

# ADVANCED MANUFACTURING TECHNICIAN



## Training Hours

### MANDATORY

<b>QUA-1001</b> Quality Systems - Introduction to Quality	1.4
<b>QUA-1002</b> Quality Systems - ISO 9000	1.1
<b>QUA-1003</b> Quality Systems - Standards Organizations	0.9
<b>QUA-1004</b> Quality Systems - Quality Organizations	0.9
<b>QUA-1011</b> Introduction to Statistical Process Control - Introduction to SPC	1.0
<b>QUA-1012</b> Introduction to Statistical Process Control - Probability and Variation	1.8
<b>QUA-1013</b> Introduction to Statistical Process Control - The Control Chart	1.2
<b>CNC-1001</b> Introduction to Machining - Introduction to Machining	1.5
<b>CNC-1002</b> Introduction to Machining - Machine Tools	0.8
<b>CNC-1003</b> Introduction to Machining - CNC Controllers	1.0
<b>CNC-1004</b> Introduction to Machining - Machining Personnel	0.9
<b>CNC-1005</b> Introduction to Machining - Facility Layout	1.5
<b>MTH-1008</b> Cartesian Coordinates - Cartesian Coordinates	0.9
<b>MTH-1009</b> The Metric System - The Metric System	1.1
<b>SAF-1002</b> Introduction to Safety - Making Work a Safer Place	1.6

*Estimated training hours: 17.6*

### ELECTIVES

<b>QUA-1005</b> Quality Systems - Basic Quality Roles and Responsibilities	1.0
<b>LEA-1004</b> Workplace Organization - S1: Sort	0.7
<b>LEA-1005</b> Workplace Organization - S2: Straighten	0.9
<b>LEA-1006</b> Workplace Organization - S3: Shine	0.8
<b>LEA-1007</b> Workplace Organization - S4: Standardize	0.7
<b>LEA-1008</b> Workplace Organization - S5: Sustain	0.7
<b>STR-1002</b> When Time Gets the Best of You: Dealing with Stress	0.9
<b>MFG-1006</b> Measuring Success in Manufacturing	0.9

## Training Hours

**COM-2001** Conflict Resolution - Understanding Conflict 2.0

**COM-2002** Conflict Resolution - Communication Skills 1.8

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*Estimated training hours: 10.4*

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*Estimated total training hours: 28.6*