

Engineering Technology 2019-2020

Electro-Mechanical Option

Fall

Year 1	ET-100	Introduction to Engineering Technology	3
	EN-111	English Composition I	3
	MA-115	Pre-Calculus Algebra and Trigonometry	4
	CH-111	General Chemistry	4
	FYE	First Year Experience	1

Year 2	ET-210	Electricity/Electronics Fundamentals and Green Energy	4
	ET-220	Digital Electronics	3
	MA-121	Calculus for Business and Life Sciences I	3
	PH-241	General Physics I	4
		Elective	1

Year 3	ET-320	Statics and Strength of Materials	4
	ET-310	Introduction to Solid Modeling	3
	IH-301	Occupational Safety and Health	3
	ET-360	Electrical Circuits and Devices	3
		Elective	1

Year 4	ET-495W	Engineering Technology Capstone	4
	COM-201	Fundamentals of Speech	3
	MA-345	Applied Statistics I	3
	HI-102	Survey of World Civilizations Since 1500	3
		Elective	2

Spring

	ET-150	Computer Aided Drafting and Design	4
	ET-200	Manufacturing Processes	3
	EN -112	English Composition II	3
	HI-101	Survey of World Civilizations To 1500	3
	CS 135	Computer Skills for Problem Solving	3

	CS 155	Computer Science I	3
	ET-370	Economics and Product Design	3
	MA-122	Calculus for Business and Life Sciences II	3
	ET-300	Material Science	3
	PH-242	General Physics II	4

	GenEd	Area II - Fine Arts *	3
	ET-340	Power Transfer Technology	3
	300-400	Elective***	3
	COM-205	Communications in a Global Age	3
		Elective	3

	ET-350	Robotics and Automated Manufacturing	4
	EN-232	Literature of the World II	3
	PHL-205	Ethics	3
	SO-222	Current Social Problems	3
		Elective	1

* EN-231 - Literature of the World I for 2016-2017 Catalog

** ET 495 for earlier Catalogs

*** EN 439W for earlier Catalogs

Please note this plan is subject to change and users should refer to the Undergraduate Catalog for details