

Windchill PDMLink 10.1

Curriculum Guide



Live Classroom Curriculum Guide

- Update to Windchill PDMLink 10.1 from Windchill PDMLink 9.0/9.1
 - Introduction to Windchill PDMLink 10.1 for Light Users
 - Introduction to Windchill PDMLink 10.1 for Heavy Users
 - Introduction to Windchill PDMLink 10.1 for the Implementation Team
 - Creo Parametric Data Management with Windchill PDMLink 10.1
 - Managing Design Variations with Windchill PDMLink 10.1
 - Business Administration of Windchill PDMLink 10.1
 - Workflow Administration of Windchill 10.1
 - System Administration of Windchill 10.1
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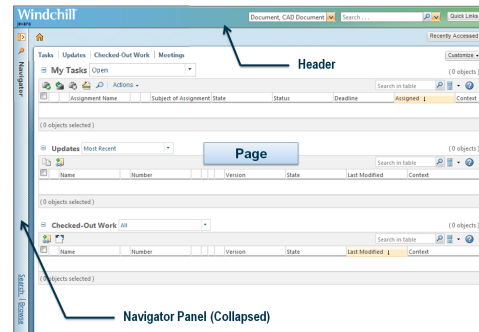
Update to Windchill PDMLink 10.1 from Windchill PDMLink 9.0/9.1

Overview

Course Code TRN-3800-T

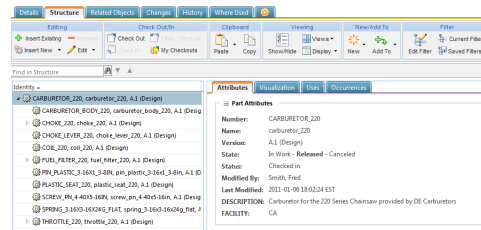
Course Length 1 Day

This course is designed for users who need to update their Windchill knowledge and skills from Windchill PDMLink 9.0 or 9.1 to work in a Windchill PDMLink 10.1 environment. After completing the course, you will be able to identify and use new Windchill PDMLink features and perform common tasks and activities available in Windchill PDMLink 9.0 or 9.1 using the new Windchill PDMLink 10.1 interface. In this course, you will learn about the feature and interface updates to Windchill PDMLink 10.1 from Windchill PDMLink 9.0 and 9.1. You will also be taught about general Windchill usability enhancements, new ways to work with Windchill business objects, and specific enhancements for managing documents. Finally, you will learn about changes in how you participate in processes, creating and delivering work packages, and updates to change and configuration management. At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Describe the updates to the Windchill user interface including the home page, quick links, and Windchill navigator.
- Configure your Windchill environment by customizing your home page, context pages, object information pages, and table columns and views.
- Locate information by searching or browsing for Windchill objects and navigating through context page options.
- Work with objects by using context actions and enhanced management tools such as multi-object edit, the Windchill clipboard, and event manager.
- Manage Windchill documents directly from Microsoft Windows Explorer or Microsoft Office using the latest version of desktop integration.
- Use the new create and update interfaces available for working with documents.
- Describe enhancements to collaborating with others in the Windchill environment.
- Review and manage processes and process history.
- Manage and reassign workflow tasks, life cycles, and teams.
- Create and manage work packages.
- Describe enhancements to Windchill change management, including new wizard-based change management forms and being able to use the Windchill collector to quickly find and include related objects in complex dependency operations.
- Use the new work items table to manage work being done on changes.
- Create and manage variances, including waivers and deviations.
- Describe enhancements to the Windchill product structure management, including BOM notes, effectivity processing, structure filtering, structure compare, and configurations and instances.
- Explore and use the new Product Structure Browser interface.



Prerequisites

- Working knowledge of Windchill PDMLink 9.0 or Windchill PDMLink 9.1

Audience

- This course is designed for users who need to update their Windchill knowledge and skills from Windchill PDMLink 9.0 or 9.1 to work in the Windchill PDMLink 10.1 environment.
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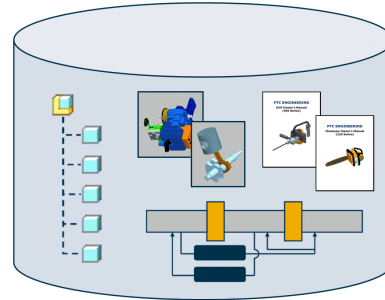
Introduction to Windchill PDMLink 10.1 for Light Users

Overview

Course Code TRN-3805-T

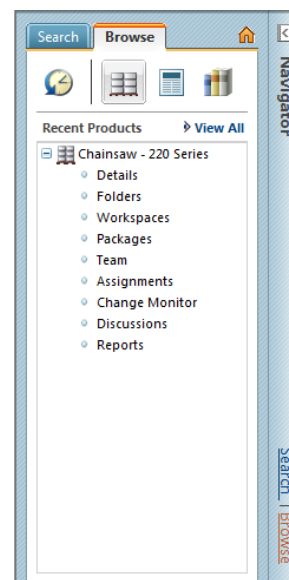
Course Length 1 Day

In this course, you will learn how to complete basic functions to navigate and view information within Windchill PDMLink. You will also learn how to access and navigate the Windchill PDMLink environment, view product information, use Windchill PDMLink's visualization tools, manage assigned tasks, and perform basic work management functions. This course is designed for users who need to access the Windchill PDMLink system to view information, perform system tasks, or use product information in making business decisions. After completing the course, you will be able to complete basic Windchill PDMLink tasks and activities, as well as have a better understanding of how to use the Windchill PDMLink system., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the Windchill PDMLink environment and terminology
- Locate product information
- View product information
- Understand visualization concepts and terminology
- Use Creo View Lite to view product information
- Use Windchill PDMLink tools to manage your work
- Participate in Windchill PDMLink processes



Prerequisites

- Basic browser and Web navigation skills

Audience

- This course is intended for users who need to access the Windchill PDMLink system to view information, perform system tasks, or use product information when making business decisions.
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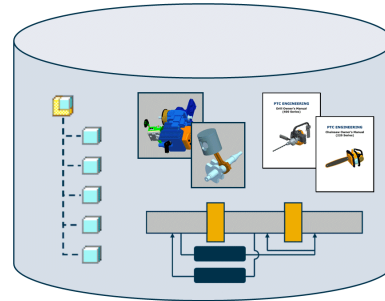
Introduction to Windchill PDMLink 10.1 for Heavy Users

Overview

Course Code TRN-3806-T

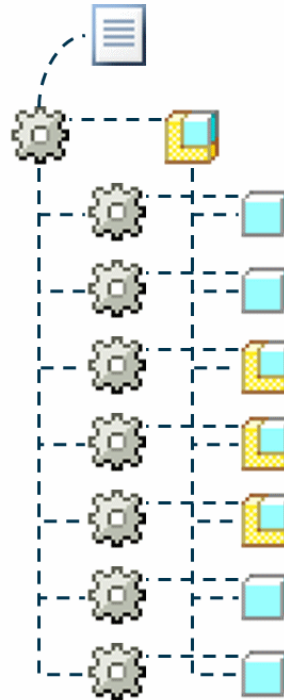
Course Length 2 Days

In this course, you will learn how to complete the day-to-day functions that enable you to create and manage product information with Windchill PDMLink. You will learn how to access and navigate the Windchill PDMLink environment, use Windchill PDMLink's visualization tools, manage product structures, and manage product information changes. Other topics include how to use Windchill PDMLink's communication and collaboration tools, and access user support functions and information., This course is designed for users who need to access the Windchill PDMLink system to view, create, and manage product information. For users who require CAD data management training, this course should be followed with the appropriate CAD data management course for the user's design tool. After completing the course, you will be able to complete Windchill PDMLink data management tasks and activities, as well as have a better understanding of how to use the Windchill PDMLink system., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the Windchill PDMLink environment and terminology
- Locate and view product information
- View information using Creo View Lite
- Understand the principles of product structure management
- Create and manage product structures
- Create and manage documents
- Understand the Windchill PDMLink change process
- Initiate and implement product change
- Use Windchill PDMLink tools to manage your work



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product management processes and deliverables

Audience

- This course is designed for users who need to access the Windchill PDMLink system to view, create, and manage product information.

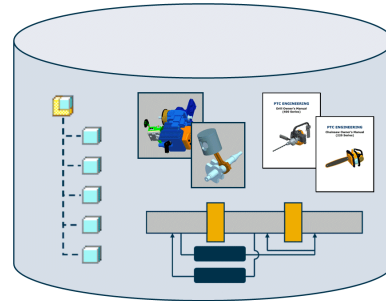
Introduction to Windchill PDMLink 10.1 for the Implementation Team

Overview

Course Code TRN-3807-T

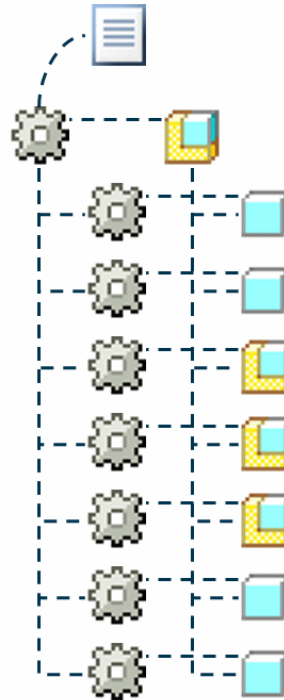
Course Length 2 Days

In this course, you will learn how to complete basic Windchill PDMLink functions. You will learn how to access and navigate the Windchill PDMLink environment, use Windchill PDMLink's visualization tools, manage CAD and product information, and manage product information changes. Other topics include how to use Windchill PDMLink's communication and collaboration tools, and access user support functions and information. This course is designed to provide broad and basic coverage of Windchill PDMLink functionality to members of the Implementation Team. After completing the course, you will have a comprehensive understanding of Windchill PDMLink capabilities, which will enable you to contribute to the successful implementation of Windchill PDMLink to meet your company's Product Lifecycle Management goals., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the Windchill PDMLink environment and terminology
- Locate and view product information
- View information using Creo View Lite
- Understand the principles of CAD data management
- Initiate new designs and share design information
- Modify and manage design information
- Understand the principles of product structure management
- Create and manage product structures
- Create and manage documents
- Understand the Windchill PDMLink change process
- Initiate and implement product change
- Use Windchill PDMLink tools to manage your work



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product management processes and deliverables

Audience

- This course is intended for members of the Implementation Team who need a broad understanding of Windchill PDMLink functionality to successfully implement the system.

