UK College Of Engineering - Paducah Campus

2020 FALL Textbook List

Course	Title	Author	ED	Publisher	ISBN#	Instructor
A&S 300-202 *Physical Chemistry for Engineers*	**TBA**					**TBA**
CME 006-010 *The Engineering Profession*	**NO TEXT REQUIRED**					**Lamas**
CME 200-010 *Process Principles*	**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 *Fluid Mechanics*	**Fundamentals of Fluid Mechanics** ***Wiley access code will be required***	**Munson, Okiishi Huebsch, Rothmayer**	**7th**	**Wiley**	**978-1118116135**	**Ghimire**
CME 415-010 *Separation Processes*	**Separation Process Engineering: Includes Mass Transfer Analysis**	**Phillip C. Wankat**	**4th**	**Prentice Hall**	**978-0133443653**	**Hwang**
CME 433-010 *Chemical Engineering Lab II*	**NO TEXT REQUIRED**					**Seay/ Silverstein/ Lamas**
CME 455-010 *CME Process Design 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 *Professionalism, Ethics & Safety*	**Chemical Process Safety: Fundamentals with Applications**	**Daniel Crowl Joseph Louvar**	**3rd**	**Prentice Hall**	**978-0131382268**	**Lamas**
CME 550-010 *Chemical Reactor Design*	**Elements of Chemical Reaction Engineering**	**H. Scott Fogler**	**5th**	**Prentice Hall**	**978-0133887518**	**Hwang**
CME 599-010 *Introduction to Biofilms*	**NO TEXT REQUIRED** ***This class contains Lab Simulations that will be purchased through your Canvas account. There is no hard copy option.*** ***Students will be given instructions on how to access the lab on the first day of class***					**Lamas**
EE 305-010 *Electrical Circuits and Electronics*	**NO TEXT REQUIRED**					**Taveras**
EGR 101-022 *Engineering Exploration I*	**Engineering Fundamentals** ***Digital Copy only*** ***Students will be given instructions on how to access this book on the first day of class***					**Lamas**
EGR 102-016 *Fundamentals of Engr. Computing*	**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***					**Seay**
EGR 175-010 *Academic Success*	**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 *Mechanics of Deformable Solids*	**Mechanics of Materials**	**Beer, Johnston, DeWolf, and Mazurek**	**8th**	**McGraw-Hill**	**978-1260113273**	**Baker**
EM 313-010 *Dynamics*	**Engineering Mechanics: Dynamics**	**Russell C. Hibbeler**	**14th**	**Pearson**	**978-0133915389**	**Ghimire**
MA 322-010 *Matrix Algebra*	**Linear Algebra and Its Applications**	**David C. Lay Steven R. Lay Judi J. McDonald**	**5th**	**Pearson**	**978-0321982384**	**Lu**
ME 311-010 *Engineering Experimentation II*	**Design and Analysis of Experiments**	**Douglas Montgomery**	**7th**	**Wiley**	**987-0-470-12866-4**	**Markutsya**
ME 321-010 *Engineering Thermodynamics II*	**Thermodynamics: An Engineering Approach**	**Cengal, Boles**	**8th**	**McGraw-Hill**	**978-0073398174**	**Maddox**
ME 330-010 *Fluid Mechanics*	**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 *Senior Capstone Design I*	**Engineering Design**	**Dieter, Schmidt**	**5th**	**McGraw-Hill**	**978-0073398143**	**Maddox/ Ghimire**
ME 440-010 *Design of Control Systems*	**Control Systems Engineering**	**Norman S. Nise**	**7th**	**Wiley**	**978-1-118-17051-9**	**Markutsya**
ME 501-010 *Mechanical Design with Finite Element Methods*	**A First Course in the Finite Element Method**	**Daryl L. Logan**	**5th**	**Cengage Learning**	**ISBN-10: 0534552986**	**Lu**
ME 513-201 *Mechanical Vibrations*	**Engineering Vibration**	**Daniel J. Inman**	**4th**	**Pearson**	**978-0132871693**	**Baker**