Element Analysis	Seegerlind	2	0-471-80662-5
MEEG444	Vibration	Engineering Vibration	Inman	3	13: 978-0-13-136311-3
MEEG459	TurboMachinery	Fundamentals of Turbomachinery	W. Peng		9780470124222
MEEG302	Fluid Mechanics and Heat Transfer	Fundamentals of Thermal-Fluid Sciences	Cengel & Turner	2	13 9780072976755
MEEG401	Engineering Analysis	Advanced Engineering Mathematics, International Student Ed	O'Neil	?	0495082376
MEEG409	Combustion Engineering	An Introduction to combustion: Concepts and Applications with Software	Turn	2	0071169105
MEEG412	Polymer Engineering	Polymetric Material	Ehrenstein	1	3446214615
MEEG439	Machine Dynamics	Design of Machinery: An Introduction to the Synthesis and Analysis of Mechanisms and Machines	Norton	3	0071236716
MEEG441	Mechatronics	Introduction to Mechatronics	Alciatore	3	0071254072
MEEG454	Refrigeration and Cryogenics	Thermal Environmental Engineering	Kuehn	3	0139172203
MEEG479	Engineering Project Management	Heating, ventilation, and air conditioning Project Management	McQuiston et al. Gray	6 5	0471470155 978-007-1289290
MEEG446	Pressure Vessel Design	Pressure Vesel Design: The Direct Route Pressure Vessel Design And Practise	? Chattopadhyay	? 1	0080449506 0849313694
MEEG480	Renewable Energy	Fundamental of Renewable Energy Processes	aldo da rosa	2	978-0-12-3746639-9
MEEG485	Intro to Robotics	Introduction to Robotic: Mechanics and Control	Craig	3	0131236296
STPS	Steps	Graphics Comm. For Engineering	G. Bertoline	4	9780071284271
MEEG501	Advanced Mechanical Engineering Analysis	Introduction to Applied Mathematics	Gilbert Strang		13: 9780961408800
MEEG503	Applied Numerical Methods	Applied Numerical Analysis An Introduction to Numerical Methods and Analysis	Curtis F. Gerald Epperson	7 revised	978-0321133045 978-0470-04963-1
MEEG504	Continuum Mechanics	Continuum Mechanics for Emgineers (publish by CRC)	Mase/Smelser	3	978-1-4200-8538-9
MEEG506	Project management	Project Management in Practice	Mantel	3	9780470121641
MEEG536/438	Measurement and Instrumentation	Theory and Design for Mechanical Measurements	Figliola	4	9780471445937
MEEG551	Corrosion	Corrosion Science and Technology	Talbot	1	0849382246
MEEG561	Viscous and Thin Shear Flows	Viscous fluid flow	Frank M White	3	9780071244930
MEEG565	Computational Fluid Mechanics	An Introduction to Computation of Fluid Dynamics	H K Versteeg	2	9780131274983
MEEG566	Multiphase Flow Engineering	Fundamentals of Multiphase Flow	Brennen	1	13 978-0-521-84804-6
MEEG528	Advance Vibration	Mechanical Vibrations Vibration Fundamentals and Practice	Rao De Silva	4 2	0131207687 9780849319877
MEEG5**	Computer Aided Design	Finite Element Analysis Theory and Applicant with ANSYS	Moaveni	3	0132416511
MEEG5**	Engineering Cost Accounting & Economics	Engineering Economic Analysis	Donal Newnan	10	9780195366433
**		Renewable Energy: Technology, Economics and Environment	Kaltschmit		978-3-540-70947-3
HSE401/501		Occupational Safety and Health for Technologists, Engineer and Managers	Goetsch/David L	7	10: 0-13-254708-2
HSEG405/505	System Safety Engineering	System Safety Engineering and Risk Assessment: A Practical Approach	Bahr	1	9781560324164
HSEG506	Fire Protection Engineering	20th edition of the Fire Protection Handbook (edited by Coté, 2008) (2 volume set + CD)			978-087765758-3
HSEG513	Analysis and Design of Air Pollution Control Systems	Particles in Our Air: Exposures and Health Effects [Paperback].	Spengler		978-0674240773