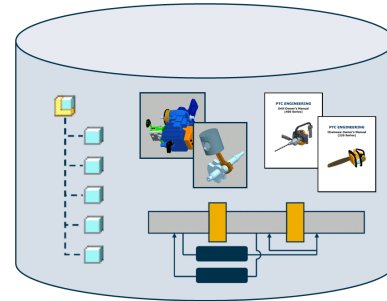
Creo Parametric Data Management with Windchill PDMLink 10.1

Overview

Course Code TRN-3812-T

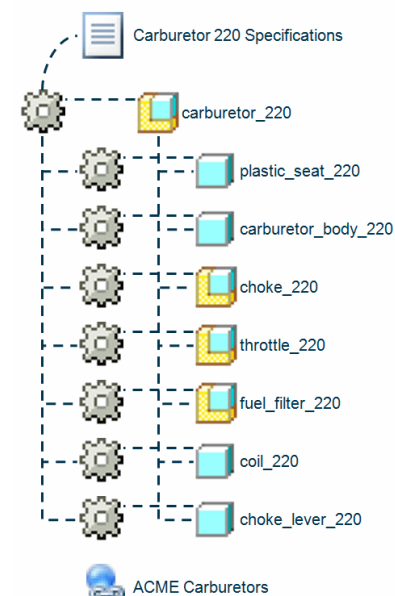
Course Length 1 Day

After completing this course, you will be prepared to complete basic Windchill PDMLink CAD data management tasks and activities. You will also have a better understanding of Windchill CAD data management processes. In this course, you will learn key capabilities and features of Windchill PDMLink CAD Data Management and how to use Windchill PDMLink to manage Creo Parametric design information. Specifically, you will focus on the day-to-day data management tasks required by the Creo Parametric user community, including how to use the CAD data structure to associate and build the product structure. You will also learn how to use Windchill to perform basic PDM functions on Creo Parametric CAD Documents and their associated Windchill parts, and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Locate design information
- View design information
- Create new designs and share design information
- Modify and manage existing design information
- Understand Windchill parts and their association to CAD documents
- Understand file relationships and dependencies
- Manage family tables
- Use workspace frames



Prerequisites

- Working knowledge of Creo Parametric
- Completion of any one of the following:
 - TRN-3805 Introduction to Windchill PDMLink 10.1 for Light Users
 - TRN-3806 Introduction to Windchill PDMLink 10.1 for Heavy Users
 - TRN-3807 Introduction to Windchill PDMLink 10.1 for the Implementation Team

Audience

- This course is intended for end users and System Administrators.
 - The topics in this course are also available as Web-based training courses.
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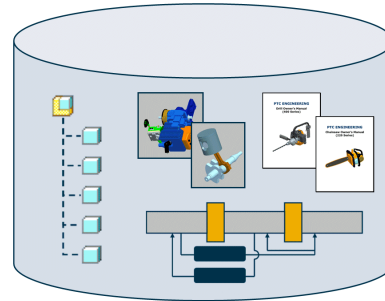
Managing Design Variations with Windchill PDMLink 10.1

Overview

Course Code TRN-3815-T

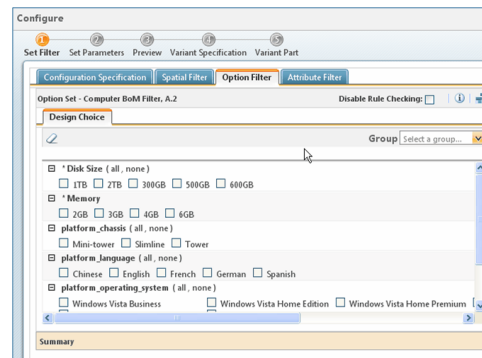
Course Length 1 Day

In this course, you will explore the capabilities, concepts, and processes for creating product options and variants. You will examine the environment and learn how to configure and organize your product structures to support your design variation requirements. Finally, you will learn how to share option-defined enterprise configurations and rules in Creo., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand Windchill design variation capabilities
- Create and manage options and choices definitions
- Use option sets to organize product families
- Set up configurable product structures
- Filter a configurable product structure
- Create and manage variants
- Search for options and choices
- Understand AnyBOM configuration management
- Use Variant Builder



Prerequisites

- Completion of one of the following courses:
 - WBT-3806 Introduction to Windchill PDMLink 10.1 for Heavy Users
 - WBT-3807 Introduction to Windchill PDMLink 10.1 for the Implementation Team

Audience

- This course is intended for users that will be developing the required options and variants, and who already understand Windchill product structures.

Business Administration of Windchill PDMLink 10.1

Overview

Course Code **TRN-3820-T**

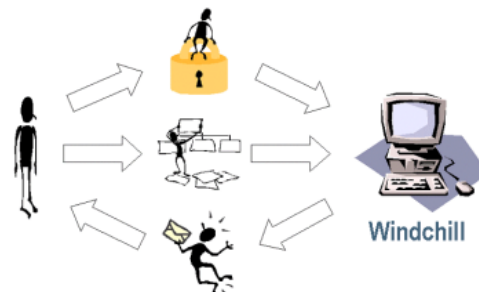
Course Length **3 Days**

After completing this course, you will be well prepared to set up and manage a basic Windchill PDMLink implementation at your company. In this course, you will gain an understanding of basic Windchill PDMLink administration tasks. You will learn how to create user accounts and groups, and plan and create information management storage strategies. Other topics will include life cycles, workflows, teams, and configuring domain policies. These skills enable a business administrator to configure Windchill PDMLink to meet business needs, and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the processes involved in defining your business environment.
- Identify the use of a Windchill Organization.
- Create an organization.
- Create and manage user accounts and groups.
- Identify best practices for managing organizations, groups, and user accounts.
- Identify contexts and their relationships.
- Distinguish Windchill object names and their corresponding object type class names.
- Create Global Attributes.
- Add attributes to a Windchill Type.
- Create a Windchill Type.
- Identify and set object initialization rules.
- Implement custom versioning sequences.
- Create and define life cycle and workflow templates.
- Associate life cycle and workflow templates.
- Understand the Windchill domain policy architecture.
- Define access control policies.
- Identify individual access control permissions.
- Administer and troubleshoot access control lists.



- Define notification policies.
- Define indexing policies.
- Use Context Teams to apply access control.
- Use Context Teams and team templates to conduct workflow role resolution.
- Create and manage document templates within product, library, and organization contexts.
- Identify how to create CAD document templates.
- Create, manage, and edit promotion preferences.
- Identify the promotion review and approval processes.
- Use ModelCHECK validation during Check In.
- Administer administrator-saved searches.
- Administer user profiles.
- Administer Windchill views.
- Administer calendar functions.
- Administer organization preferences.
- Identify the report manager functions.
- Identify visualization publishing controls.
- Identify purge manager functions.
- Audit system events.

Prerequisites

- Any one of the following courses:
 - TRN-3805 Introduction to Windchill PDMLink 10.1 for Light Users
 - TRN-3806 Introduction to Windchill PDMLink 10.1 for Heavy Users
 - TRN-3807 Introduction to Windchill PDMLink 10.1 for the Implementation Team

Audience

- This course is intended for business administrators, system administrators, and project team leaders. Implementation team members, including user adoption team members, and those with general Windchill PDMLink administration responsibilities will also benefit from taking this course.

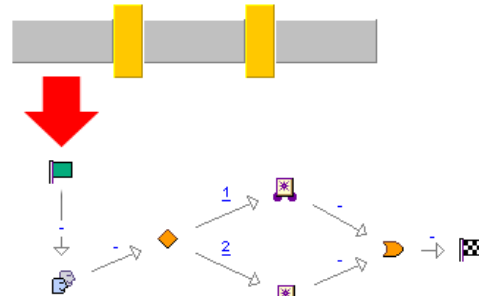
Workflow Administration of Windchill 10.1

Overview

Course Code TRN-3824-T

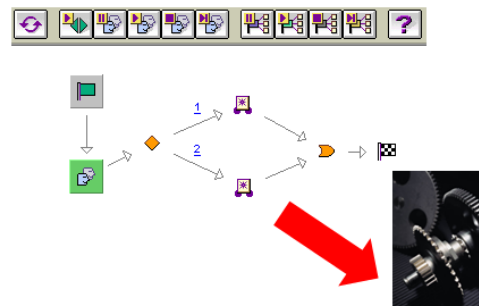
Course Length 3 Days

After completing this course, you will be able to plan and configure workflow automation features to support your company's business processes., In this course, you will learn Windchill Workflow features and how to design, configure, and test workflow processes., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Describe the business objects that control and define the Windchill business process definition.
- Identify the tools used to manage workflow templates.
- Display, create, and modify workflow templates.
- Determine what a pre-written workflow process does.
- Initiate, track, and manage workflow processes.
- Define and configure assigned activities.
- Use connectors in workflow templates.
- Use links in workflow templates.
- Group workflow nodes into block processes.



- Create references to other workflow templates using proxy processes.
- Send notifications from a workflow process.
- Check an object in or out automatically in a workflow process.
- Move a Windchill object through its life cycle using workflow processes.
- Create a time delay in a workflow process.
- Launch an external application from a workflow process.
- Execute a Java expression within a workflow process.
- Synchronize a workflow process with a system event.
- Communicate with another server using a URL from a workflow process.
- Configure basic and advanced life cycles.
- Specify the workflows to be used in advanced life cycles.
- Configure a promotion request.
- Modify a workflow for use with promotion requests.

