

Course ID	Course Name	Instructor	Textbook title	Author(s)	Edition	ISBN
ENGR 101	Introduction to Engineering	Kessler	To Engineer is Human	Petrosky	-	978-0679734161
			Stuff Matters: Exploring the Marvelous Materials	Miodownik	1st	978-0544483941
			The Emerald Mile: The Epic Story	Fedarko	1st	978-1439159866
CIVE 127	Engineering Drawing for Civil	Krohn	A Practical Guide to AutoCAD Civil 3D 2020	Ellis	1st	978-1934865446
ENGR 125	CAD & Fabrication	Bevill/Kliska/Penick	Intro. to Solid Modeling Using SW2019	Howard & Musto	15th	978-1260113303
CIVE 212	Intro to Geomatics	Krohn	No textbook required	-	-	-
EECE 225	Intro to Circuits & Electronics	Mellenthin	Fundamentals of Electric Circuits	Alexander	6th	978-0078028229
EECE 396	Topics EECE	Mellenthin	No textbook required	-	-	-
ENGR 224	Materials Science	Kessler/Lanci	Metals Handbook Desk Edition	Davis	2nd	978-0871706546
ENGR 225	Introduction to Manufacturing	Lanci	Metals Handbook Desk Edition	Davis	2nd	978-0871706546
ENGR 261	Statics & Structures	Krohn	Engineering Mechanics: Statics	Meriam & Kraige	7th	978-0470614730
ENGR 263	Mechanics of Solids	Kessler	Mechanics of Materials	Hibbeler	10th	978-0134319650
STAT 305	Stats & Quality Control for Engr.	Ott	Probability & Statistics for Eng. & Sciences	Devore	9th	978-1305251809
ENGR 305	Eng. Economics & Ethics	Lanci	Engineering Ethics: Concepts and Cases	Harris, Pritchard & Rabins	5th	978-1133934684
			Engineering Economic Analysis (with CD)	Newnan	12th	978-0199339273
ENGR 312	Engineering Thermodynamics	Penick	Thermodynamics	Cengel & Boles	-	D2L Link
ENGR 321	Fluid Mechanics	Penick	Applied Fluid Mechanics	Mott & Untener	-	D2L Link
ENGR 343	Dynamics	Bevill	Engineering Mechanics: Dynamics	Hibbeler	13th	978-0132911276
ENGR 345	Engineering Integration I	Bevill	OPTIONAL: Mechanical Design Process	Ullman	5th	978-0073398266
ENGR 401	Professionalism Seminar	Lanci	No textbook required	-	-	-
ENGR 427	Engineering Measurements	Bevill	OPTIONAL: Theory & Design for Mech. Meas,	Figliola & Beasley	5th	978-0470547410
ENGR 445	ME Design Project 1	Penick	No textbook required	-	-	-
ENGR 455	Fluid Power Systems	Penick	Fluid Power Systems (with CD)	Klette	2nd	978-0826936349
CSCI 112	Data Structures	Payne	C++ - Program Design Including Data Structures	Malik	8th	978-81337117562
ECEN 2310	Programming with Math. Software	Mellenthin	No textbook required	-	-	-
ECEN 2370	Embedded Software Engineering	Graham	Making Embedded Systems	White	-	978-1449302146
			The Unwritten Laws of Engineering	Skakoon	-	978-0791801628 or link(*)
ECEN 3250	Microelectronics	Affrunti	Microelectronic Circuits with Lab Manual	Sedra & Smith	8th	978-0197536612 or 978-0197536629
ECEN 3350	Programming Digital Systems	Wustrow	Contact Instructor	-	-	-
CVEN 3246	Intro to Construction	Techera	Construction Management Fundamentals	Knutson & others	2nd	978-0073401041
CVEN 3414	Fund. of Environmental Eng.	Sholtes K.	Introduction to Environmental Engineering	Davis & Cornwell	5th	978-0073401140
CVEN 3525	Structural Analysis	Techera	Contact Instructor	-	-	-
CVEN 3602	Transportation	Sholtes K.	Principles of Highway Engineering and Traffic Analysis	Mannering & Washburn	7th	978-1119493969
CVEN 3708	Geotechnical Eng. 1	Sholtes K.	An Introduction to Geotechnical Engineering	Holtz, Kovacs & Sheahan	2nd	978-0132496346
CVEN 4333	Hydrology	Sholtes J.	Hydrology and Floodplain Analysis	Bedient & Huber	6th	978-0134751979
CVEN 4545	Steel Design	Techera	Contact Instructor	-	-	-
CVEN 4837	GIS for Civil & Environ. Systems	Sholtes J.	Mastering ArcGIS Pro	Price	1st	978-1260587333
CVEN 4897	Professional Issues	Sholtes J.	No textbook required	-	-	-
MCEN 2000	Professionalism Seminar	McNeill	No textbook required	-	-	-
MCEN 3012	Thermodynamics 1	Mitrano	Online Text will be available the 1st day of classes	-	-	-
MCEN 3017	Circuits and Electronics	Affrunti	Electrical Eng: Princ & Applic w Mastering Eng.	Hambley	7th	978-0134680613 or 978-0134680620
			Exper. in Elec. Fund. & Elec Circuits Fund. (Lab Manual)	Buchla	8th	978-0135063279
MCEN 3021	Fluid Mechanics	Mitrano	Munson, Young and Okiishi's Fund. of Fluid Mech.	Gerhart, Gerhart & Hochstein	8/7/6th	978-1119080701
MCEN 3030	Computational Methods	Castro	Num. Methods for Engineers and Scientists	Gilat & Subramaniam	3rd	978-1118554937
MCEN 4026	Manufacturing Processes	Tsai	OPTIONAL: Fundamentals of Modern Manufacturing Enhanced e-Text w/Abridged Print Companion	Groover	7th	978-1119592792
MCEN 4043	System Dynamics	Castro	System Dynamics	Palm III	3rd	978-0073398068
MCEN 4045	ME Design Project 1	McNeill	No textbook required	-	-	-
MCEN 4123	Vibration Analysis	Castro	System Dynamics (Same as MCEN4043)	Palm III	3rd	978-0073398068