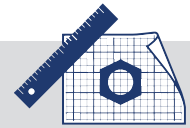


# ENGINEERING AND DESIGN 1



## MANDATORY

## Training Hours

<b>DWG-1001</b> Blueprint Reading Fundamentals - Introduction to Blueprints	1.7
<b>DWG-1002</b> Blueprint Reading Fundamentals - Engineering Drawing Terminology	1.5
<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>MTH-1008</b> Cartesian Coordinates - Cartesian Coordinates	0.9
<b>MTH-1009</b> The Metric System - The Metric System	1.1
<b>GEO-1001</b> Geometry - Introduction to Geometry	0.7
<b>GEO-1002</b> Geometry - Basic Building Blocks of Geometry	0.8
<b>GEO-1003</b> Geometry - Angles	0.9
<b>GEO-1004</b> Geometry - Lines	0.9
<b>GEO-1005</b> Geometry - Polygons	1.1
<b>GEO-1006</b> Geometry - Triangles	1.3
<b>GEO-1007</b> Geometry - Quadrilaterals	0.9
<b>GEO-1008</b> Geometry - Circles	0.9

*Estimated training hours: 21.4*

## ELECTIVES

<b>TIM-1001</b> Time Management - Managing Your Time	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: 7.2*

*Total estimated training hours: 28.6*