

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 AC/DC Circuits II	4.0	RWR 032 or equivalent MAT 033 or equivalent	1 st 8-week FA
*IMT 114 Benchwork & Assembly	2.0	MAT 033 or equivalent	1 st 8-week FA
*EEM 145 Control Circuits	3.0	EEM 118 or EEM 117	2 nd 8-week FA
*IMT 104 Schematics	2.0	RWR 032 or equivalent MAT 033 or equivalent	2 nd 8-week FA
TOTAL	14		
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 st 8-week SP
*IMT 131 Hydraulics & Pneumatics	4.0	RWR 032 or equivalent MAT 033 or equivalent	1 st 8-week SP
*EEM 221 DC/AC Drives	3.0	EEM 215	2 nd 8-week SP
*IMT 161 Mechanical Power Applications	4.0	RWR 032 or equivalent MAT 033 or equivalent IMT 111 or IMT 114	2 nd 8-week SP
TOTAL	17		
Third Semester			
	Credit Hours	Prerequisites	Recommended Terms
CPT 170 Microcomputer Applications	3.0		4-week SU
HIS 201 American History: Discovery to 1877 OR HSS 205 Technology and Society	3.0	Co-requisite: ENG 032 or equivalent	4-week SU
*IMT 102 Industrial Safety	2.0	RWR 032 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 Equipment	4.0	EEM 250 or EEM 251 EEM 221	4-week SU

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

**Associate in Applied Science
Mechatronics Technology (AAS.MCT)**

**Total Credit Hours: 64
Effective: Fall 2021**

TOTAL	16		
Fourth Semester			
	Credit Hours	Prerequisites	Recommended Terms
COL 101 College Orientation	1.0		1 st 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 & Automated Controls I	3.0	CIM 241	1 st 8-week FA
*IMT 170 Statistical Process Control	3.0	CIM 241 and EEM 250	1 st 8-week FA
*AMT 205 Robotics & Automated Controls II	3.0	AMT 105	2 nd 8-week FA
*EEM 274 Technical/Systems Troubleshooting	4.0	CIM 241 and EEM 250	2 nd 8-week FA
TOTAL	17		

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

