



MLC CAD Systems SolidWorks Drawings 2010

Atlanta, GA

866-964-2652 Toll Free
770-963-7056 Fax

Austin, TX

800-364-1652 Toll Free
512-288-8512 Fax

Birmingham, AL

866-461-1652 Toll Free
866-461-0652 Fax

Dallas, TX

866-365-1652 Toll Free
972-550-1653 Fax

Ft Worth, TX

866-365-1652 Toll Free
972-550-1653 Fax

Houston, TX

866-464-1652 Toll Free
713-682-7541 Fax

Huntsville, AL

866-461-1652 Toll Free
866-461-0652 Fax

Jackson, MS

866-601-2652 Toll Free
601-353-0337 Fax

New Orleans, LA

866-364-2652 Toll Free
504-525-1651 Fax

Orlando, FL

866-966-1652 Toll Free
866-966-1651 Fax

Stillwater, OK

866-364-4652 Toll Free
405-742-4653 Fax

Length: 2 days

Prerequisites: SolidWorks Essentials

Description: This course teaches you how to make drawings of SolidWorks parts and assemblies.

Lesson 1: Drawing Sheets and Views

Drawing Sheets and Views
Terminology
Drawing Views
Sketching in Drawing Views
View Settings
Centermarks and Centerlines
Model Edges in the View

Lesson 2: Dimensions

Dimensions
Moving and Deleting Dimensions
Dimension Properties

Lesson 3: Annotations

Adding Annotations
Annotation Types
Blocks

Lesson 4: Sheet Formats and Templates

Sheet Formats and Templates
Drawing Templates
Properties in the Template
User Defined Properties
Customizing a Sheet Format
Importing Legacy Data
Define Title Block
Updating Sheet Formats

Lesson 5: Assembly Drawing Views

Assembly Drawing Views
Creating Views of Assemblies

Lesson 6: Bill of Materials and Tables

Creating and Managing a Bill of Materials
The Bill of Materials
Adding a BOM
Modifying the BOM
Tabulated Bill of Materials
Design Tables in the Drawing

Lesson 7: Performance and Display Issues

Performance and Display Issues
Large Assembly Mode
Lightweight Drawings
Detached Drawings
Display Issues in Drawing Views

Lesson 8: Drawing References and Comparison

Reusing a Drawing File
Changing Drawing References
Using DrawCompare
Design Checker

Lesson 9: Using DimXpert and TolAnalyst

DimXpert
Tolerance Types and Features
DimXpert Selections
Settings for DimXpert
Auto Dimension Scheme
Turned Part
Using Plus and Minus
DimXpert Annotations and Drawings
Using DimXpert Manually
TolAnalyst

Appendix A: Preparations for Detailing

Appendix B: Drawing Sheets and Views

Drawing Sheets and Views
Drawing Views

Appendix C: Center Marks and Centerlines

Appendix D: Dimensions

Appendix E: Annotations

Appendix F: Sheet Formats and Templates

Appendix G: Assembly Drawing Views

Appendix H: Bill of Materials and Tables

Appendix I: Settings

Settings
System Options
Document Properties
Drafting Standard
Annotations
Dimensions
Tables
Build Check Category

