

Completion Plan

First Semester- FALL START ONLY			
	Credit Hours	Prerequisites	Recommended Terms
MAT 155 Contemporary Math	3.0	MAT 033 or equivalent Minimum grade of C	16-week FA
*EEM 118 DC/AC Circuits II	4.0	RDG 031 or equivalent MAT 033 or equivalent	1 <sup>st</sup> 8-week FA
*IMT 114 Benchwork & Assembly	2.0	MAT 033 or equivalent	1 <sup>st</sup> 8-week FA
*EEM 145 Control Circuits	3.0	EEM 118 or EEM 117	2 <sup>nd</sup> 8-week FA
*IMT 104 Schematics	2.0	RDG 031 or equivalent MAT 033 or equivalent	2 <sup>nd</sup> 8-week FA
<b>TOTAL</b>	<b>14.0</b>		
Second Semester			
	Credit Hours	Prerequisites	Recommended Terms
ENG 101 English Composition I	3.0	Co-requisite: ENG 032 or equivalent  -minimum grade of C	16-week  SP
*EEM 215 DC/AC Machines	3.0	EEM 117 or EEM 118	1 <sup>st</sup> 8-week SP
*IMT 131 Hydraulics & Pneumatics	4.0	RDG 031 or equivalent; MAT 033 or equivalent	1 <sup>st</sup> 8-week SP
*EEM 221 DC/AC Drives	3.0	EEM 215	2 <sup>nd</sup> 8-week SP
*IMT 161 Mechanical Power Applications	4.0	RDG 031 or equivalent MAT 033 or equivalent IMT 111 or IMT 114	2 <sup>nd</sup> 8-week SP
<b>TOTAL</b>	<b>17.0</b>		
Third Semester			
	Credit Hours	Prerequisites	Recommended Terms
CPT 170 Microcomputer Applications	3.0	Recommended - AOT 101, AOT 105, or equivalent	4-week SU
HIS 201 American History: Discovery to 1877 <b>OR</b> HSS 205 Technology and Society	3.0	Co-requisite: ENG 032 or equivalent	4-week SU
*IMT 102 Industrial Safety	2.0	RDG 031 or equivalent MAT 033 or equivalent	8-week SU
*EEM 250 Programmable Logic Controllers	4.0	EEM 145	4-week SU
CIM 241 Automated Manufacturing	4.0	EEM 250 or EEM 251	4-week SU

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

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		EEM 221	
<b>TOTAL</b>	<b>16.0</b>		
<b>Fourth Semester</b>			
	<b>Credit Hours</b>	<b>Prerequisites</b>	<b>Recommended Terms</b>
COL 101 College Orientation	1.0		1 <sup>st</sup> 8-week FA
PSY 105 Personal/Interpersonal Psychology OR PSY 201 General Psychology	3.0	Co-requisite: ENG 032 or equivalent	16-week FA
*AMT 105 Robotics & Automation I	3.0	CIM 241 and EEM 250	1 <sup>st</sup> 8-week FA
*IMT 170 Statistical Process Control	3.0	CIM 241 and EEM 250	1 <sup>st</sup> 8-week FA
*AMT 205 Robotics & Automation II	3.0	AMT 105	2 <sup>nd</sup> 8-week FA
*EEM 274 Technical/Systems Troubleshooting	4.0	CIM 241 and EEM 250	2 <sup>nd</sup> 8-week FA
<b>TOTAL</b>	<b>17.0</b>		

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