

**Graduation Plan**

<b>First Semester</b>			
	<b>Credit Hours</b>	<b>Prerequisites</b>	<b>Done</b>
COL 101	1.0		
*EEM 118 DC/AC Circuits II	4.0	MAT 033 or equivalent	<input type="checkbox"/>
*EEM 145 Control Circuits	3.0	EEM 118, or EEM 117, or EET 111	<input type="checkbox"/>
ENG 101 English Composition I	3.0	Co-requisite: ENG 032 or equivalent - minimum grade of C	<input type="checkbox"/>
*IMT 104 Schematics	2.0	RDG 031 or equivalent; MAT 033 or equivalent	<input type="checkbox"/>
*IMT 161 Mechanical Power Applications	4.0	RDG 031 or equivalent; MAT 033 or equivalent	<input type="checkbox"/>
<b>TOTAL</b>	<b>17.0</b>		

**Second Semester**

	<b>Credit Hours</b>	<b>Prerequisites</b>	<b>Done</b>
*CIM 241 Automated Manufacturing Equipment	4.0	Pre-requisites OR Co-requisites: EEM 250 and EEM 271	<input type="checkbox"/>
*EEM 221 DC/AC Drives	3.0		<input type="checkbox"/>
*EEM 250 Programmable Logic Controllers	4.0	EEM 145	<input type="checkbox"/>
*IMT 102 Industrial Safety	2.0	RDG 031 or equivalent; MAT 033 or equivalent	<input type="checkbox"/>
*IMT 131 Hydraulics & Pneumatics	4.0	RDG 031 or equivalent; MAT 033 or equivalent	<input type="checkbox"/>
<b>TOTAL</b>	<b>17.0</b>		

**Third Semester**

*AMT 105 Robotics & Automation I	3.0	CIM 241	<input type="checkbox"/>
CPT 170 Microcomputer Applications	3.0	Recommended - AOT 101, AOT 105, or equivalent	
*EEM 271 Sensors & Systems Interfacing	2.0	EEM 117 or EEM 118	<input type="checkbox"/>
*EEM 274 Technical/Systems Troubleshooting	4.0	CIM 241; EEM 250	<input type="checkbox"/>
MAT 105 Introduction to College Algebra	5.0	MAT 033 or equivalent – minimum grade of C	<input type="checkbox"/>
<b>TOTAL</b>	<b>17.0</b>		

**Fourth Semester**

	<b>Credit Hours</b>	<b>Prerequisites</b>	<b>Done</b>
*AMT 205 Robotics & Automation II	5.0	AMT 105	<input type="checkbox"/>
HSS 205 Technology and Society	3.0	Co-requisite: ENG 032 or equivalent	<input type="checkbox"/>

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

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*IMT 163 Problem Solving for Mechanical Applications	3.0	RDG 031 or equivalent; MAT 033 or equivalent; IMT 131; IMT 161; IMT 104	<input type="checkbox"/>
*IMT 170 Statistical Process Control	5.0	CIM 241; EEM 250	<input type="checkbox"/>
PSY 105 Personal/Interpersonal Psychology	3.0	Co-requisite: ENG 032 or equivalent	<input type="checkbox"/>
<b>TOTAL</b>	<b>15.0</b>		

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