SIEMENS SOLID EDGE ADVANCED TRAINING

Objectives

This training courses introduces trainee the basic commands and tools necessary for advanced assembly in solid edge software. After completing this course trainee will be able to:

- ✓ Apply all of the relationships used to construct assembly model
- ✓ Assemble and edit parts that already exist
- ✓ Create path within assembly
- ✓ Understand advanced assembly commands

Pre-requisites

- ✓ This training is designed for Solid Edge user. It is recommended that user have a basic knowledge of Solid Edge.

Duration
2-Day

Training Programme Day 1

Chapter	Topic	Duration	Time
Chapter 1	**Additional Relationships** • Insert Component command • Assembly command • Match Coordinate Systems • Rigid relationship • Cam and Path relationship • Range • Repair missing files • Assembly Relationship Assistant • Assembly Relationship Manager	**1-Hours**	**09.00 AM - 10.00 AM**

Chapter	Topic	Duration	Time
Chapter 2	**Assembly features and Editing** • Assembly based features • Assembly patterning • Duplicate Component • Move Components • Editing Assemblies • Replace Part • Repair missing files	**2-Hours**	**10.00 AM - 12.00 AM**
Chapter 3	**Designing in the context of an assembly** • Bottom Up Design vs. Top Down Design • Create in Place • Associative modelling through Inter-Part Linking • Assembly Restructure	**1-Hours**	**12.00 AM – 01.00 PM**
Chapter 4	**Additional Assembly Design Tools** • Fastener System command • System Libraries	**1-Hours**	**02.00 PM – 03.00 PM**
Chapter 5	**Working with large assemblies** • Selection Tools • Display Tools • Queries • Zones • Configurations • Simplified Parts • Simplified Assemblies • Limited Update • Limited Save • Update options	**1-Hours**	**03.00 AM – 04.00 PM**
Chapter 6	**Inspecting assemblies** • Physical Properties • Drag Component • Motion • Sensors • Interference Checking	**1-Hours**	**04.00 PM – 05.00 PM**

Chapter	Topic	Duration	Time
Chapter 7	**Explode and section views** • Creating exploded views • Creating flow lines • Simply Animation of exploded views • Creating section views	**1-Hours**	**09.00 AM - 10.00 AM**
Chapter 8	**Alternate assemblies** • Alternate components • Creating and modifying new alternate assemblies • The difference between alternate assemblies and alternate positions • How to work with alternate positions	**2-Hours**	**10.00 AM - 12.00 AM**
Chapter 9	**Assembly Reports** • Types of Reports • Creating Assembly Reports • Item numbers in assemblies • Occurrence Properties	**1-Hours**	**12.00 AM – 01.00 PM**
Chapter 10	**Adjustable parts and assemblies** • Adjustable Parts • Adjustable Parts in Assemblies • Adjustable Assemble	**2-Hours**	**02.00PM – 04.00 PM**
Chapter 11	**Virtual components in assemblies** • Adjustable Parts • Adjustable Parts in Assemblies • Adjustable Assemble	**1-Hours**	**04.00 AM– 05.00 PM**