Prerequisites

- Any one of the following courses:
 - T3820 (WBT-3820-0) Business Administration of Windchill PDMLink 10.1
 - T3821 (WBT-3821-0) Business Administration of Windchill ProjectLink 10.1
 - T3823 (WBT-3823-0) Business Administration of Arbortext Content Manager 10.1

Audience

- This course is intended for Windchill business administrators and application developers.
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System Administration of Windchill 10.1

Overview

Course Code TRN-3826-T

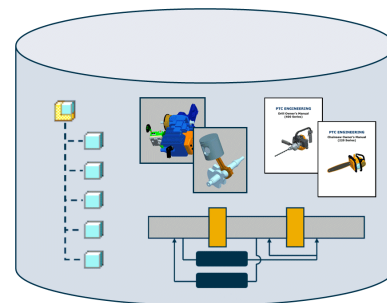
Course Length 3 Days

In this course, you will learn how to install and configure Windchill system components. You will also learn how to implement file vaulting and content replication. You will gain an understanding of how to perform routine Windchill system administration tasks, including how to manage Windchill services and optimize Windchill components for performance. Additionally, you will focus on daily, weekly, and monthly system maintenance tasks required by the Windchill system administrators. Other topics include managing an Oracle database, troubleshooting background queues, and controlling system backup procedures. At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary. Note: Due to the subject matter of this class, simulated software is used for Windchill installation to provide an accurate, effective, and efficient training experience that could not otherwise be duplicated in a standard classroom environment.



Course Objectives

- Introduction to Windchill architecture
- Installing and configuring Windchill solutions
- Implementing file vaulting and content replication
- Tuning Windchill components
- Tuning Windchill workflows
- Managing background queues
- Managing Oracle database
- Managing system backups
- Managing system logs and alerts
- Monitoring daily, weekly, and monthly tasks



Prerequisites

- Familiarity with the Windchill PDMLink 10.1 or Windchill ProjectLink 10.1 user interface
- Familiarity with the Windows command prompt and the ability to form and execute basic SQL statements

Audience

- This training course is intended for System Administrators and Application Developers.
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Web Based Curriculum Guide

- Locate and View Information with Windchill PDMLink 10.1
 - MCAD Data Management of Creo Parametric Designs with Windchill PDMLink 10.1
 - Product Structure Management with Windchill PDMLink 10.1
 - Design Variation Management with Windchill PDMLink 10.1
 - Standard Document Management with Windchill PDMLink 10.1
 - Change Management with Windchill PDMLink 10.1
 - Work Management with Windchill PDMLink 10.1
 - Business Administration Overview of Windchill PDMLink 10.1
 - User and Policy Administration of Windchill PDMLink 10.1
 - Data and Context Administration of Windchill PDMLink 10.1
 - Process Administration of Windchill PDMLink 10.1
 - Creo Parametric Data Administration in Windchill 10.1
 - System Administration Overview of Windchill 10.1
 - Installation and Configuration of Windchill 10.1
 - Performance Tuning of Windchill 10.1
 - Backup and Recovery of Windchill 10.1
 - System Monitoring and Maintenance of Windchill 10.1
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- Windchill PDMLink 10.1 for Information Viewers
 - Windchill PDMLink 10.1 for Reviewers and Approvers
 - Windchill PDMLink 10.1 for Creo Parametric Users
 - Windchill PDMLink 10.1 for Engineers
 - Windchill PDMLink 10.1 for Manufacturing Engineers
 - Windchill PDMLink 10.1 for Configuration Managers
 - Windchill PDMLink 10.1 for Document Editors and Authors
 - Windchill PDMLink 10.1 for Managers
 - Update to Windchill PDMLink 10.1 from Windchill PDMLink 9.0/9.1
 - Introduction to Windchill PDMLink 10.1 for Light Users
 - Introduction to Windchill PDMLink 10.1 for Heavy Users
 - Introduction to Windchill PDMLink 10.1 for the Implementation Team
 - Creo Parametric Data Management with Windchill PDMLink 10.1
 - Managing Design Variations with Windchill PDMLink 10.1
 - Business Administration of Windchill PDMLink 10.1
 - System Administration of Windchill 10.1
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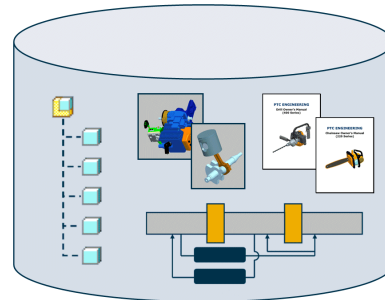
Locate and View Information with Windchill PDMLink 10.1

Overview

Course Code WBT-3700-0

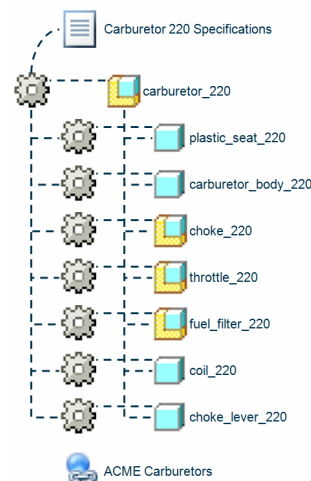
Course Length 2.5 Hours

This course constitutes a comprehensive review of Windchill PDMLink locate and view functionality. In addition, the content is built to support topic-based course configurations. In this course, you will learn basic skills required to access and view information, such as: logging on, accessing help, and locating and viewing product information. At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Identify and describe the capabilities of Windchill's primary object types
- Identify Windchill storage locations, iteration and revision controls, process controls, access controls, and collaboration features
- Access Windchill
- Navigate within Windchill
- Access Help
- Execute simple and advanced searches
- Save searches
- Browse contexts
- Use, manage, and create Windchill table views
- View the attributes, content, and relationships of Windchill objects



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables

Audience

- This course is intended for any user that needs to access product information residing within the Windchill PDMLink system.
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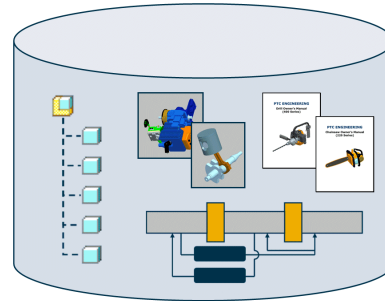
MCAD Data Management of Creo Parametric Designs with Windchill PDMLink 10.1

Overview

Course Code WBT-3702-0

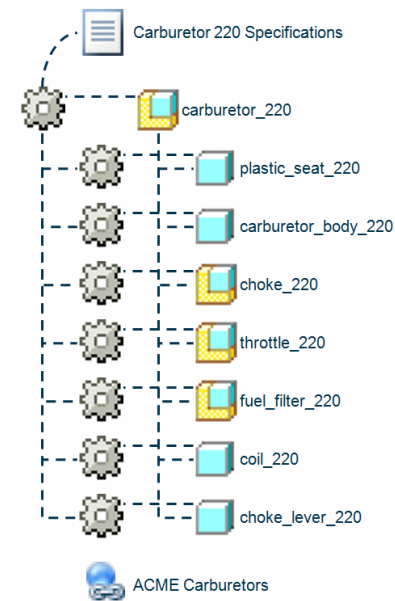
Course Length 4.5 Hours

This course constitutes a comprehensive review of Windchill PDMLink Creo Parametric data management functionality. In addition, the content is built to support topic-based course configurations. After completing this course, you will be prepared to complete basic Windchill PDMLink CAD data management tasks and activities. You will also have gained a better understanding of Windchill CAD data management processes. In this course, you will learn key capabilities and features of Windchill PDMLink CAD Data Management and how to use Windchill to manage Creo Parametric design information. Specifically, you will focus on the day-to-day data management tasks required by the Creo Parametric user community, including how to use the CAD data structure to associate and build the product structure. You will also be taught how to use Windchill to perform basic PDM functions on Creo Parametric CAD Documents and their associated Windchill parts. At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Locate design information
- View design information
- Create new designs and share design information
- Modify and manage existing design information
- Understand Windchill parts and their association to CAD documents
- Understand file relationships and dependencies
- Manage family tables
- Use workspace frames



Prerequisites

- WBT-3700-0 Locate and View Information with Windchill PDMLink 10.1 or equivalent
- Working knowledge of Creo Parametric

Audience

- This course is intended for end users and System Administrators.
- The topics in this course are also available as Web-based training courses.

