PLM RESOURCES GMBH

TRAINING CATALOG

SIEMENS

Answers for industry.

TEAMCENTER:
Simplifying PLM

sieme

TEAMCENTER

INTRODUCTION

PLM RESSOURCES GMBH   IS A COMPANY THAT BASES ITS FOUNDATIONS ON THE CONTRIBUTION OF ADDED VALUES TO ITS CUSTOMERS, HELPING THEM FOCUS ON ALL OF THEIR INTERNAL PROCESSES IN ORDER TO CONCENTRATE ON THE CONTINUOUS IMPROVEMENT OF THEIR PRODUCTS.

PLM RESOURCES, OFFICIAL PARTNER OF SIEMENS DIGITAL INDUSTRIES SOFTWARE IN NORTH AFRICA, AIMS TO OFFER A VARIETY OF SOFTWARES IN DIFFERENT AREAS SUCH AS TECNOMATIX, **TEAMCENTER**, SIMCENTER, NX AND SOLID EDGE.

TEAMCENTER   **SIEMENS**

TEAMCENTER

Teamcenter software is a modern, adaptable product lifecycle management (PLM) system that connects people and processes, across functional silos, with a digital thread for innovation

Teamcenter Foundation

ID: PLM-2023-TF

Duration: 4 days

Prerequisites: No prerequisites required Overview:

The Teamcenter Foundation course introduces the concept of product lifecycle management. It provides instruction on working in the rich client interface and the basics of using Teamcenter, including applying basic use cases, managing product supporting documents, managing your product structure, visualizing your product model, managing your release processes, and managing changes.

Who should attend:The primary audience for this course are users who design, configure and release data using Teamcenter.

Primary course topics

Day 1 :

- An Introduction to Teamcenter.
- Working with items. Importing your data files.
- Applying data security practices.
- Finding content using Search. Working with projects.
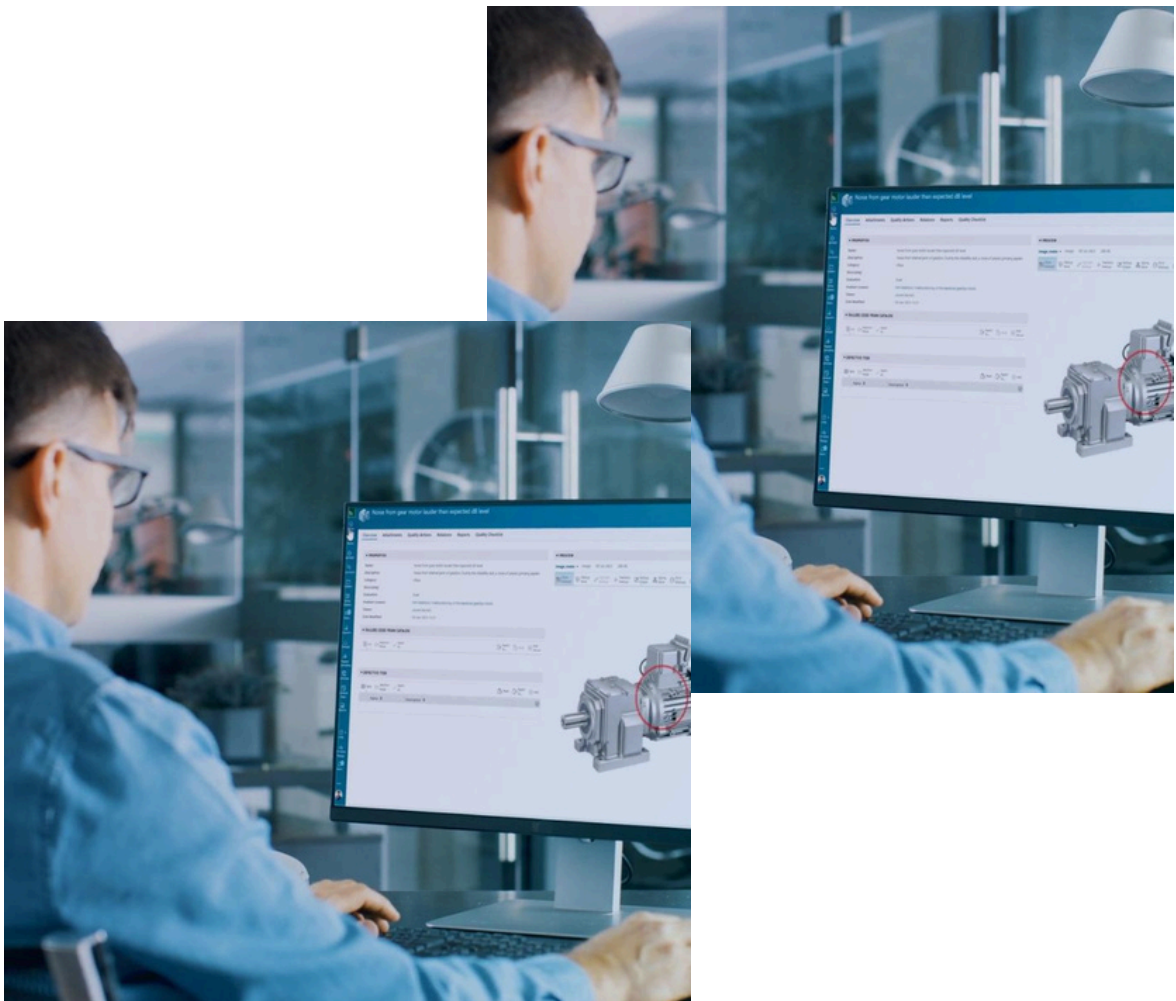- Configuring behavior using options and preferences.

