

# CNC MACHINE CENTER TECHNICIAN



## MANDATORY

## Training Hours

<b>DWG-2001</b> Advanced Blueprint Reading - Geometric Dimensions and Tolerances	1.4
<b>DWG-2002</b> Advanced Blueprint Reading - Assemblies and Fits	1.0
<b>DWG-2003</b> Advanced Blueprint Reading - Threads and Fasteners	1.3
<b>CNC-4015</b> CNC Vertical Machining Center Applications - Maintenance Tasks for a CNC Machining Center	0.7
<b>CNC-4016</b> CNC Vertical Machining Center Applications - Power on the CNC Machining Center	0.9
<b>CNC-4017</b> CNC Vertical Machining Center Applications - Move the Axes by Rotating the Jog Handle on a CNC Machining Center	0.8
<b>CNC-4018</b> CNC Vertical Machining Center Applications - Home the Axes on a CNC Machining Center	0.7
<b>CNC-4019</b> CNC Vertical Machining Center Applications - Select a Part Program from Memory on a CNC Machining Center	0.7
<b>CNC-4020</b> CNC Vertical Machining Center Applications - Start the Part Program Safely on a CNC Machining Center	0.8
<b>CNC-4021</b> CNC Vertical Machining Center Applications - Interrupt Automatic Operation on a CNC Machining Center	0.7
<b>CNC-4022</b> CNC Vertical Machining Center Applications - Adjust a Tool Wear Offset on a CNC Machining Center	0.7
<b>CNC-4023</b> CNC Vertical Machining Center Applications - Power Off the CNC Machining Center	0.7
<b>CNC-4024</b> CNC Machining Center Programs - CNC Programming Procedure for a CNC Machining Center	1.2
<b>CNC-4025</b> CNC Machining Center Programs - CNC Program Structure for a CNC Machining Center	1.0
<b>CNC-4026</b> CNC Machining Center Programs - CNC Addresses for a CNC Machining Center	2.2
<b>CNC-4027</b> CNC Machining Center Programs - CNC Machining Center Commands	1.7
<b>CNC-4028</b> CNC Machining Center Programs - Organizing a CNC Program for a CNC Machining Center	0.8
<b>MAT-2002</b> Metals and Materials - Ferrous Metals	0.9
<b>MAT-2003</b> Metals and Materials - Nonferrous Metals	0.8
<b>MAT-2004</b> Metals and Materials - Heat Treatment of Metals	1.1
<b>GEO-1009</b> Geometry - Three-dimensional Shapes	1.1

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<b>GEO-1010</b> Geometry - Coordinate Geometry	1.2
<b>GEO-1011</b> Geometry - Transformation Geometry	0.9
<b>SAF-1021</b> Electrical and Fire Safety - Lockout/Tagout	1.0
<b>SAF-1002</b> Introduction to Safety - Making Work a Safer Place	1.6
<b>TEA-1008</b> Group Dynamics - Problem Solving	1.0

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*Estimated training hours: 26.9*

## ELECTIVES

<b>STU-1002</b> Using a Learning Management System - How to Take a Course	0.8
<b>MFG-1006</b> Measuring Success in Manufacturing	0.9
<b>COM-2001</b> Conflict Resolution - Understanding Conflict	2.0
<b>COM-2002</b> Conflict Resolution - Communication Skills	1.8
<b>TIM-1001</b> Time Management - Managing Your Time	0.9
<b>COM-2003</b> Conflict Resolution - Managing Conflict	2.3
<b>TEA-1002</b> Group Dynamics - Group Communication	0.9
<b>TEA-1009</b> Group Dynamics - Decision Making	1.0
<b>TEA-1011</b> Group Dynamics - Leadership	0.8

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*Estimated training hours: 11.5*

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*Total estimated training hours: 38.4*

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