

# Associate of Applied Science: Manufacturing & Industrial Technology

TBCC guarantees, at a minimum, the following courses each quarter for the completion of the Associate of Applied Science - Manufacturing & Industrial Technology. A student can transfer in or take other courses that meet the requirements.

		FALL TERM	WINTER TERM	SPRING TERM
		<b>Year 1 or 2 (rotates)</b>	CG 100 College Survival & Success (3 CR)	IMT 229 Tech. Preventative Maintenance (3 CR)
IMT 100 Introduction to Trades (3 CR)	WLD 112 SMAW II (3 CR)		PSY 101 Human Relations (4 CR) or BA 285 Human Relations in Organ. (3 CR)	
AG 221 Metals and Welding (3 CR) OR WLD111 SMAW I (3 CR)	WLD 129 Blueprint Reading (4 CR)		IMT 211 Structural Maintenance (3 CR)	
MCH 102 Intro to Manufacturing (3 CR) OR IMT 105 Industrial Safety (4 CR)	DRF 270 3-D Modeling (3 CR)		COMM 111 Public Speaking (4 CR)	
MTH 105 Math in Society (4 CR)			IMT 170 Industry Logistics (3 CR)	
<i>16-17 CREDIT TOTAL</i>	<i>13 CREDIT TOTAL</i>		<i>17-18 CREDIT TOTAL</i>	
<b>Year 1 or 2 (rotates)</b>	<b>FALL TERM</b>	<b>WINTER TERM</b>	<b>SPRING TERM</b>	
	MCH 102 Intro to Manufacturing (3 CR) OR IMT 105 Industrial Safety (4 CR)	IMT 222 Lean Manufacturing & Process (3 CR)	IMT 118 Bearings, Seals & Lubrications (3 CR)	
	IMT 205 Intro to Pneumatics (3 CR)	IMT 108 Rigging (3 CR)	ELT 201 Electric Motor Controls (2 CR)	
	MCH 134 Machining I (3 CR)	MCH 234 Machining II (3 CR)	GT 106 Green Production Practices (3 CR)	
	ELT 127 Basic Programmable Controllers (2 CR)	ELT 128 Intermediate Programmable Controllers (2 CR)	ELT 227 Advanced Programmable Controllers (2 CR)	
	ELT 110 Electricity for Non-Electricians I (2 CR)	ELT 111 Electricity for Non-Electricians II (2 CR)	IMT 280 Cooperative Work Experience (3 CR)	
	IMT 109 Industrial Hydraulics I (3 CR)	IMT 200 Pumps and Valves (3 CR)	IMT 210 Proportional Hydraulics (3 CR)	
	<i>16-17 CREDIT TOTAL</i>	<i>16 CREDIT TOTAL</i>	<i>16 CREDIT TOTAL</i>	

TOTAL: 95-96 Credits

**Part Time Students:**

<b>YEAR 1</b>	<b>YEAR 2</b>	<b>YEAR 3</b>	<b>YEAR 4</b>
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