



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

	Fall Semester		Credit Hrs	Spring Semester		
	AP	Course Information		AP	Course Information	Credit Hrs
<b>First Year</b>	AP	UNIV 1000 – University Success	1		ENGT 2730 – Intro to Solid Modeling	3
	AP	ENGL 1010 – English Composition II	3		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	AP	COMM 2045 – Public Speaking	3
		ENGT 1200 – Applied Mathematics OR MATH 1730 - Precalculus	3-4	AP	ENGL 1020 – English Composition II	3
		<b>TOTAL SCH</b>	<b>13-14</b>		<b>TOTAL SCH</b>	<b>15</b>

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

	Fall A Semester		Credit Hrs	Spring A Semester		
	AP	Course Information		AP	Course Information	Credit Hrs
<b>Third Year</b>		ENGT 3000 – Materials Science	3		ENGT 3030 – Thermodynamics	3
		ENGT 3050 – Problem Solving in ET	3		ENGT 2260 – Microcontrollers	3
		ENGT 2220 – Digital Design I	3	AP	Humanities and Fine Arts Core	3
		<b>TOTAL SCH</b>	<b>9</b>		<b>TOTAL SCH</b>	<b>9</b>
		Fall B Semester	Spring B Semester			
		ENGT 3010 – Engineering Economics	3	AP	Social and Behavioral Science Core	3
	ENGT 3020 – Statics and Strength of Materials	3		ENGT 4210 – Industrial Automated Systems	3	
	ENGT 2250 – Digital Design II	3		ENGT 4150 – Programmable Logic	3	
	<b>TOTAL SCH</b>	<b>9</b>		<b>TOTAL SCH</b>	<b>9</b>	

	Fall A Semester		Credit Hrs	Spring A Semester		
	AP	Course Information		AP	Course Information	Credit Hrs
<b>Fourth Year</b>		ENGT 3040 – Power Transfer Technology	3		ENGT 3290 – Communication Systems	3
		ENGT 2200 – Electronics Fundamentals I	3		ENGT 4840 – Linear Electronics	3
		<b>TOTAL SCH</b>	<b>6</b>		<b>TOTAL SCH</b>	<b>6</b>
		Fall B Semester	Spring B Semester			
		ENGT 2240 – Electronic Fundamentals II	3		ENGT Concentration Elective	3
	AP	Humanities and Fine Arts Core	3		ENGT 4885 – Electrical Capstone	3
	<b>TOTAL SCH</b>	<b>6</b>		<b>TOTAL SCH</b>	<b>6</b>	

\*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.