

## Major: Mechatronics Engineering Technology

FIRST YEAR	Fall Semester	
	EGT 116 Introduction to manufacturing	3
	MAT 119 Pre-Calculus Mathematics	3
	Gen Ed Written Communication I: ENG 101 Colleger Writing <sup>1</sup>	3
	EGT 212 Computer Aided Drafting & Design	3
	Gen Ed	3
	<b>Total</b>	<b>15</b>
SECOND YEAR	Fall Semester	
	PHY 211 General Physics with laboratory I	4
	Gen Ed	3
	EGT 243 A.C. Circuit Analysis	3
	Gen Ed	3
	EGT 267 Programming for Engineering Applications	3
	<b>Total</b>	<b>16</b>
THIRD YEAR	Fall Semester	
	EGT 261 Engineering Materials	3
	EGT 300 Statics and Strenght of Materials	3
	EGT 361 Fluid Power	3
	EGT 367 Microprocessors	3
	EGT Track	3
	<b>Total</b>	<b>15</b>
FOURTH YEAR	Fall Semester	
	EGT 448 Network Hardware	3
	EGT 317 Intro to capstone Project	1
	EGT 480 Machine Design	3
	Gen Ed	3
	EGT Track	3
	Gen Ed	3
<b>Total</b>	<b>16</b>	
<sup>1</sup> Qualified students (ENG ACT ≥26) should take ENG 151 inste		

Spring Semester	
Gen Ed	3
CMST 101 Public Speaking	3
STA 205 Introduction to Statistical Methods	3
EGT 161 D.C. Circuit Analysis	3
CHE 130 & 130L Chemistry, an Engineering Approach with lab	4
<b>Total</b>	16
Spring Semester	
EGT 310 Project Management & problem Solving	3
MAT 129 Calculus I	4
EGT 245 Digital Electronics	3
EGT Elective	3
<b>Total</b>	13
Spring Semester	
Gen Ed	3
PHY 213 General Physics with Laboratory II	4
EGT 340 Applied Dynamics	3
EGT 301 Cooperative Education	3
<b>Total</b>	13
Spring Semester	
EGT 417 Senior Design in Technology	2
EGT 408 mechatronics Topics	3
EGT Track	3
EGT Track	3
EGT Track	3
Elective to graduate with 120 hours	2
<b>Total</b>	16
<b>Grand Total</b>	<b>120</b>
ad of 101 and EGT 291W.	