

# CNC FUNDAMENTALS 2



## MANDATORY

## Training Hours

<b>DWG-1003</b> Blueprint Reading Fundamentals - Engineering Drawing Views	1.6
<b>DWG-1004</b> Blueprint Reading Fundamentals - Engineering Drawing Lines	1.3
<b>DWG-1005</b> Blueprint Reading Fundamentals - Dimensions and Tolerances	2.1
<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-2006</b> CNC Vertical Machining Center - Components of a CNC Machining Center	1.2
<b>CNC-2007</b> CNC Vertical Machining Center - CNC Machining Center Movements	0.9
<b>CNC-2008</b> CNC Vertical Machining Center - Workpiece and Tool Holding Devices for a CNC Machining Center	0.9
<b>CNC-2009</b> CNC Vertical Machining Center - The CNC Controller for a CNC Machining Center	1.1
<b>CNC-2010</b> CNC Vertical Machining Center - Auxiliary Systems for a CNC Machining Center	0.8
<b>CNC-2011</b> CNC Machine Lubricants - CNC Machine Lubricants	1.1
<b>CUT-2004</b> Threads, Taps and Dies - Threads	1.3
<b>CUT-2005</b> Threads, Taps and Dies - Taps	1.5
<b>CUT-2006</b> Threads, Taps and Dies - Hand Tapping	1.4
<b>CUT-2008</b> Lubricants and Cutting Fluids - Cutting Fluids	1.5
<b>CUT-2009</b> Cutting Tools for Metalworking - Cutting Tool Materials	1.2
<b>CUT-2010</b> Cutting Tools for Metalworking - Indexable Tool Holders	2.1
<b>CUT-2011</b> Cutting Tools for Metalworking - Inserts	1.2
<b>CUT-2012</b> Cutting Tools for Metalworking - Solid Cutting Tools	1.9
<b>MEA-2010</b> Precision Measurement Tools - Test Indicators	1.1
<b>MEA-2012</b> Precision Measurement Tools - Attribute Gauges	1.0
<b>MEA-2013</b> Precision Measurement Tools - Thickness and Radius Gauges	1.0
<b>MEA-2014</b> Precision Measurement Tools - Squares and Protractors	1.3
<b>MEA-2015</b> Precision Measurement Tools - Surface Roughness Comparators	1.0

## Training Hours

<b>MEA-2016</b> Precision Measurement Tools - Adjustable Parallels	0.7
<b>MEA-2017</b> Precision Measurement Tools - Surface Plates	0.9
<b>MEA-2018</b> Precision Measurement Tools - Optical Comparators	0.9
<b>GEO-1006</b> Geometry - Triangles	1.3
<b>GEO-1007</b> Geometry - Quadrilaterals	0.9
<b>GEO-1008</b> Geometry - Circles	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

*Estimated training hours: 40.4*

## ELECTIVES

<b>STU-1002</b> Using a Learning Management System - How to Take a Course	0.8
<b>STU-1004</b> Learning Online - Tips for Succeeding in Online Learning	0.8
<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
<b>COM-2001</b> Conflict Resolution - Understanding Conflict	2.0
<b>COM-2002</b> Conflict Resolution - Communication Skills	1.8

*Estimated training hours: 9.1*

*Total estimated training hours: 49.5*