



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

	Fall Semester		Spring Semester	
	Course Information	Credit Hrs	Course Information	Credit Hrs
First Year	AP UNIV 1000 – University Success	1	ENGT 2730 – Intro to Solid Modeling	3
	ENGT 1200 – Applied Math for Engineering 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 COMM 2045 – Public Speaking	3
	ENGT 1020 – Computer Aided Design	3	AP ENGL 1020 – English Composition II	3
	AP ENGL 1010 – English Composition I	3	AP History Core	3
	TOTAL SCH	13-14	TOTAL SCH	15

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

	Fall A Semester		Spring A Semester	
	ENGT 3000 – Materials Science	3	ENGT 3030 - Thermodynamics	3
ENGT 3050 – Problem Solving in ENG Tech	3	ENGT 3840 - Dynamics	3	
AP Social and Behavioral Health Sciences Core	3	AP Humanities and Fine Arts Core	3	
TOTAL SCH	9	TOTAL SCH	9	
	Fall B Semester		Spring B Semester	
	ENGT 3010 – Engineering Economics	3	ENGT 4800 – Machine Design	3
ENGT 3020 – Statics & Strengths of Materials	3	ENGT 4730 – Applied Solid Modeling	3	
ENGT Concentration Elective	3	ENGT 4150 – Programmable Logic	3	
TOTAL SCH	9	TOTAL SCH	9	

	Fall A emester		Spring A Semester	
	ENGT 3040 – Power Transfer Technology	3	ENGT Concentration Elective	3
ENGT 4880 – Refrigeration and Power Sysesm	3	ENGT 4895 – Mechanical Capstone	3	
TOTAL SCH	6	TOTAL SCH	6	
	Fall B Semester		Spring B Semester	
	ENGT Concentration Elective	3	AP Humanities and Fine Arts Core	3
ENGT 4710 – Fluid Mechanics	3	ENGT 3880 – Energy Conversion	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.