3S SOLIDWORKS   invenio

Training
SolidWorks Drawings

Description	This course teaches you how to make drawings of SOLIDWORKS parts and assemblies.
Prerequisites	SolidWorks Essentials course
Duration	3 Days

Course Outline

Introduction	About This Course
Lesson 1	**Review of the Basics** • Review of Essentials • Drawing System Options • Beginning a New Drawing • View Palette and Model Views • Detailing Techniques • Section Views • Detail Views • Moving Drawing Views • Moving Dimensions • Center Marks and Centerlines • Assembly Drawing Review • Adding Sheets
Lesson 2	**Understanding Drawing Templates** • Structure of a Drawing Document • Drawing Document • Drawing Sheet • Sheet Format • Understanding Drawing Templates • Drawing Template Design Strategy • Designing a Drawing Template • Creating a Sample Model and Drawing
Lesson 3	**Customising the Sheet Format** • Customise the Sheet Format
Lesson 4	**Saving and Testing the Sheet Format File** • Sheet Format Properties and Behaviour • Saving and Testing the Sheet Format • Testing Sheet Format Properties
Lesson 5	**Creating Additional Sheet Formats and Templates** • Creating Additional Sheet Formats • Drawing Templates with Sheet Formats • Other Drawing Template Items • Property Tab Builder • Properties.txt File

Lesson 6	**Advanced Options for Drawing Views** • Advanced Drawing Views • Showing Hidden Edges • Broken-out Section View • Auxiliary View • Rotating Views • Crop View • Understanding View Focus • Advanced Views for Assemblies • Section Scope • Alternate Position View • Using Configurations • Custom View Orientations • New and Relate View • 3D Drawings
Lesson 7	**Understanding Annotation Views** • Understanding Annotation Views
Lesson 8	**Advanced Detailing Tools** • Detailing Tools • Annotation Views vs Model Items • Parametric Notes • Dimension Types • Arranging Dimensions • Dimension Styles • Location Labels
Lesson 9	**Advanced Options for BOM Tables** • Tables in SOLIDWORKS • BOM Properties • Displaying the BOM Structure • Modifying a Table • Saving a Table Template • Properties in BOM Tables • BOM Component Options • Balloon Indicator
Lesson 10	**Additional SOLIDWORKS Tables** • Inserting a Hole Table • Splitting a Table • Using a Revision Table • Leader Annotation Options • Design Tables in Drawings
Lesson 11	**Additional Drawing Tools** • Reusing Drawings • Draw Compare • SOLIDWORKS Design Checker • SOLIDWORKS Task Scheduler

Lesson 12	**Managing Performance**
	• Performance Evaluation
	• Detailing Practices
	• System Options and Document Properties
	• Open Options
	• Detached Drawings
	• Hardware and Performance
	• Additional Considerations
	• Quick Reference Guide