

Core Competency Requirements (15-16 Credits)		
Prefix	Course Title	Credits
MTH 105	Applied Math	4
COMM 111	Public Speaking	4
WR 121	English Composition	4
PSY 101	Psychology & Human Relations – or- BA285 Human Relations in Organizations	4/3
Total Credits		15-16

Degree Information	
Category	Credit Total
Core Competency Requirements	15-16
MIT Core Requirements	67
Required Degree Electives	8-9
Total Credits for Degree	90-92

MTH and WR courses must be passed with a "C" or better.

Maximum of 24 credits of "P" credit allowed for an AAS degree.

MIT Core Requirements (67 Credits)		
Prefix	Course Title	Credits
CG 100	College Survival & Success	3
DRF 270	AutoCAD	3
ELT 110	Electricity for Non- Electricians I	2
ELT 111	Electricity for Non- Electricians II	2
ELT 125	Basic Programmable Controllers (PC Based)	2
ELT 126	Intermediate Programmable Controllers (PC Based)	2
ELT 201	Electric Motor Controls	2
ELT 225	Advanced Programmable Controllers (PC Based)	2
IMT 100	Introduction to Trades	1
IMT 102	Industrial Safety (OSHA)	4
IMT 103	Applied Industrial Technology Mathematics	4
IMT 104	Rigging, Lifting, and Safety Inspection	3
IMT 105	Industrial Hydraulics I	3
IMT 118	Bearings, Seals, and Lubrication	3
IMT 204	Introduction to Pneumatics	3
IMT 211	Structural Maintenance	3
IMT 222	Lean Manufacturing Process Control	3
IMT 230	Techniques of Preventive Maintenance	3
IMT 280	Cooperative Work Experience	3
MCH 102	Introduction to Manufacturing	3
MCH 121	Machining 1	3
MCH 220	Machining 2	3
WLD 102	Blueprint Reading	4
WR 127	Introduction to Technical Writing	3
Total Credits		67

Degree Electives (8-9 Credits)		
Prefix	Course Title	Credits
GT 106	Green Production Practices	3
HE 112	Standard First Aid and Emergency Care	1
IMT 140**	Small Engine Repair	3
IMT 150**	Advanced Woods Technology	3
IMT 151**	Advanced Construction I	4
IMT 200	Pumps and Valves	3
IMT 220	Proportional Hydraulics	3
IMT 251**	Advanced Construction II	4
WLD XXX	Welding Class	3
WLD 105	Introduction to Welding Technologies	3
Total Credits		8-9

\*\* Structural Maintenance and  
Construction Pathway