Prerequisites

- WBT-3700-0 Locate and View Information with Windchill PDMLink 10.1

Audience

- This course is intended for any user that needs to create or manage Windchill parts or product structures.
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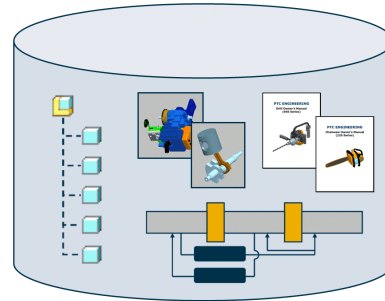
Design Variation Management with Windchill PDMLink 10.1

Overview

Course Code **WBT-3710-0**

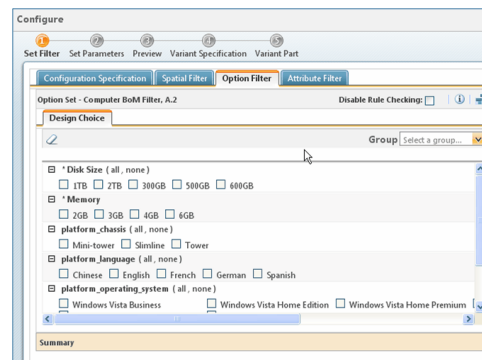
Course Length **4 Hours**

This course constitutes a comprehensive review of options and variants functionality. In addition, the content is built to support topic-based course configurations. You will explore the capabilities, concepts, and processes for creating product options and variants. You will examine the environment and learn how to configure and organize your product structures to support your design variation requirements. Finally, you will learn how to share option-defined enterprise configurations and rules in Creo., and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand Windchill design variation capabilities
- Create and manage options and choices definitions
- Use option sets to organize product families
- Set up configurable product structures
- Filter a configurable product structure
- Create and manage variants
- Search for options and choices
- Understand AnyBOM configuration management
- Use Variant Builder



Prerequisites

- Completion of one of the following courses:
 - WBT-3806 Introduction to Windchill PDMLink 10.1 for Heavy Users
 - WBT-3807 Introduction to Windchill PDMLink 10.1 for the Implementation Team

Audience

- This course is intended for users that will be developing the required options and variants, and who already understand Windchill product structures.
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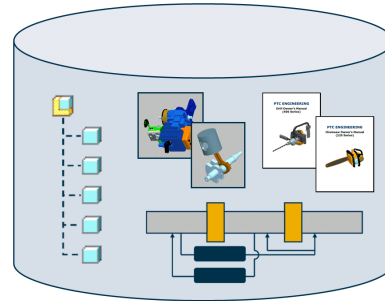
Standard Document Management with Windchill PDMLink 10.1

Overview

Course Code WBT-3711-0

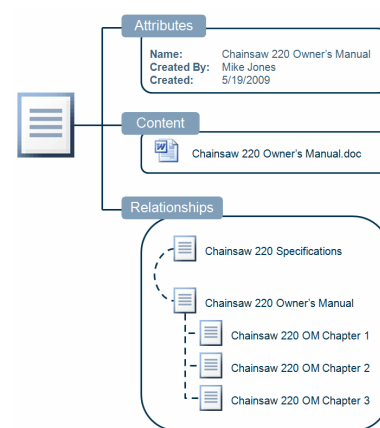
Course Length 1.5 Hours

This course constitutes a comprehensive review of Standard Document Management functionality. In addition, the content is built to support topic-based course configurations. In this course, you will learn the basic skills necessary to perform typical document management tasks using Windchill PDMLink 10.1. You will learn document management skills, such as creating and modifying documents, and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Identify the capabilities of a standard document
- Set document preferences
- Create documents
- Modify documents
- Revise documents
- Create document relationships



Prerequisites

- WBT-3700-0 Locate and View Information with Windchill PDMLink 10.1

Audience

- This course is intended for any user that will manage documents within Windchill PDMLink.

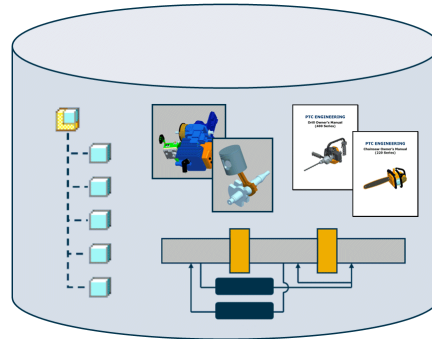
Change Management with Windchill PDMLink 10.1

Overview

Course Code WBT-3713-0

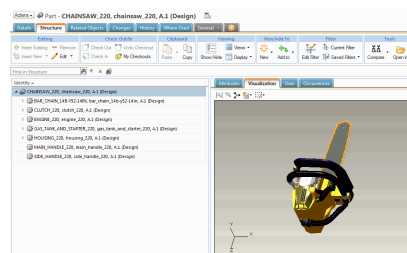
Course Length 1.5 Hours

This course constitutes a comprehensive review of Windchill PDMLink Change Management functionality. In addition, the content is built to support topic-based course configurations. After completing this course, you will be prepared to complete basic Windchill PDMLink Change Management tasks and activities. You will also have a better understanding of Windchill PDMLink Change Management processes. In this course, you will learn about change management capabilities in Windchill PDMLink. You will review the closed-loop change process that is the foundation of Windchill's Change Management discipline and also how to report problems and monitor the progress of changes. Additionally, you will review the entire fast-track change process, taking multiple roles while creating a change request, a change notice, and completing implementation tasks. Finally, you will learn about and create a variance, and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Introduction to the Change Management system
- Create a problem report
- Create a change request
- Create a change notice and implementation tasks
- Implement changes
- Create a variance
- View the change monitor



Prerequisites

- WBT-3720-0 Locate and View Information with Windchill PDMLink 10.1 or equivalent
- Basic understanding of product development processes and deliverables
- Basic browser and Web navigation skills

Audience

- This course is intended for any user that needs to report problems, and interact with product change information in Windchill.
-

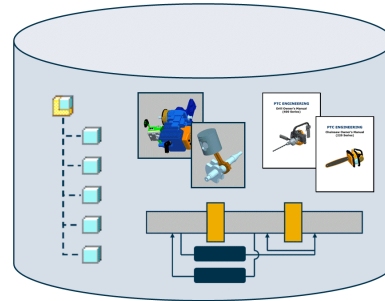
Work Management with Windchill PDMLink 10.1

Overview

Course Code WBT-3714-0

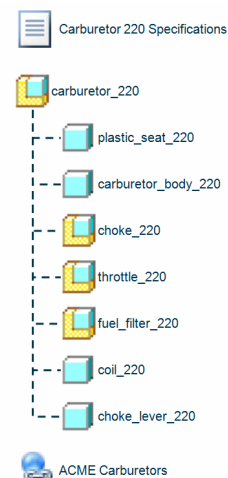
Course Length 2 Hours

In this course, you will learn how to manage your work. This course constitutes a comprehensive review of common Windchill tasks. In addition, the content is built to support topic-based course configurations. You will explore the Windchill communication and collaboration mechanism including packages. You will also learn how to participate in Windchill processes and how to manage your tasks. Other miscellaneous topics include managing user preferences and performing common tasks, such as Move, Save As, and Rename. You will complete Pro/FICIENCY skills assessment questions for each topic. These questions are used to help reinforce your understanding of the course topics and form the basis for daily review sessions. After completing the course, you will be prepared to perform common Windchill tasks, as well as have a better understanding of the Windchill system implementation at your company.



Course Objectives

- Managing Your Work Environment.
- Identifying Windchill Communication and Collaboration Tools.
- Managing Windchill Packages.
- Participating in Workflow Processes.
- Managing User Preferences.
- Performing Common Windchill Tasks.



Prerequisites

- Basic Windchill 10.1 understanding.

Audience

- This course is intended for any user that needs to learn about common tasks performed in Windchill.
-

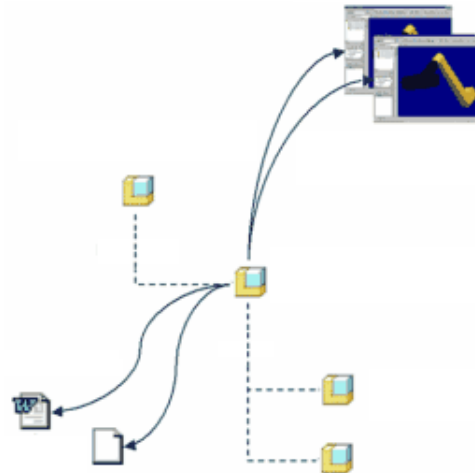
Business Administration Overview of Windchill PDMLink 10.1

Overview

Course Code WBT-3750-0

Course Length 0.5 Hour

In this course, you will learn about Windchill PDMLink capabilities and terminology, the role of the Business Administrator in managing the Windchill PDMLink business environment, and the steps required to plan the implementation of Windchill PDMLink at your company., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Explain the role of the Business Administrator
- Define terminology
- Identify the data to be managed
- Understand the processes involved in defining your business environment
- Plan the implementation strategy for your business environment



Prerequisites

- WBT-3700 Locate and View Information with Windchill PDMLink 10.1

Audience

- This course is intended for business administrators, system administrators, and project team leaders. Implementation team members, including user adoption team members and those with general Windchill PDMLink administration responsibilities, will also benefit from taking this course.

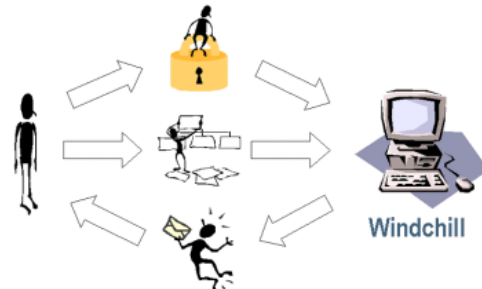
User and Policy Administration of Windchill PDMLink 10.1

Overview

Course Code **WBT-3751-0**

Course Length **3 Hours**

In this course, you will learn how to administer users, groups, domains, teams, and access control in Windchill PDMLink., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Create and manage user accounts and groups
- Identify best practices for managing organizations, groups, and user accounts
- Understand the Windchill domain policy architecture
- Define access control policies
- Identify individual access control permissions
- Administer and troubleshoot access control lists
- Define notification policies
- Define indexing policies
- Use Context Teams to apply access control
- Use Context Teams and team templates to conduct workflow role resolution

| Access All Defined Access | | | |
|--|--|--|--|
| Participant | | | Permissions |
| Applies To: Participant (7 Items) | | | |
| <input type="checkbox"/> Administrators | | <input checked="" type="checkbox"/> Full Control (All) | <input type="checkbox"/> Read |
| <input type="checkbox"/> Product Manager | | <input checked="" type="checkbox"/> Full Control (All) | <input type="checkbox"/> Read |
| <input type="checkbox"/> Team Members | | <input type="checkbox"/> Full Control (All) | <input checked="" type="checkbox"/> Read |
| <input type="checkbox"/> Collaboration Manager | | <input type="checkbox"/> Full Control (All) | <input checked="" type="checkbox"/> Read |
| <input type="checkbox"/> Guest | | <input type="checkbox"/> Full Control (All) | <input checked="" type="checkbox"/> Read |
| <input type="checkbox"/> PTC Outdoors Research and Development Group | | <input checked="" type="checkbox"/> Full Control (All) | <input type="checkbox"/> Read |

Prerequisites

- WBT-3750 Business Administration Overview of Windchill PDMLink 10.1

Audience

- This course is intended for business administrators, system administrators, and project team leaders. Implementation team members, including user adoption team members and those with general Windchill PDMLink administration responsibilities, will also benefit from taking this course.

