

## AAS: Manufacturing and Industrial Technology

Core Competency Requirements (15-16 Credits)			MIT Core Requirements (71 Credits)			Core Requirements Continued		
Prefix	Course Title	Credits	Prefix	Course Title	Credits	Prefix	Course Title	Credits
CG 100	College Survival & Success	3	DRF 270	3-D Modeling	3	WLD 112	SMAW II	3
MTH 105Z	Math in Society	4	ELT 110	Electricity for Non-Electricians I	2	IMT 200	Pumps and Valves	3
COMM 111Z	Public Speaking	4	ELT 111	Electricity for Non-Electricians II	2	IMT 170	Industry Logistics I	3
WR 121Z	English Composition	4	ELT 127	Basic Programmable Controllers (PC Based)	2	<b>Total Credits</b> 77		
PSY 101	Psychology & Human Relations -or- BA285 Human Relations in Organizations	4/3	ELT 128	Intermediate Programmable Controllers (PC Based)	2	**Structural Maintenance and Construction Dual Credit Pathway for the Perkins POS. Sub for IMT 105, IMT 200, IMT 204, IMT 220		
<b>Total Credits</b>		18-19	ELT 201	Electric Motor Controls	2			
<b>Degree Information</b>			ELT 227	Advanced Programmable Controllers (PC Based)	2			
<b>Category</b>		<b>Credit Total</b>	GT 106	Green Production Practices	3			
Core Competency Requirements		18-19	IMT 100	Introduction to Trades	3			
MIT Core Requirements		77	IMT 105	Industrial Safety (OSHA)	4			
Total Credits for Degree		95-96	IMT 108	Rigging, Lifting, and Safety Inspection	3			
MTH and WR courses must be passed with a "C" or better. Maximum of 24 credits of "P" credit allowed for an AAS degree.			IMT 109	Industrial Hydraulics I	3			
			IMT 118	Bearings, Seals, and Lubrication	3			
			IMT 205	Introduction to Pneumatics	3			
			IMT 211	Structural Maintenance	3			
			IMT 210	Proportional Hydraulics	3			
			IMT 222	Lean Manufacturing Process Control	3			
			IMT 229	Techniques of Preventive Maintenance	3			
			IMT 280	Cooperative Work Experience	3			
			MCH 102	Introduction to Manufacturing	3			
			MCH 134	Machining I	3			
			MCH 234	Machining II	3			
			WLD 129	Blueprint Reading	4			
			WLD 111	SMAW I	3			