



CCAC Industrial Manufacturing Technician (IMT)
Program # 2018-PA-71610

IMT COURSE LISTING	INSTRUCTIONAL HOURS
Manufacturing Skill Standards Council (MSSA) Certified Production Technician (CPT) Certificate <i>Includes modules in: Safety, Quality, Mfg Processes and Production, Maintenance Awareness</i>	90
OSHA 10	10
FA/CPR	8
Blueprint Reading	16
Frontline Leadership	8
Lean Manufacturing and 5S	16
Transition to Trainer	8
Industrial Math for the Trades-	30
Arithmetic	
Basic Algebra	
Applied (may include):	
Geometry	
Rt Triangle Trig	
Trigonometry	
Metric System and Conversions	
Communication for Apprentices- Includes	30
Delegating Diplomatically	
Communicating written technical info	
Presenting tech info to small groups	
Drafting/editing/revising communications	



Workforce
Development

<p>Additional time on above courses or manufacturing electives may be allocated based upon company needs to meet 264 hour total:</p> <ul style="list-style-type: none">• Mechatronics Exploration- including New Technologies• Visual Inspection and Measurement• Geometric Dimension and Tolerancing• Introduction to Programmable Logic Controllers• Electrical Circuits• Motor Control, Hydraulics• Pneumatics• Mechanical Drives	
<p style="text-align: right;">OVERALL TOTAL</p>	<p style="text-align: center;">264</p>