

Course ID	Course Name	Instructor	Textbook title	Author(s)	Edition	ISBN
CIVE 127	Engineering Drawing for Civil	Krohn	Autodesk Civil 2021 Fundamentals	Ascent	1st	978-1630573430
ENGR 125	CAD & Fabrication	Staff/Penick	Intro. to Solid Modeling Using SW2019	Howard & Musto	15th	978-1259968020
ENGR 140	1st-Year Engineering Project	Lanci/Penick/Sholtes	No textbook required	-	-	-
CIVE 212	Intro to Geomatics	Krohn	No textbook required	-	-	-
CIVE 313	Theoretical Fluid Mechanics	Krohn	Fund. of Fluid Mech. Wiley Plus Card	Munson	8th	978-1119499220
EECE 226	Circuits as Systems	Mellenthin	Design with OPAMP & Analog Int. Cir	Franco	4th	978-0078028168
			Fundamentals of Electric Circuits	Alexander	6th	978-0078028229
EECE 227	Electronics Design Laboratory	Mellenthin	Exper. Manual for Contemp. Elec.	Frenzel	1st	978-0077520878
			First Lab in Circ. & Elec.	Tsividis	1st	978-0471386957
EECE 235	Digital Logic	Mellenthin	Fund. Of Digital Logic w/ Verilog Design	Brown	3rd	978-0073380544
ENGR 224	Materials Science	Kessler/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
ENGR 317	Fund. of Cir. & Elec.	Mellenthin	Fund. of Electric Circuits	Alexander	6th	978-0078028229
ENGR 317	Fund. of Cir. & Elec. Laboratory	Mellenthin	Exp. Manual for Contemp. Elec.	Frenzel	1st	978-0077520878
ENGR 325	Component Design	Kessler	Machine Design Norton	Norton	5th	978-0133356717
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 353	Entrepreneurship Opportunities	Joufflas	ExEC Digital Textbook	Wilcox	1st	978-0692946084
ENGR 396	Lean Principles	Penick	Lean Production Simplified	Dennis	1st	978-1498708883
ENGR 425	Advanced Manufacturing	Lanci	The Goal: A Process of Ongoing Improv.	Goldratt	1st	978-0884271956
ENGR 435	Industrial Controls	Penick	Required-Digital Download: Programmable Logic Controllers	Petruzella	1st	978-1264880119
			Optional-Loose Leaf: Programmable Logic Controllers	Petruzella	1st	978-1260611731
ENGR 446	Writing for Design Projects	Lanci	Engineering Communication Manual	House	1st	978-0199339105
ENGR 485	ME Design Project 2	Penick	No textbook required	-	-	-
ENGR 455	Fluid Power Systems	Penick	Fluid Power Systems (with CD)	Klette	2nd	978-0826936349
CVEN 3227	Probability and Statistics	J. Sholtes	Probability Concepts in Engineering	Ang & Tang	2nd	978-0471720645
CVEN 3256	Construction Equipment and Methods	Techera	Construction Plan.Equip. & Methods	Peurifoy	9th	978-1260108804
CVEN 3323	Hydraulic Engineering	J. Sholtes	Fundamentals of Hydraulic Engineering Systems	Houghtalen, Akan & Hwang	5th	978-0134292380
CVEN 3424	Water and Wastewater Treatment	K. Sholtes	TBD	-	-	-
ECEN 3300	Linear Systems	CU Staff	TBD	-	-	-
ECEN 3810	Introduction to Probability Theory	J. Sholtes	Probability Concepts in Engineering	Ang & Tang	2nd	978-0471720645
ECEN 3593	Computer Organization	Chaudhary	Computer Organization and Design RISC-V Edition	Patterson & Hennessy	1st	978-0128122761 or 978-0128122754
ECEN 3753	Real-Time Operating Systems	Chaudhary	TBD	-	-	-
MCEN 3012	Thermodynamics	K. Sholtes	TBD	-	-	-
MCEN 3022	Heat Transfer	Mitrano	Recommended: Fund. of Heat and Mass Transfer	Bergman	8, 7 or 6th	-
MCEN 3025	Component Design	Castro	Machine Design	Norton	5th	978-0133356717
MCEN 3030	Computational Methods	Castro	Num. Methods for Engineers and Scientists	Gilat & Subramaniam	3rd	978-1118554937
MCEN 3032	Thermodynamics 2	McNeill	Thermodynamics: An Engineering Approach	Cengel, Boles & Kanoglu	9th	978-1259822674
MCEN 3047	Data Analysis and Exp. Methods	Mitrano	Statistics for Engineers & Scientists	Navidi	4th	978-0073401331
CVEN 4555	Reinforced Concrete Design	Techera	Reinforced Concrete Design	Aghayere	9th	978-0134715353
CVEN 4836	Special Topics: Building Info Model.	Techera	No textbook required	-	-	-
CVEN 4899	CE Senior Design Project	J. Sholtes	No textbook required	-	-	-
MCEN 4085	ME Design Project 2	McNeill	No textbook required	-	-	-
MCEN 4086	Writing for Design Projects	Lanci	Engineering Communication Manual	House	1st	978-0199339105
MCEN 4173	Finite Element Analysis	Castro	Introduction to FEA Using SW Simulations 2020	Shih	-	978-1630573249
MCEN 4228	Special Topics in ME: Mechatronics	Affrunti	Mechatronics	Bolton	6th	978-1292076683

Please contact instructors for questions or courses not included.

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