Day 2:

- Managing Teamcenter data in real time with Microsoft Office.
- Update BOM properties in real time with live Excel.
- Opening and viewing product structures.
- Controlling assembly configuration views.
- Creating, editing, and analyzing product structures.

Day 3:
- Navigating the structure relation hierarchy.
- Classifying and using standard product data.
- Searching for Classified data.
- Viewing visualization data.
- Initiate a workflow.
- Managing workflow task assignments.
- Managing workflow processes.
- Managing workflow with Microsoft Office.

Day 4:
- Introduction to managing changes.
- Creating problem reports.
- Creating change requests.
- Elaborating and executing the change.

TEAMCENTER INTEGRATION FOR NX USERS

ID : PLM-2024-TINXU

Duration: 1 Day

Prerequisites: No prerequisites required

Overview: The Teamcenter Integration for NX course addresses using the integration of NX CAD software and Teamcenter product data management to create and manage NX parts and other engineering data. Hands-on activities demonstrate various methods of creating, revising, finding, viewing and managing product data.

Who should attend: Workflow contributors and Authors

Primary course topics

Day 1 :

- What is PDM?
- What is the Teamcenter Rich Application Client?
- Person, Users, Roles and Groups.
- What is Teamcenter Integration?
- The Teamcenter Integration Open Part File dialog.
- The Teamcenter Integration Create new Part File dialog.
- Default Container, Create Folder.
- Open Folder as Templates Palette.
- Teamcenter Integration Preferences.
- What are Items, Item-revisions and Datasets.
- Create new modeling files (Master-parts) and related files (Non-Master-parts).
- Search function in Teamcenter Integration.
- Create Assemblies in Teamcenter Integration.
- Opening Assemblies in Teamcenter Integration.
- Implicit and explicit Check-out Check-in mechanism.
- Introduction of Revision Rules.
- Where-Referenced and Where-used.
- Starting a Workflow process (introduction workflow).

TEAMCENTER VISUALIZATION PROFESSIONAL

D : PLM-2023-TVP

Duration: 2 days

Prerequisites: No prerequisites required

Overview: This training teaches how to view, measure, annotate, manipulate and analyze 3D models and 2D images in Teamcenter Visualization. Learn how to share your analytics across your business.

Who should attend : Engineers, designers and anyone else who needs to see 3D or 2D models and enrich that content to share with others.

Primary course topics :

Day 1 :

- Introduction.
- Course content.
- Open files.
- Understand the user interface.
- Working with the assembly tree.
- Control the visibility of parts.
- Select parts.
- Navigate between models.
- Set user preferences.
- Advanced Navigation Methods.
- Part Properties and Attributes.
- Alternative hierarchies,Exploded views,Snapshots.
- Appearance of parts.
- Realistic rendering.
- Advanced part appearance.
- Parts processing.
- Use manipulators to rotate and translate parts.
- Relocate parts by referencing other parts.
- Use Parts Manipulation mode to move them.

Day 2 :

- Measure 3D models.
- Slice models.
- 3D coordinate systems.
- Creating a motion file.
- Reading Motion Files.
- Movie recording.
- Parts Comparison.
- Visual reports.
- Visualization of CAE results.
- PMI display.
- 3D annotations.
- Legends and symbols.
- Creation of parts reports.
- Vectors.
- 3D dimensions and tolerances (GDT).
- Capturing 2D images and 3D models.
- Working with 2D images. save work.
- Hold virtual conferences.

TEAMCENTER VISUALIZATION MOCKUP

ID: PLM-2023-TVM

Duration: 3 days

Prerequisites: No prerequisites required

Overview: Learn to view, measure, markup, manipulate, and analyze 3D models and 2D images in Teamcenter Visualization Mockup. Learn how to share your analysis through the enterprise. The first two days of this course are identical to the Lifecycle Visualization Professional course. This course adds a third day of Mockup-only advanced features and advanced exercises.

Who should attend: Engineers, designers, and others who need to view 3D models and 2D images, add markups, perform analysis, and communicate with others

Primary course topics

- Navigate around 3D models.
- Select parts and control part visibility.
- View assembly structure and part attributes.
- Modify part appearance.
- Move, rotate, and scale parts.
- Create visual reports. Section 3D models.
- Mark up, measure, and compare 3D models.
- Play motion files and record movies.
- Capture 2D images of 3D models.
- Annotate, measure, and compare 2D images.
- Hide obscuring parts and clip areas from models.
- Group parts, align parts, and use filters.
- Generate part extraction paths.
- Check clearances.
- Constrain parts.

SCHEDULE MANAGER

ID: PLM-2023-SCHM

Duration: 2 days

Prerequisites: No prerequisites required

Overview: The Teamcenter Schedule Manager course provides instruction on how to use the Teamcenter Schedule Manager software in three main focus areas: Schedule Management; Resource Management; and Teamcenter Integration. Concepts and procedures for creating schedules, milestones, and tasks, assigning resource to tasks, and integrating with other applications for workflows, phase gate, and reports, are taught in this course.

Primary course topics

Create schedules, tasks, and milestones.

Day 1:

- Link and constrain tasks.
- Assign tasks and create disciplines.
- Create and use schedule templates.
- Create and link to workflows.

Day 2:

- Create a phase gate process.
- Manage user permissions.
- Manage deliverables.
- Create reports and dashboards.
- Use the notification and subscription wizard.