

# Course Outline

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Application	Content	
<b>Spec Generator</b>	<ul style="list-style-type: none"> <li>▪ Creating New Specs</li> <li>▪ General Parameters and Interconnection to Drafting applications and BOMs</li> <li>▪ Importing and Export Specs</li> </ul>	<ul style="list-style-type: none"> <li>▪ Customizing Material Information</li> <li>▪ Customized Rating Display</li> <li>▪ Branch Fittings Table</li> <li>▪ Wall Thickness Table</li> </ul>
<b>Standards Manager</b>	<ul style="list-style-type: none"> <li>▪ Creating New Standards</li> <li>▪ File Locations and Drawing Management</li> <li>▪ Relationship with the Drawing Manager</li> </ul>	<ul style="list-style-type: none"> <li>▪ Filtering Specifications</li> <li>▪ Multiple Block Locations</li> <li>▪ Layers and the AutoCAD OEM Layer Manager</li> <li>▪ Importing and Exporting Standards</li> </ul>
<b>Setup Maintenance</b>	<ul style="list-style-type: none"> <li>▪ Proper Update Procedure</li> </ul>	<ul style="list-style-type: none"> <li>▪ File locations</li> </ul>
<b>Isometrics</b>	<ul style="list-style-type: none"> <li>▪ Navigating the Toolbox</li> <li>▪ INFO blocks</li> <li>▪ Dimensional files</li> <li>▪ Changing Isoplanes</li> <li>▪ Adding Equipment and Piping</li> <li>▪ AutoRoute</li> <li>▪ Dimensioning (including Sub-Dimensioning, Offset, Rolled Offset)</li> </ul>	<ul style="list-style-type: none"> <li>▪ BOM generation</li> <li>▪ Custom Items, Remove Items from BOM</li> <li>▪ Resolving errors and making corrections</li> <li>▪ Overrides</li> <li>▪ Supports</li> <li>▪ Steel</li> <li>▪ Annotations</li> </ul>
<b>BOM Settings Manager</b>	<ul style="list-style-type: none"> <li>▪ Updating columns of data</li> <li>▪ Changing groups of components</li> </ul>	<ul style="list-style-type: none"> <li>▪ Changing numbering</li> <li>▪ Sorting options</li> <li>▪ Cut versus Total</li> </ul>
<b>P&amp;ID</b>	<ul style="list-style-type: none"> <li>▪ Navigating the Toolbox</li> <li>▪ Placing equipment, lines</li> <li>▪ In-Line Symbols</li> <li>▪ Flange Options for Valves</li> <li>▪ Small Valves versus Regular Valves</li> </ul>	<ul style="list-style-type: none"> <li>▪ Instrumentation</li> <li>▪ Annotations</li> <li>▪ Trim Lines</li> <li>▪ Auto Arrow</li> <li>▪ List generation</li> </ul>

Application	Content
<b>Plans &amp; Elevations</b>	<ul style="list-style-type: none"><li>▪ Navigating the Toolbox</li><li>▪ Double and Single Line Drafting</li><li>▪ Scale Factors</li><li>▪ Adding Equipment and Piping</li><li>▪ AutoRoute</li><li>▪ Dimensioning</li><li>▪ BOM generation – compare with Isometrics</li><li>▪ Resolving errors and making corrections</li><li>▪ Overrides</li></ul>