

UK College Of Engineering - Paducah Campus
2019 FALL Textbook List

Course	Title	Author	ED	Publisher	ISBN#	Instructor
A&S 300-202 <i>Physical Chemistry for Engineers</i>	TBA					TBA
CME 006-010 <i>The Engineering Profession</i>	NO TEXT REQUIRED					Englert
CME 200-010 <i>Process Principles</i>	Elementary Principles of Chemical Processes WileyPlus Card **We suggest ordering directly from Wiley through the WileyPlus link in Canvas. However, you are welcome to purchase other versions of the 4th edition, but the WileyPlus registration code will be required as well. The code costs more than the text, so don't try to purchase separately!**	Felder, Rousseau, Bullard	4th	Wiley		Silverstein
CME 330-010 <i>Fluid Mechanics</i>	Fundamentals of Fluid Mechanics **Wiley access code will be required**	Munson, Okiishi Huebsch, Rothmayer	7th	Wiley	978-1118116135	Englert
CME 415-010 <i>Separation Processes</i>	Separation Process Engineering: Includes Mass Transfer Analysis	Phillip C. Wankat	4th	Prentice Hall	978-0133443653	Hwang
CME 433-010 <i>Chemical Engineering Lab II</i>	NO TEXT REQUIRED					Seay/ Englert/ Lamas
CME 455-010 <i>CME Process Design I</i>	Principles of Engineering Economic Analysis **Must buy the paper copy (electronic copy is <u>not</u> acceptable)**	White, Case, Pratt	6th	Wiley	978-1-118-43342-3	Seay
CME 470-010 <i>Professionalism, Ethics & Safety</i>	Chemical Process Safety: Fundamentals with Applications	Daniel Crowl Joseph Louvar	3rd	Prentice Hall	978-0131382268	Lamas
CME 550-010 <i>Chemical Reactor Design</i>	Elements of Chemical Reaction Engineering	H. Scott Fogler	5th	Prentice Hall	978-0133887518	Hwang
EE 305-010 <i>Electrical Circuits and Electronics</i>	NO TEXT REQUIRED					Taveras
EGR 101-025 <i>Engineering Exploration I</i>	Engineering Fundamentals **Digital Copy only** **Students will be given instructions on how to access this book on the first day of class**					Markutsya/ Lamas
EGR 102-016 <i>Fundamentals of Engr. Computing</i>	Fundamentals of Engineering Computing **This is an eBook that will be purchased through your Canvas account. There is no hard copy option.** **Students will be given instructions on how to access this book on the first day of class**					Maddox/ Lamas
EGR 175-010 <i>Academic Success</i>	CliftonStrengths For Students **Must buy a new copy of the book (not used) because the access code that comes with a new book is required.**	Don Clifton	1st	Gallup	978-1-59562-125-2	McIntosh
EM 302-010 <i>Mechanics of Deformable Solids</i>	Mechanics of Materials	Beer, Johnston, DeWolf, and Mazurek	8th	McGraw-Hill	978-1260113273	Baker
EM 313-010 <i>Dynamics</i>	Engineering Mechanics: Dynamics	J.L. Meriam L.G. Kraige J.N. Bolton	8th or 9th	Wiley	8th Edition: 978-1-118-88584-0	Ghimire
MA 322-010 <i>Matrix Algebra</i>	Linear Algebra and Its Applications	David C. Lay Steven R. Lay Judi J. McDonald	5th	Pearson	978-0321982384	Lu
ME 311-010 <i>Engineering Experimentation II</i>	Design and Analysis of Experiments	Douglas Montgomery	7th	Wiley	987-0-470-12866-4	Markutsya
ME 321-010 <i>Engineering Thermodynamics II</i>	Thermodynamics: An Engineering Approach	Cengel, Boles	8th	McGraw-Hill	978-0073398174	Maddox
ME 330-010 <i>Fluid Mechanics</i>	Fundamentals of Fluid Mechanics	B.R. Munson T.H. Okiishii W.W. Huebsch A.P. Rothmayer	7th or 8th	Wiley	7th Edition: 978-1-118-11613-5	Ghimire
ME 411-010 <i>Senior Capstone Design I</i>	Engineering Design	Dieter, Schmidt	5th	McGraw-Hill	978-0073398143	Baker/Lu
ME 440-010 <i>Design of Control Systems</i>	Control Systems Engineering	Norman S. Nise	7th	Wiley	978-1-118-17051-9	Markutsya
ME 501-010 <i>Mechanical Design</i>	A First Course in the Finite Element Method	Daryl L. Logan	5th	Cengage Learning	ISBN-10: 0534552986	Lu

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<i>with Finite Element Methods</i>						
ME 513-201 <i>Mechanical Vibrations</i>	Engineering Vibration	Daniel J. Inman	4th	Pearson	978-0132871693	Baker