

**Associate in Applied Science
Industrial Maintenance Technology
Industrial Maintenance (AAS.IMT04 35372)**

**Total Credit Hours: 62
Effective: Fall 2020**

Graduation Plan

First Semester - FALL OR SPRING START ONLY			
	Credit Hours	Prerequisites	Recommended Terms
COL 101	1.0		1 st 8-week FA or SP
*EEM 118 DC/AC Circuits II	4.0	RDG 031 or equivalent; MAT 033 or equivalent	1 st 8-week FA or SP
*IMT 114 Benchwork & Assembly	2.0	RDG 031 or equivalent; MAT 033 or equivalent	1 st 8-week FA or SP
*EEM 145 Control Circuits	3.0	EEM 117 or EEM 118	2 nd 8-week FA or SP
*IMT 120 Mechanical Installations	5.0	RDG 031 or equivalent; MAT 033 or equivalent	2 nd 8-week FA or SP
TOTAL	15.0		
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 or SU
*EEM 215 DC/AC Machines	3.0	EEM 117 or EEM 118	1 st 8-week SP or SU
*IMT 131 Hydraulics & Pneumatics	4.0	RDG 031 or equivalent; MAT 033 or equivalent	1 st 8-week SP or SU
*EEM 221 DC/AC Drives	3.0	EEM 215	2 nd 8-week SP or SU
*IMT 161 Mechanical Power Applications	4.0	RDG 031 or equivalent; MAT 033 or equivalent; IMT 111 or IMT 114	2 nd 8-week SP or FA
TOTAL	17.0		
Third Semester			
	Credit Hours	Prerequisites	Recommended Terms
CPT 170 Microcomputer Applications	3.0	Recommended - AOT 101, AOT 105, or equivalent	8-week SU or FA
HSS 205 Technology and Society	3.0	Co-requisite: ENG 032 or equivalent	8-week SU or FA
*EEM 251 Programmable Controllers	3.0	EEM 145	1 st 8-week SP or SU
*IMT 102 Industrial Safety	2.0	RDG 031 or equivalent MAT 033 or equivalent	16 week SU or FA
*IMT 104 Schematics	2.0	MAT 033 or equivalent	1 st 8-week

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

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			SU or FA
*EEM 250 Programmable Logic Controllers	4.0	EEM 145	1 st 8-week SU or FA
TOTAL	17.0		

Fourth Semester

	Credit Hours	Prerequisites	Recommended Terms
ECO 101 Basic Economics OR PSY 105 Personal/Interpersonal Psychology	3.0	Co-requisite: ENG 032 or equivalent	16-week FA or SP
MAT 155 Contemporary Mathematics	3.0	MAT 033 or equivalent Minimum grade of C	16-week FA or SP
*WLD 142 Maintenance Welding	3.0	RDG 031 or equivalent; MAT 033 or equivalent	16-week FA or SP
*CIM 241 Automated Manufacturing Equipment	4.0	EEM 250 or EEM 251, EEM 221	2 nd 8-week FA or SU
*EEM 271 Sensors & System Interfacing	2.0	EEM 117 or EEM 118	2 nd 8-week FA or SU
TOTAL	15.0		

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