

<b>Name:</b>	
<b>Social Security Number:</b>	
<b>Advisor:</b>	
Datatel Department Number	EMT
COTC Major Number	003020
OBR Subjectcode	150403

**Two Year Plan of Study for the Associate of Applied Science Degree in  
 Electromechanical Engineering Technology**

1. Courses listed on this Plan of Study may have prerequisites; please see the Course Description Section on the COTC Web Page (COTC Current Students Tab).
2. Courses highlighted on this Plan of Study are offered only once a year in the Quarter indicated; courses not highlighted on this Plan of Study may or may not be offered more than once per year.
3. A student must have completed one unit of high school algebra with a grade of C (2.00) or better for admission into the Electromechanical Engineering Technology program.
4. A student may need to take MTH-1210 College Algebra, MTH-1205 Introduction to Algebra, or possibly MTH-1200 Basic Mathematics (as determined by the COMPASS Math Placement Test Scores) prior to enrolling in MTH-1226 Trigonometry and MTH-1232 Introduction to Calculus.

Quarter 1 Autumn			Quarter 2 Winter			Quarter 3 Spring		
CMP-1601	Principles of Computing	1.00	COM-1535	Composition I	4.00	COM-1536	Composition II	4.00
CMP-2596	Prin Computer Programming	4.00	EET-3028	Circuits I	4.00	EET-3029	Circuits II	4.00
DDT-3706	Introduction to CAD	2.00	EET-3306	Local Area Networks	3.00	PHY-3025	Physics Mechanics	5.00
EET-3018	PC Hardware	3.00	MTH-1226	Trigonometry	5.00		Non Technical Elective	4.00
EET-3154	Digital Electronics I	4.00		Technical Elective	2.00			
	Non Technical Elective	3.00						
	<b>Total</b>	17.00		<b>Total</b>	18.00		<b>Total</b>	17.00
Quarter 4 Autumn			Quarter 5 Winter			Quarter 6 Spring		
EET-3133	Electronics I	4.00	COM-1504	Public Speaking	3.00	EMT-3261	Electromechanical Systems	5.00
EMT-3244	Industrial Power	4.00	COM-1525	Technical Writing	3.00	PHY-3032	Physics Heat, Light, Sound	3.00
MTH-1232	Introduction to Calculus	5.00	EET-3144	Linear Integrated Circuits	4.00		Non Technical Elective	3.00
	Technical Elective	4.00	EMT-3252	Programmable Logic Controllers	4.00		Technical Elective	4.00
				Technical Elective	3.00			
	<b>Total</b>	17.00		<b>Total</b>	17.00		<b>Total</b>	15.00

**TOTAL CREDIT HOURS REQUIRED: 101.00**

Non Technical Electives								
Total of 8 Credit Hours Required; A Minimum of 3 Credit Hours Must be from the Social Sciences Area								
BHS-1006	Critical Thinking	3.00	BHS-1382	Sociology	3.00	CMP-2576	Visual Basic	4.00
BHS-1030	Reasoning Skills	4.00	BHS-1383	Psychology of Adjustment	5.00	CMP-2586	Object Oriented Programming with C++	4.00
BHS-1340	Ethics	3.00	COM-1523	Small Group Communications	3.00	BMS-29XX	Up to 3 credit hours of BMS Software Applications Courses may be used to fulfill Elective Requirement	1-3
BHS-1376	General Psychology	5.00	COM-1531	National Issues	3.00			
BHS-1379	Cultural Diversity	3.00	COM-1534	Effective Communications	4.00			

Technical Electives								
A Total of 13 Credit Hours Required								
EMT-3243	Hydraulics&Pneumatics (Autumn Qtr)	4.00	EMT-3262	Industrial Instrumentation (Spring Qtr)	4.00	AMT-3414	Production Management	2.00
EMT-3253	Mechanical Components and Mechanisms (Winter Qtr)	3.00	AMT-3413	Production Planning & Control (Winter Qtr)	2.00	AMT-3415	Statistical Process Control	3.00
						AMT-3417	Forming Processes	3.00

*The College Reserves the Right to Change Curricula Without Notice.*