

**Graduation Plan**

<b>First Semester</b>			
	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Done</b>
COL 101 College Orientation	1.0		<input type="checkbox"/>
EGR 170 Engineering Materials	3.0	ENG 031 or equivalent	<input type="checkbox"/>
*EGT 111 Mechanical Drawing I	2.0	ENG 031, MAT 033 or equivalent - minimum grade of C Co-requisite: EGT 290	<input type="checkbox"/>
*EGT 290 Computer Aided Design	1.0	ENG 031 or equivalent Co-requisite: EGT 111	<input type="checkbox"/>
*ENG 101 English Composition I	3.0	Co-requisite: ENG 032 equivalent - minimum grade of C	<input type="checkbox"/>
*MAT 112 Pre-Calculus	5.0	MAT 105 or equivalent – minimum grade of C	<input type="checkbox"/>
<b>TOTAL</b>	<b>15.0</b>		

**Second Semester**

	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Done</b>
CPT 170 Microcomputer Applications	3.0	Recommended: AOT 101, AOT 105 or equivalent	<input type="checkbox"/>
*EGR 175 Manufacturing Processes	3.0	ENG 031 or equivalent - minimum grade of C	<input type="checkbox"/>
*EGT 112 Mechanical Drawing II	3.0	EGT 111 and EGT 290	
ENG 160 Technical Communications	3.0	ENG 101 or equivalent – minimum grade of C	<input type="checkbox"/>
*PHY 201 Physics I	4.0	ENG 032 or equivalent MAT 110, MAT 112 or equivalent	<input type="checkbox"/>
<b>TOTAL</b>	<b>16.0</b>		

**Third Semester**

	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Done</b>
EGR 190 Statics	3.0	MAT 112 - minimum grade of C	
MET 214 Fluid Mechanics	3.0	PHY 201 - minimum grade of C EGR 190 - minimum grade of C	<input type="checkbox"/>
*PHY 202 Physics II	4.0	PHY 201	<input type="checkbox"/>
Social Science (Take one course)	3.0		<input type="checkbox"/>
@Elective (Take one course)	3.0		<input type="checkbox"/>
<b>TOTAL</b>	<b>16.0</b>		

**Fourth Semester**

	<b>Credit Hours</b>	<b>Pre-requisites</b>	<b>Done</b>
Humanities (Take one course)	3		<input type="checkbox"/>
MET 211 Strength of Materials	4	PHY 201 and EGR 190 - minimum grade of C	<input type="checkbox"/>
MET 223 Thermodynamics Systems	3	EGR 190, PHY 201 - minimum grade of C	<input type="checkbox"/>

\* Courses in this program that require a minimum grade of "C."

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MET 231 Machine Design	4	EGR 190 and PHY 201 – minimum grade of C Co-requisite: MTT 101	
MTT 101 Introduction to Machine Tool	2		
Humanities (take one Course)	3		
<b>TOTAL</b>	<b>16</b>		

@Approved Electives: CHM 101, CHM 110, CPT 168, EGR 260, EGR 264, EGR 266, EGT 105, EGT 210, EGT 225, EGT 252

Humanities: HIS 101, HIS 102, HIS 201, HIS 202, HSS 205

Social Science: ECO 210, ECO 211, PSC 201, PSY 201, SOC 101

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