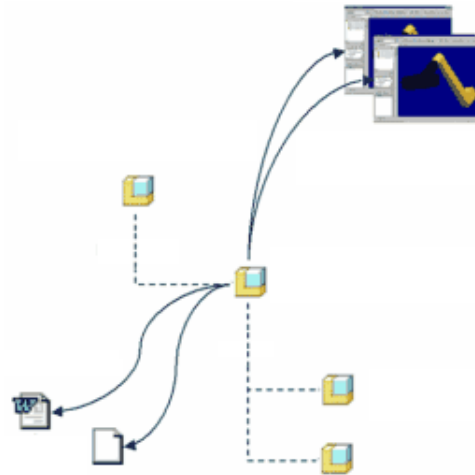
Data and Context Administration of Windchill PDMLink 10.1

Overview

Course Code WBT-3752-0

Course Length 3.5 Hours

In this course, you will learn how to perform basic Windchill PDMLink administration tasks. You will learn the various Windchill storage containers, such as the site context, library contexts, and product contexts. You will create these contexts and store objects in them. You will also learn how to create new object types and modify the functionality of existing types in these contexts, enabling them to have extra attributes or to set attributes automatically upon object initialization., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Identify contexts and their relationships
- Assign context creators
- Create and manage contexts
- Identify Windchill object names and their corresponding object type class names
- Create Global Attributes
- Add attributes to a Windchill Type
- Create a Windchill Type
- Identify and set object initialization rules
- Implement custom versioning sequences
- Create and manage document templates within product, library, and organization contexts
- Identify how to create CAD document templates
- Create product and library context templates
- Use ModelCHECK validation during Check In
- Administer administrator-saved searches
- Administer user profiles
- Administer Windchill views
- Administer calendar functions
- Administer organization preferences



- Identify the report manager functions
- Identify visualization publishing controls
- Identify purge manager functions
- Audit system events

Prerequisites

- WBT-3750 Business Administration Overview of Windchill PDMLink 10.1

Audience

- This course is intended for business administrators, system administrators, and project team leaders. Implementation team members, including user adoption team members and those with general Windchill PDMLink administration responsibilities, will also benefit from taking this course.
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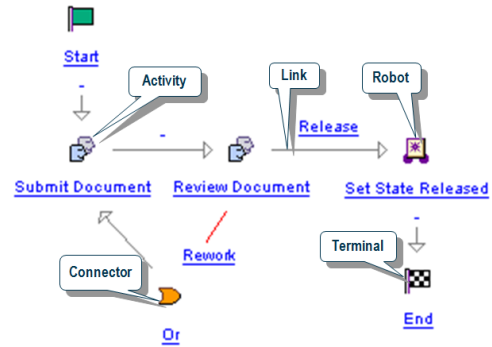
Process Administration of Windchill PDMLink 10.1

Overview

Course Code **WBT-3753-0**

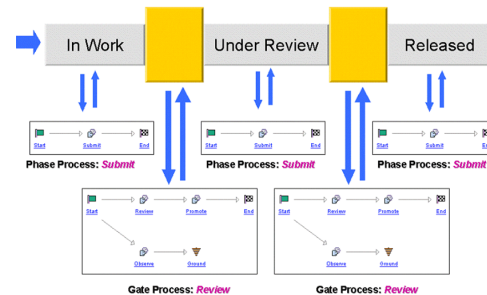
Course Length **2.5 Hours**

In this course, you will learn about the administrative objects that control object state. First, you will learn about Life Cycle Templates, which define the states of objects. Then, you will learn about the technologies that are commonly used to promote an object from state to state, including Workflow Templates, Promotion Requests, and Change Management., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Create and define life cycle and workflow templates
- Associate life cycle and workflow templates
- Identify the promotion review and approval processes
- Identify the pre-configured Windchill change management functions
- Access business metrics from Change Monitor reports.



Prerequisites

- WBT-3750 Business Administration Overview of Windchill PDMLink 10.1

Audience

- This course is intended for business administrators, system administrators, and project team leaders. Implementation team members, including user adoption team members, and those with general Windchill PDMLink administration responsibilities, will also benefit from taking this course.

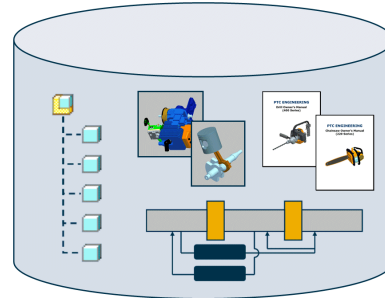
Creo Parametric Data Administration in Windchill 10.1

Overview

Course Code WBT-3766-0

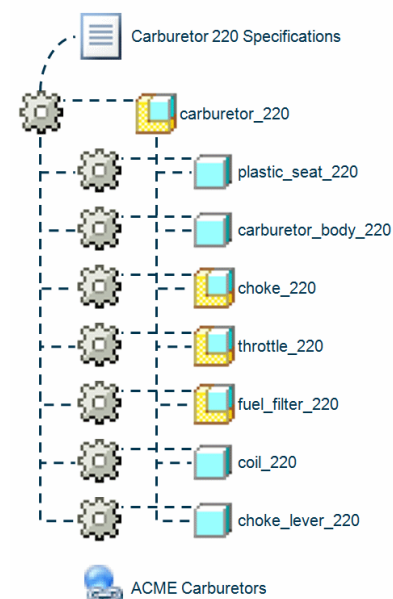
Course Length 1 Hour

This course constitutes a comprehensive review of configuring Creo Parametric with Windchill. In addition, the content is built to support topic-based course configurations. After completing this course, you will be prepared to configure Creo Parametric to work in a Windchill environment. You will also have a basic understanding of the Creo Parametric and Windchill architectures. In this course, you will learn key capabilities and features of configuring Creo Parametric to work with Windchill, such as the Windchill architecture that is used to support Creo Parametric. Additionally, you will be taught about Creo Parametric configuration files and options, and preferences in Windchill which together configure your working environment for the management of your Creo Parametric CAD documents. At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the Windchill Workgroup Manager Architecture
- Use and edit Creo Parametric Startup Files (PSF)
- Use configuration elements to configure Creo Parametric to work with Windchill
- Configure Windchill Workgroup Manager Preferences in Windchill
- Map Creo Parametric parameters to Windchill Attributes



Prerequisites

- WBT-3700-0 Locate and View Information with Windchill 10.1 or equivalent
- Basic understanding of Creo Parametric

Audience

- This course is intended for System Administrators and end users.
-

System Administration Overview of Windchill 10.1

Overview

Course Code WBT-3769-0

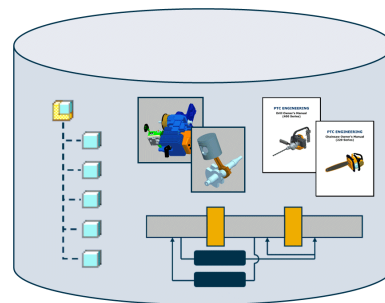
Course Length 0.5 Hour

In this course, you will identify Windchill system components. You will learn about the Windchill system architecture and how various Windchill components (such as the Web server, the Windchill servers, and the database) interact., and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Introduction to Windchill architecture
- Advantages of 3-tier system architecture
- Identify required system components
- Identify Windchill optional components



Prerequisites

- None

Audience

- This training course is intended for System Administrators and Application Developers.

Installation and Configuration of Windchill 10.1

Overview

Course Code WBT-3770-0

Course Length 2.5 Hours

In this course, you will learn how to plan your Windchill installation. You will then learn how to install and configure Windchill system components, including Apache Web server, Oracle database, and a Windchill solution. You will also learn how to install and configure Creo visualization adapters and a CAD worker. Additionally, you will configure your system for external file storage and set up file vaulting. Finally, you will implement content replication by installing and configuring a Windchill file server to support a distributed environment. Additional topics include setting up replication vaults, replication rules, and replications schedules., and At the end of the course, you will complete a skills assessment. These questions are used to help reinforce your understanding of the course topics and form the basis for daily review sessions.



