

Engineering Technology Course Offering Schedule: 2021 - 2026

C - Classroom / Laboratory (If Applicable), ONL - Online

Course No.	Course Title	Credit Hrs.	Seats	2021 - 2022			2022 - 2023			2023 - 2024			2024 - 2025			2025 - 2026		
				Fa21 .1	Sp22 .2	Su22 .3	Fa22 .1	Sp23 .2	Su23 .3	Fa23 .1	Sp24 .2	Su24 .3	Fa24 .1	Sp25 .2	Su25 .3	Fa25 .1	Sp26 .2	Su26 .3
ENGT 1000	Principles of Engineering	3	20	C	ONL		C	C		C	ONL		C	C		C	ONL	
ENGT 1011 / ET 1010	Applied Electricity (Revised For: Fall 2021)	4	20	ONL	C		C	C		ONL	C		C	C		ONL	C	
ENGT 1027 / ET 1027	AC Circuit Analysis	3	20		C						C						C	
ENGT 1050 / ET 1050	Digital Principles and Applications	3	20	C						C						C		
ENGT 1120	Welding	3	20	C	C			C			C			C			C	
ENGT 1400	Fundamentals of Engineering Design	3	20	C	C		C			C			C		C		C	
ENGT 1500	Orientation to Engineering Technology	3	55	C			C			C			C		C		C	
ENGT 1510	Intro. To Manufacturing Processes	3	20	C			C			C			C		C		C	
ENGT 2040	Engineering Material Science	4	20	C	C		C			C			C		C		C	
ENGT 2048 / ET 2048	Active Electronic Devices	4	20					C						C				
ENGT 2060 / ET 2060	Microprocessors: Theory and Application	4	20	C						C						C		
ENGT 2065 / ET 2065	Computer Programming for Electronics Technology	3	20					C						C				
ENGT 2530	Machine Tool Technology	3	20	C	C			C			C			C			C	
ENGT 2600	Lean Enterprises	3	30	ONL			ONL			ONL			ONL			ONL		
ENGT 3017 / ET 3017	Programmable Logic Controllers	4	20	C			C			C			C			C		
ENGT 3020 / ET 3020	Circuit Analysis and Implementation	3	20					C						C				
ENGT 3023	Engineering Technology Internship (Revised For: Fall 2021)	1	20	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL
ENGT 3200	Energy Production & Transmission	3	20		C						C						C	
ENGT 3400	Manufacturing Design	3	20	C			C			C			C		C		C	
ENGT 3450	Applied Mechanics of Materials for Eng. Technology	3	20		C			C			C			C			C	
ENGT 3510	Project Management for Engineering Technology	3	30	ONL	C		ONL			ONL			ONL			ONL		
ENGT 3520	Engineering Economy	3	20	C	ONL		ONL	ONL		ONL	ONL		ONL	ONL		ONL	ONL	
ENGT 3530	Inspection and Quality Control (* See Below)	3	20	C	C			C			C			C			C	
ENGT 3562	Computer Numerical Control	3	20	C	C			C			C			C			C	
ENGT 3600	Applied Thermodynamics	3	20	C	C		ONL			C			C			C		
ENGT 4000	Special Projects in Engineering Technology	1-6	Varies	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL
ENGT 4110	Eng. Tech. Problem Solving (* See Below)	3	20	C	C		ONL	C		ONL	C		ONL	C		ONL	C	
ENGT 4120	Hydrology & Drain Design	3	20		C						C						C	
ENGT 4140	Soils & Foundation Design	3	20	C						C						C		
ENGT 4150	Concrete & Steel Design (Added: Nov. 2020)	3	20				C						C					
ENGT 4160	Transportation Systems Design	3	20		C						C						C	
ENGT 4180	Water & Wastewater Systems Design (DEAD)	3	20															
ENGT 4221	Manufacturing Problem Solving	3	20		C			C			C			C			C	
ENGT 4500	Mechanical Engineering Design	3	20		C			C			C			C			C	
ENGT 4520	Robotics and Automation	3	20	C			C			C			C			C		
ENGT 4530	Advanced Robotics, Automation, Vision, & Controls	3	20					C						C				
ENGT 4580/5580	Quality Systems Engineering	3	20		C	ONL		ONL	ONL		ONL	ONL		ONL	ONL		ONL	ONL
ENGT 4590	Computer Integrated Manufacturing	3	20		C						C						C	
ENGT 4750	Lean Six Sigma	3	20		C			ONL			ONL			ONL			ONL	
ENGT 4950 / TECH 4950	Seminar in Engineering/Technology Management	3	20					ONL						ONL				

* Email Professor for 100% Online Participation

X	Fa21 .1	Sp22 .2	Su22 .3	Fa22 .1	Sp23 .2	Su23 .3	Fa23 .1	Sp24 .2	Su24 .3	Fa24 .1	Sp25 .2	Su25 .3	Fa25 .1	Sp26 .2	Su26 .3
----------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------