

# Engineering Technology Course Offering Schedule: 2024-2029 - Rev. 1

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

Course No.	Course Title	Credit Hrs.	Seats	2024 - 2025			2025 - 2026			2026 - 2027			2027 - 2028			2028 - 2029		
				Fa24 .1	Sp25 .2	Su25 .3	Fa25 .1	Sp26 .2	Su26 .3	Fa26 .1	Sp27 .2	Su27 .3	Fa27 .1	Sp28 .2	Su28 .3	Fa28 .1	Sp29 .2	Su29 .3
<b>Management Option Classes - 100% Online Every 2 Years</b> [Note: Many of these courses are also taught in the other ENGT options]																		
ENGT 1000	Principles of Engineering (* See Below)	3	20	C	C		C	C*		C	C		C	C*		C	C	
ENGT 1011	Applied Electricity (* See Below)	4	20	C	C		C*	C		C	C		C*	C		C	C	
ENGT 3023	Engineering Technology Internship (Every Semester)	1	20	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	
ENGT 3520	Engineering Economy (* See Below)	3	20	C	ONL		C	C		C	ONL		C	C		C	ONL	
ENGT 4580/5580	Quality Systems Engineering (* See Below)	3	20		C	ONL		C	ONL		C	ONL		C	ONL		C	ONL
ENGT 4110	Eng. Tech. Problem Solving (* See Below)	3	20	C	C		ONL	C		C	C		ONL	C		C	C	
ENGT 2600	Lean Enterprises (* See Below)	3	20	C			C			ONL			C			ONL		
ENGT 3510	Project Management for ENGT (* See Below)	3	20	C			ONL			C			ONL			C		
ENGT 3530	Inspection and Quality Control (* See Below)	3	20		ONL		C	C		C	ONL		C	C		C	ONL	
ENGT 4750	Lean Six Sigma (* See Below)	3	20		C			ONL		C			ONL			C		
ATM/ ENGT 4032	Hydraulics & Pneumatics	3	18		C			C			C			C			C	
CADD 4175	Adv.d 3D Analysis & Rapid Proto. (Dr. Long, SpEven)	3	20					C						C				
CMGT 4310	Construction Safety (Dr. Long, Fa/Sp)	3	20	C	C		C	C		C	C		C	C		C	C	
ENGT 1027	AC Circuit Analysis (Sp.Odd)	3	20		C						C						C	
ENGT 1050	Digital Principles and App. (Fa.Odd)	3	20				C						C					
ENGT 1120	Welding	3	16		C			C			C			C			C	
ENGT 1400	Fundamentals of Engineering Design	3	20	C			C			C			C			C		
ENGT 1500	Orientation to Engineering Technology	3	55	C			C			C			C			C		
ENGT 1510	Intro. To Manufacturing Processes	3	16	C			C			C			C			C		
ENGT 2040	Engineering Material Science	4	16	C			C			C			C			C		
ENGT 2048	Active Electronic Devices (Sp.Odd)	4	20		C						C						C	
ENGT 2060	Microprocessors: Theory and App. (Fa.Even)	3	20	C						C						C		
ENGT 2065	Computer Programming for Elec.Tech. (Sp.Even)	3	20		C				C				C					
ENGT 2530	Machine Tool Technology	3	14	C	C		C	C		C	C		C	C		C	C	
ENGT 3017	Programmable Logic Controllers	4	20	C			C			C			C			C		
ENGT 3020	Circuit Analysis and Implementation (Sp.Odd)	3	20		C						C						C	
ENGT 3200	Energy Production & Tran. (Sp.Even)	3	20					C						C				
ENGT 3400	Manufacturing Design	3	20	C			C			C			C			C		
ENGT 3450	Applied Mechanics of Materials for ENGT	3	20	C			C			C			C			C		
ENGT 3562	Computer Numerical Control (* See Below)	3	18	C	C		C	C		C	C		C	C		C	C	
ENGT 3600	Applied Thermodynamics	3	20	C			C			C			C			C		
ENGT 4000	Special Projects in Engineering Technologoy	1-6	Varies	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	ONL	
ENGT 4120	Hydrology & Drain Design (Sp.Odd)	3	20		C						C						C	
ENGT 4140	Soils & Foundation Design (Fa.Odd)	3	20				C						C					
ENGT 4150	Concrete & Steel Design (Fa.Even)	3	20	C						C						C		
ENGT 4160	Transportation Systems Design (Sp.Even)	3	20					C						C				
<b>ENGT 4180</b>	<b>Water &amp; Wastewater Systems Design (DEAD)</b>	<b>3</b>	<b>20</b>															
ENGT 4221	Manufacturing Problem Solving	3	18		C			C			C			C			C	
ENGT 4500	Mechanical Engineering Design	3	20		C			C			C			C			C	
ENGT 4520/5520	Robotics and Automation (Dr. Long, * See Below)	3	18	C			C			C			C			C		
ENGT 4530	Adv.d Robotics, Auto., V., & Controls (Dr. Long, Sp.Odd)	3	18		C						C						C	
<b>ENGT 4590</b>	<b>Computer Integrated Mfg. (DEAD after Sp24)</b>	<b>3</b>	<b>20</b>															
<b>ENGT 4950</b>	<b>Seminar in ENGT Mgt. (DEAD after Sp24)</b>	<b>3</b>	<b>20</b>															
* Email Professor Before the Class Starts for 100% Online Participation on "C" Offerings (some professors will let you complete the course online during a classroom semester section)				Fa24 .1	Sp25 .2	Su25 .3	Fa25 .1	Sp26 .2	Su26 .3	Fa26 .1	Sp27 .2	Su27 .3	Fa27 .1	Sp28 .2	Su28 .3	Fa28 .1	Sp29 .2	Su29 .3