Course Objectives

- Plan Windchill installation
- Identify Windchill installation requirements
- Install and configure a Windchill solution
- Install Creo visualization adapters and configure a CAD worker
- Identify Windchill file vaulting and replication architecture
- Create master file vaults and vaulting rules
- Install and configure a Windchill file server
- Configure replication vaults
- Create replication rules and schedules



Prerequisites

- WBT-3769-0 System Administration Overview of Windchill 10.1

Audience

- This training course is intended for System Administrators and Application Developers.
-

Performance Tuning of Windchill 10.1

Overview

Course Code WBT-3771-0

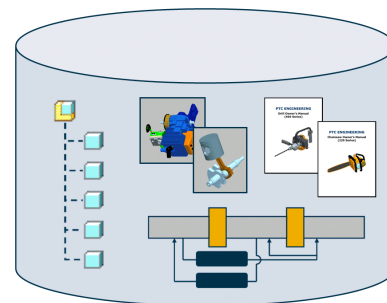
Course Length 2.5 Hours

In this course, you will learn how to optimize various Windchill components for performance. You will identify and modify various Windchill configuration property settings. You will learn how to allocate additional memory to Windchill components and how to effectively manage Windchill cache. Additionally, you will learn how to manage Windchill background queues and improve their performance. You will also implement Windchill workflow queue pooling to boost workflow performance. Finally, you will use Windchill Configuration Assistant to modify Windchill settings and configure multiple Windchill servers, including background method servers., and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Tune Windchill components for performance
- Allocate resources to Windchill components
- Modify settings using the Windchill Configuration Assistant
- Identify system administration utilities
- Manage Windchill property files
- Manage background queues
- Configure multiple method servers
- Set Windchill cache sizes
- Identify WAN performance optimizing options
- Set up workflow queue pooling
- Identify Oracle storage structure
- Tune Oracle database for performance



Prerequisites

- WBT-3769-0 System Administration Overview of Windchill 10.1

Audience

- This training course is intended for System Administrators and Application Developers.
-

Backup and Recovery of Windchill 10.1

Overview

Course Code WBT-3772-0

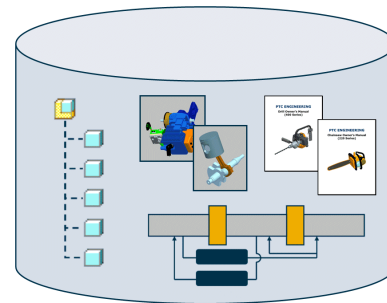
Course Length 0.5 Hour

In this course, you will identify Windchill backup and recovery architecture and learn how to backup your Windchill system. Specifically, you will learn how to perform a hot and a cold backup of Windchill components, including Web server, Oracle database, Windchill application server, and Windchill Directory Server. Additionally, you will learn how to perform a system recovery in case of a disaster., and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Identify Windchill backup and recovery architecture
- Perform a cold backup
- Perform a hot backup
- Perform system recovery
- Implement Oracle suggested backup strategy
- Enable Oracle archive log
- Manage file vault and replica vault backups
- Suspend and enable background queues
- Backup and restore directory server
- Rebuild LDAP indexes
- Export and import LDAP information



Prerequisites

- WBT-3769-0 System Administration Overview of Windchill 10.1

Audience

- This training course is intended for System Administrators and Application Developers.
-

System Monitoring and Maintenance of Windchill 10.1

Overview

Course Code WBT-3773-0

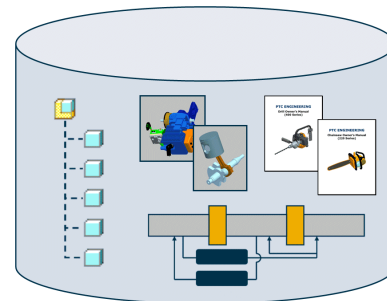
Course Length 2 Hours

In this course, you will learn about the overall Windchill system monitoring and maintenance mechanism. Specifically, you will focus on the daily, weekly, and monthly system maintenance tasks required by the Windchill system administrators. You will also learn how to manage Windchill log files, database alerts, and system services. Additionally, you will learn how to properly start and stop Windchill component services., and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Start and stop Windchill services
- Automate Windchill services
- Identify Windchill log files
- Set up Oracle alerts
- Manage Web Server and directory server Logs
- Identify and perform daily maintenance tasks
- Identify and perform weekly maintenance tasks
- Identify and perform monthly maintenance tasks
- Run system health checks
- Monitor system performance
- Perform database maintenance
- Rebuild LDAP indexes



Prerequisites

- WBT-3769-0 System Administration Overview of Windchill 10.1

Audience

- This training course is intended for System Administrators and Application Developers.
-

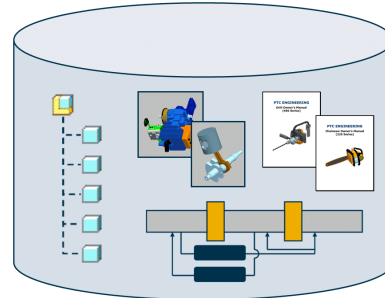
Windchill PDMLink 10.1 for Information Viewers

Overview

Course Code WBT-3780-0

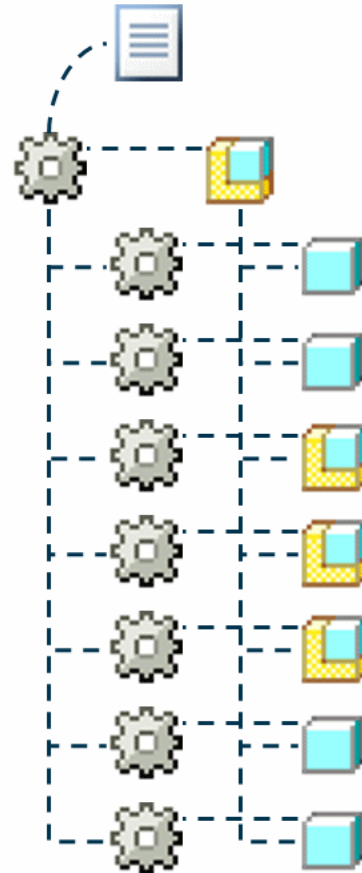
Course Length 4 Hours

In this course, you will learn how to complete basic functions to navigate and view information within Windchill PDMLink. You will learn how to access and navigate the Windchill PDMLink environment, view product, change, and package information, use Windchill PDMLink's visualization tools, create problem reports, collaborate with other users in the system, and configure your Windchill environment. This course is designed for users who need to access the Windchill PDMLink system to view information or use product information in making business decisions. After completing the course, you will be able to locate and view information in Windchill PDMLink and have a better understanding of how to use the Windchill PDMLink system., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Locate design information
- View design information
- Understand and use Windchill visualization
- Understand the Windchill change objects
- Create problem reports
- View Windchill change processes
- Collaborate with other users
- Configure your Windchill environment



Prerequisites

- None

Audience

- This course is intended for end users.
- The topics in this course are also available as Web-based training courses.

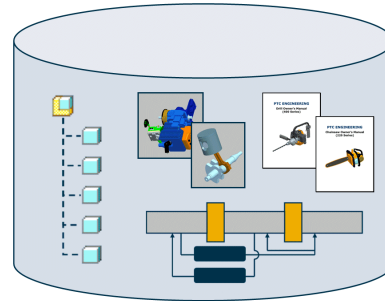
Windchill PDMLink 10.1 for Reviewers and Approvers

Overview

Course Code WBT-3781-0

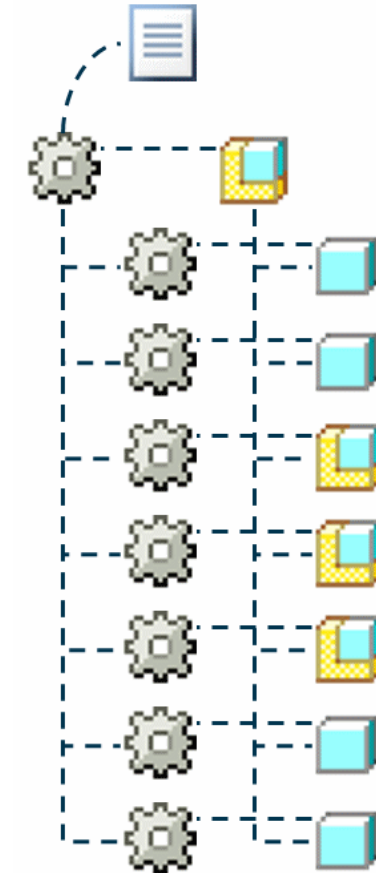
Course Length 5 Hours

In this course, you will learn how to complete basic functions to navigate, view, and approve view information within Windchill PDMLink. You will learn how to access and navigate the Windchill PDMLink environment, view product, change, and package information, use Windchill PDMLink's visualization tools, use change and configuration management features,, collaborate with other users in the system, and configure your Windchill environment., This course is designed for users who need to access the Windchill PDMLink system to review and approve product information. After completing the course, you will be able to locate and view product information including structures, related documents, and change management information, participate in the change process, update and markup documents, structures, and 3-D models and representations, and have a better understanding of how to use the Windchill PDMLink system., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Locate product and document information
- View product and document information
- Collaborate with other users
- View and participate in Windchill review and approval processes
- Configure your Windchill environment
- Create, manage and manipulate standard documents
- Create, manage, and manipulate product structures
- Understand and use Windchill visualization
- Understand the Windchill change objects
- Create problem reports
- Create problem report, change requests, and change notices
- View and participate in Windchill change processes



Prerequisites

- None

Audience

- This course is intended for end users.
- The topics in this course are also available as Web-based training courses.

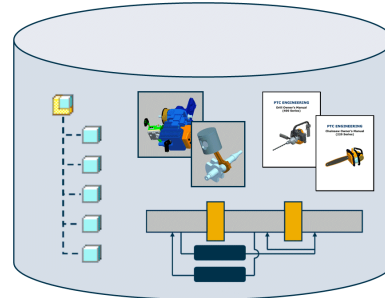
Windchill PDMLink 10.1 for Creo Parametric Users

Overview

Course Code WBT-3782-0

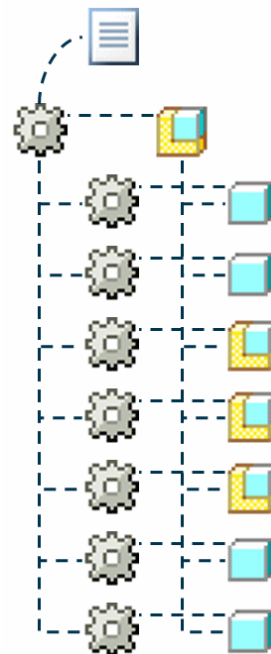
Course Length 15 Hours

After completing this course, you will be prepared to complete Windchill PDMLink tasks and activities. You will also have a better understanding of Windchill processes. In this course, you will learn key capabilities and features of Windchill PDMLink and how to use Windchill to manage Creo CAD data, product structures, and documents. In addition, you will be taught how to use Windchill visualization and Windchill Change Management. Your focus will be on the day-to-day Windchill activities required by the Creo Parametric user community, and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Locate design information
- View design information
- Create, manage, and manipulate standard documents
- Manage and manipulate CAD data
- Create, manage, and manipulate product structures
- Understand and use Windchill visualization
- Understand the Windchill change management system
- Create problem report, change requests, and change notices
- View Windchill change processes



