

2D Software Course Outline

Application	Content	
Standards Manager	 Creating New Standards File Locations and Drawing Management Relationship with the Drawing Manager 	 Filtering Specifications Multiple Block Locations Layers and the AutoCAD Layer Manager Importing and Exporting Standards
Spec Generator	 Creating New Specs General Parameters and Interconnection to Drafting applications and BOMs Importing and Export Specs 	 Customizing Material Information Customized Rating Display Branch Fittings Table Wall Thickness Table
BOM Settings Manager	Updating data columnsChanging groups of components	 Changing numbering Sorting options Cut Length vs Total Length
P&ID	 Navigating the Toolbox Placing equipment, lines In-Line Symbols Flange Options for Valves Small Valves vs Regular Valves 	 Instrumentation Annotations Trim Lines Auto Arrow List generation
ORTHO	 Navigating the Toolbox Double and Single Line Drafting Scale Factors Adding Equipment and Piping 	 AutoRoute Dimensioning BOM generation Resolving errors and making corrections Overrides
ISOMETRIC	 Navigating the Toolbox INFO blocks Dimensional files Changing Isoplanes Adding Equipment and Piping AutoRoute Dimensioning (including Sub-Dimensioning, Offset, Rolled Offset) 	 BOM generation Special Items, Remove Items from BOM Resolving errors and making corrections Overrides Supports Steel Annotations



PROCAD 2D Software Course Outline

Application	Content	
ELECTRIC	 Navigating the Toolbox Single Line Diagrams Schematic / Layout drawings Placing equipment and Lines 	 In-Line Symbols Annotations Lighting Schedules Cable Trays
User Settings Manager	Changing AutoCAD versionsAutoCAD Profile	Snap/Grid Setting4K Monitor Support (menu icon size)
Setup Maintenance	Changing Program/Application Location	 Datafile path locations
License Manager	License Activation	 License Return

NOTES: