



**Sample 4 Year Plan
Bachelor of Science
Engineering Technology
Manufacturing Engineering Technology
Concentration**

		Fall Semester		Spring Semester			
First Year	Course Information		Credit Hrs	Course Information		Credit Hrs	
	AP	UNIV 1000 – University Success	1	AP	ENGL 1020 – English Composition II	3	
		ENGT 1200 – Applied Math ENGT TECH or MATH 1730 – Precalculus	3-4		ENGT 1400 – Applied Calculus ENGT TECH or MATH 1810 – Elements of Calculus	3	
		ENGT 1000 – Intro to Engineering Tech	3	AP	History Core	3	
		ENGT 1020 – Computer Aided Design	3		ENGT 2730 – Intro to Solid Modeling	3	
		ENGL 1010 – English Composition I	3	AP	COMM 2045 – Public Speaking	3	
	TOTAL SCH		13-14		TOTAL SCH		15

		Fall Semester		Spring Semester		
Second Year	AP	ENGL 2330 – Topics in World Literature	3	AP	PHYS 2020/2021 – College Physic II w/lab	4
		ENGT 2000 – Manufacturing Processes I	3	AP	MATH 1530 - Statistics	3
		ENGT 2010 – DC Circuits & Applications	3		ENGT 2030 – AC Circuits and Applications	3
	AP	Social and Behavioral Science Core	3	AP	History Core	3
	AP	PHYS 2010/2011 – College Physics I w/lab	4		ENGT 2020 – Robotic Fundamentals	3
	TOTAL SCH		16		TOTAL SCH	

		Fall A Semester		Spring A Semester			
Third Year		ENGT 3000 – Materials Science	3		ENGT 3030 - Thermodynamics	3	
	AP	Social and Behavioral Sciences Core	3	AP	Humanities and Fine Arts Core	3	
		ENGT 3050 – Problem Solving	3		ENGT 3130 – Additive Manufacturing	3	
	TOTAL SCH		9		TOTAL SCH		9
			Fall B Semester		Spring B Semester		
		ENGT 3020 – Statics and Strength of Materials	3		ENGT 4210 – Industrial Automated Systems	3	
		ENGT 3850 – Manufacturing Processes II	3		ENGT 4150 – Programmable Logic Controls	3	
		ENGT 3010 – Engineering Economics	3		ENGT 3650 – Statistical Quality Control	3	
TOTAL SCH		9		TOTAL SCH		9	

		Fall A Semester		Spring A Semester			
Fourth Year		ENGT 3040 – Power Transfer	3		ENGT 4810 – Advanced Manufacturing	3	
		ENGT 3610 – Production Operations Management	3		ENGT 4850 – Computer Integrated Manufacturing	3	
	TOTAL SCH		6		TOTAL SCH		6
			Fall B Semester		Spring B Semester		
	AP	Humanities and Fine Arts Core	3		ENGT 4890 – Manufacturing Capstone	3	
		ENGT Concentration Elective	3		ENGT Concentration Elective	3	
TOTAL SCH		6		TOTAL SCH		6	

*AP designates General Education Core Course to be completed for your degree.

**Bachelor degrees require the completion of 33 upper division (3000 – 4999) credit hours.