Prerequisites

- Working knowledge of Creo Parametric

Audience

- This course is intended for end users and System Administrators.
 - The topics in this course are also available as Web-based training courses.
-

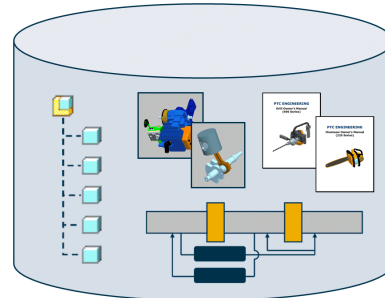
Windchill PDMLink 10.1 for Engineers

Overview

Course Code WBT-3789-0

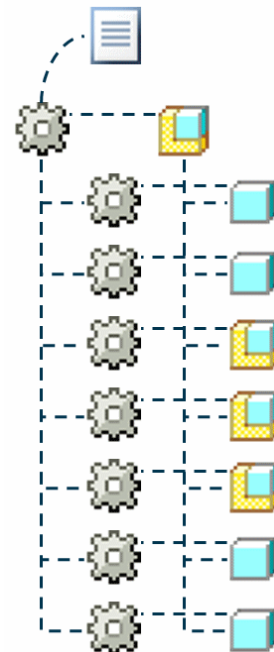
Course Length 10 Hours

After completing this course, you will be prepared to complete Windchill PDMLink tasks and activities. You will also have a better understanding of Windchill processes. In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage product information. Specifically, you will focus on the day-to-day data management tasks required by the Design Engineer, including how to build and manage product structures, manage documents, participate in the engineering change process, and work with information in PDMLink. At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Identify components of the Windchill Environment.
- Navigate, locate and view information within Windchill.
- Use Creo View to view and manipulate models, drawings, and images.
- Work with markups and annotation sets.
- Create and build product structures.
- Manage and apply product structure filters.
- Create and manage documents.
- Understand and participate in Windchill's change management system.



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables

Audience

- This course is intended for Design Engineers.
-

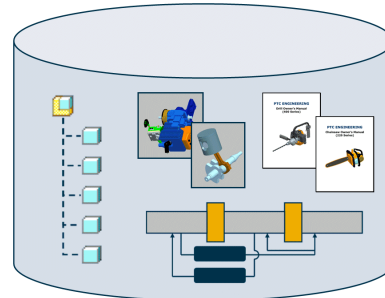
Windchill PDMLink 10.1 for Manufacturing Engineers

Overview

Course Code WBT-3790-0

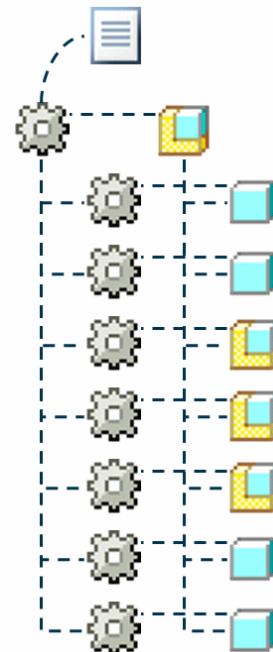
Course Length 8 Hours

After completing this course, you will be prepared to complete Windchill PDMLink tasks and activities. You will also have a better understanding of Windchill processes. In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage product information. Specifically, you will focus on the day-to-day data management tasks required by the Manufacturing Engineer, including how to build and manage product structures, manage documents, participate in the engineering change process, and work with information in PDMLink. At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Identify components of the Windchill Environment
- Navigate, locate and view information within Windchill
- Use Creo View to view and manipulate models, drawings, and images
- Work with markups and annotation sets
- Create and build product structures
- Manage and apply product structure filters
- Create and manage documents
- Understand and participate in Windchill's change management system
- Perform common Windchill tasks



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables

Audience

- This course is intended for Manufacturing Engineers.
-

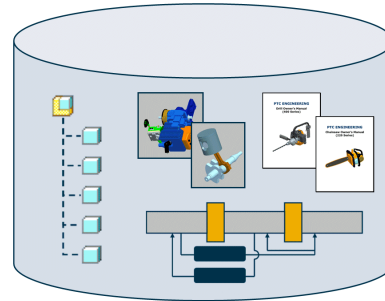
Windchill PDMLink 10.1 for Configuration Managers

Overview

Course Code WBT-3791-0

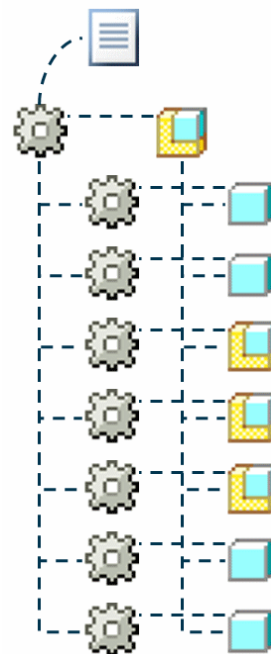
Course Length 13 Hours

After completing this course, you will be prepared to complete Windchill PDMLink tasks and activities. You will also have a better understanding of Windchill processes. In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage product information. Specifically, you will focus on the day-to-day data management tasks required by the Configuration Manager, including how to build and manage product structures, conduct basic configuration management, manage documents, participate in the engineering change process, and work with information in PDMLink., and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Identify components of the Windchill Environment
- Navigate, locate and view information within Windchill
- Use Creo View to view and manipulate models, drawings, and images
- Work with markups and annotation sets
- Create and build product structures and product configurations
- Manage and apply product structure filters
- Create and manage documents.
- Understand and participate in Windchill's change management system
- Perform common Windchill tasks



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables

Audience

- This course is intended for Configuration Managers.
-

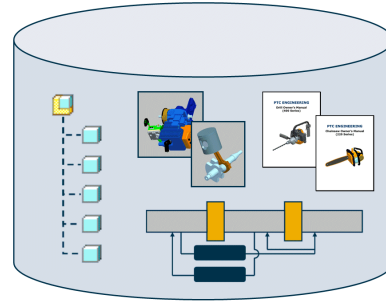
Windchill PDMLink 10.1 for Document Editors and Authors

Overview

Course Code WBT-3792-0

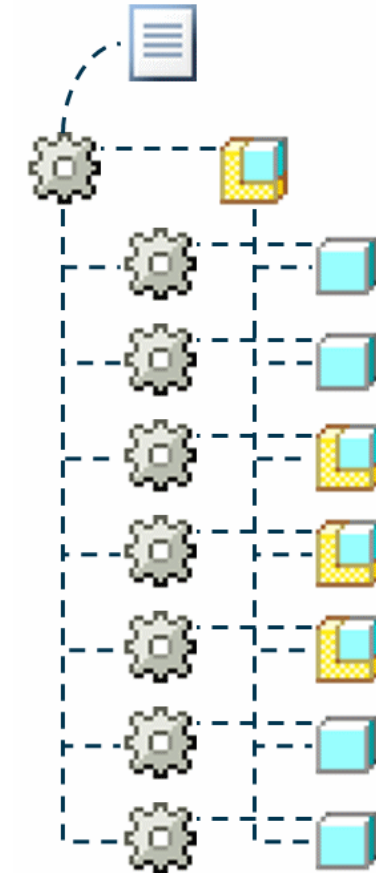
Course Length 6 Hours

After completing this course, you will be prepared to complete Windchill PDMLink tasks and activities, as well as having a better understanding of Windchill processes. In this course, you will learn key capabilities and features of Windchill PDMLink and how to use Windchill to manage; parts, documents, your assignments. You will also learn how to use Windchill visualization and Windchill Change Management Promotion Requests. You will focus on the day-to-day Windchill activities required by document editors and authors, and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Locate design information
- View design information
- Create, manage and manipulate standard documents
- Manage and manipulate CAD data
- Create, manage, and manipulate product structures
- Understand and use Windchill visualization
- Understand the Windchill change objects
- Create problem report, change requests, and change notices
- View Windchill change processes



Prerequisites

- Working knowledge of Creo Parametric

Audience

- This course is intended for end users and System Administrators
- The topics in this course are also available as Web-based training courses

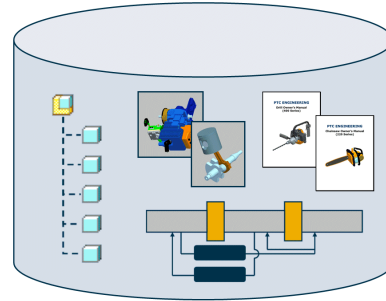
Windchill PDMLink 10.1 for Managers

Overview

Course Code WBT-3794-0

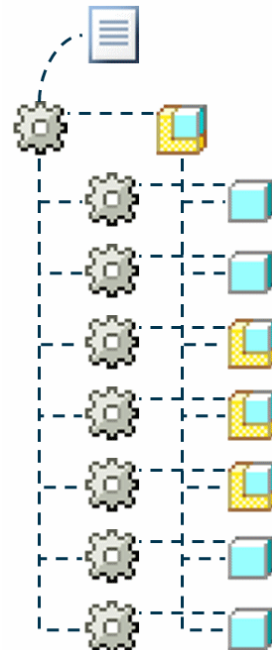
Course Length 7 Hours

After completing this course, you will be prepared to complete Windchill PDMLink tasks and activities. You will also have a better understanding of Windchill processes. In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage product information. Specifically, you will focus on day-to-day management tasks, including how to view and use product information to make business decisions., and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Identify components of the Windchill Environment
- Navigate, locate and view information within Windchill
- Use Creo View to view and manipulate models, drawings, and images
- Work with markups and annotation sets
- Manage product structures
- Manage and apply product structure filters
- Create and manage documents.
- Understand and participate in Windchill's change management system
- Perform common Windchill tasks



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables

Audience

- This course is intended for Managers.
-

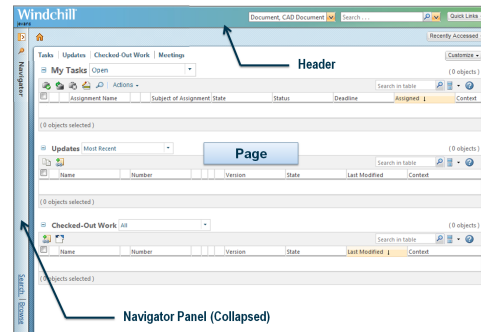
Update to Windchill PDMLink 10.1 from Windchill PDMLink 9.0/9.1

Overview

Course Code WBT-3800-0

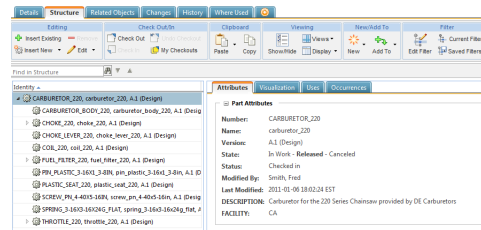
Course Length 8 Hours

This course is designed for users who need to update their Windchill knowledge and skills from Windchill PDMLink 9.0 or 9.1 to work in a Windchill PDMLink 10.1 environment. After completing the course, you will be able to identify and use new Windchill PDMLink features and perform common tasks and activities available in Windchill PDMLink 9.0 or 9.1 using the new Windchill PDMLink 10.1 interface. In this course, you will learn about the feature and interface updates to Windchill PDMLink 10.1 from Windchill PDMLink 9.0 and 9.1. You will also be taught about general Windchill usability enhancements, new ways to work with Windchill business objects, and specific enhancements for managing documents. Finally, you will learn about changes in how you participate in processes, creating and delivering work packages, and updates to change and configuration management. At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Describe the updates to the Windchill user interface including the home page, quick links, and Windchill navigator.
- Configure your Windchill environment by customizing your home page, context pages, object information pages, and table columns and views.
- Locate information by searching or browsing for Windchill objects and navigating through context page options.
- Work with objects by using context actions and enhanced management tools such as multi-object edit, the Windchill clipboard, and event manager.
- Manage Windchill documents directly from Microsoft Windows Explorer or Microsoft Office using the latest version of desktop integration.
- Use the new create and update interfaces available for working with documents.
- Describe enhancements to collaborating with others in the Windchill environment.
- Review and manage processes and process history.
- Manage and reassign workflow tasks, life cycles, and teams.
- Create and manage work packages.
- Describe enhancements to Windchill change management, including new wizard-based change management forms and being able to use the Windchill collector to quickly find and include related objects in complex dependency operations.
- Use the new work items table to manage work being done on changes.
- Create and manage variances, including waivers and deviations.
- Describe enhancements to the Windchill product structure management, including BOM notes, effectivity processing, structure filtering, structure compare, and configurations and instances.
- Explore and use the new Product Structure Browser interface.



Prerequisites

- Working knowledge of Windchill PDMLink 9.0 or Windchill PDMLink 9.1

Audience

- This course is designed for users who need to update their Windchill knowledge and skills from Windchill PDMLink 9.0 or 9.1 to work in the Windchill PDMLink 10.1 environment.
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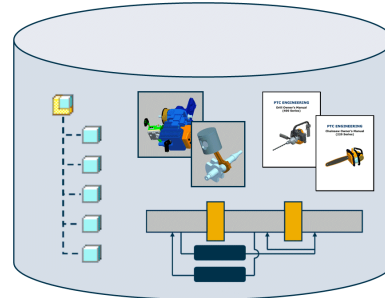
Introduction to Windchill PDMLink 10.1 for Light Users

Overview

Course Code WBT-3805-0

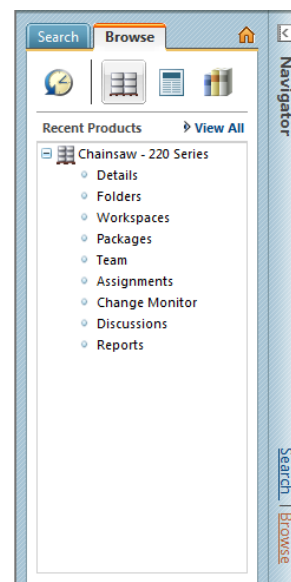
Course Length 8 Hours

In this course, you will learn how to complete basic functions to navigate and view information within Windchill PDMLink. You will also learn how to access and navigate the Windchill PDMLink environment, view product information, use Windchill PDMLink's visualization tools, manage assigned tasks, and perform basic work management functions. This course is designed for users who need to access the Windchill PDMLink system to view information, perform system tasks, or use product information in making business decisions. After completing the course, you will be able to complete basic Windchill PDMLink tasks and activities, as well as have a better understanding of how to use the Windchill PDMLink system., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the Windchill PDMLink environment and terminology
- Locate product information
- View product information
- Understand visualization concepts and terminology
- Use Creo View Lite to view product information
- Use Windchill PDMLink tools to manage your work
- Participate in Windchill PDMLink processes



Prerequisites

- Basic browser and Web navigation skills

Audience

- This course is intended for users who need to access the Windchill PDMLink system to view information, perform system tasks, or use product information when making business decisions.
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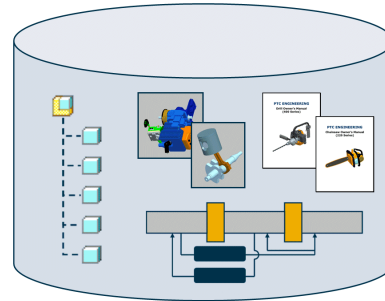
Introduction to Windchill PDMLink 10.1 for Heavy Users

Overview

Course Code WBT-3806-0

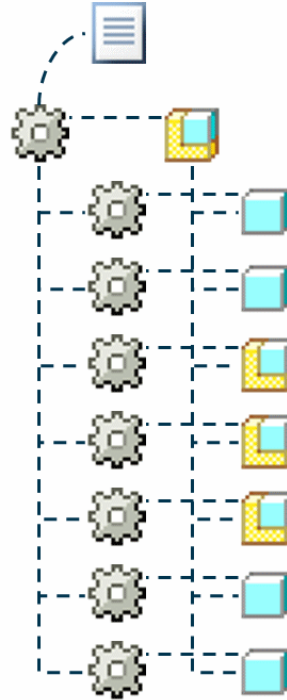
Course Length 16 Hours

In this course, you will learn how to complete the day-to-day functions that enable you to create and manage product information with Windchill PDMLink. You will learn how to access and navigate the Windchill PDMLink environment, use Windchill PDMLink's visualization tools, manage product structures, and manage product information changes. Other topics include how to use Windchill PDMLink's communication and collaboration tools, and access user support functions and information., This course is designed for users who need to access the Windchill PDMLink system to view, create, and manage product information. For users who require CAD data management training, this course should be followed with the appropriate CAD data management course for the user's design tool. After completing the course, you will be able to complete Windchill PDMLink data management tasks and activities, as well as have a better understanding of how to use the Windchill PDMLink system., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the Windchill PDMLink environment and terminology
- Locate and view product information
- View information using Creo View Lite
- Understand the principles of product structure management
- Create and manage product structures
- Create and manage documents
- Understand the Windchill PDMLink change process
- Initiate and implement product change
- Use Windchill PDMLink tools to manage your work



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product management processes and deliverables

Audience

- This course is designed for users who need to access the Windchill PDMLink system to view, create, and manage product information.

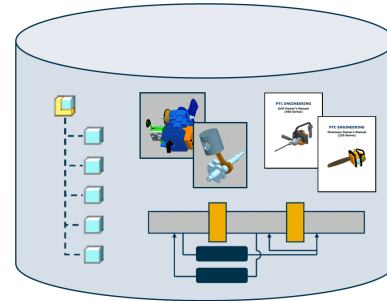
Introduction to Windchill PDMLink 10.1 for the Implementation Team

Overview

Course Code WBT-3807-0

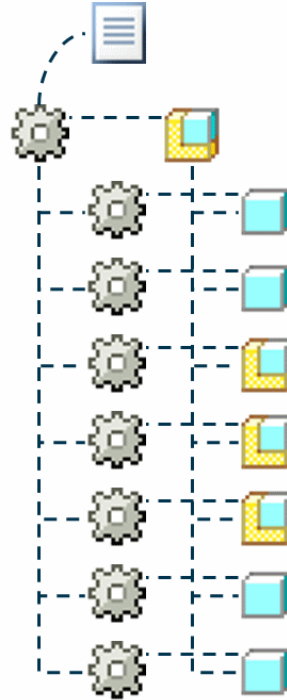
Course Length 16 Hours

In this course, you will learn how to complete basic Windchill PDMLink functions. You will learn how to access and navigate the Windchill PDMLink environment, use Windchill PDMLink's visualization tools, manage CAD and product information, and manage product information changes. Other topics include how to use Windchill PDMLink's communication and collaboration tools, and access user support functions and information. This course is designed to provide broad and basic coverage of Windchill PDMLink functionality to members of the Implementation Team. After completing the course, you will have a comprehensive understanding of Windchill PDMLink capabilities, which will enable you to contribute to the successful implementation of Windchill PDMLink to meet your company's Product Lifecycle Management goals., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the Windchill PDMLink environment and terminology
- Locate and view product information
- View information using Creo View Lite
- Understand the principles of CAD data management
- Initiate new designs and share design information
- Modify and manage design information
- Understand the principles of product structure management
- Create and manage product structures
- Create and manage documents
- Understand the Windchill PDMLink change process
- Initiate and implement product change
- Use Windchill PDMLink tools to manage your work



Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product management processes and deliverables

Audience

- This course is intended for members of the Implementation Team who need a broad understanding of Windchill PDMLink functionality to successfully implement the system.

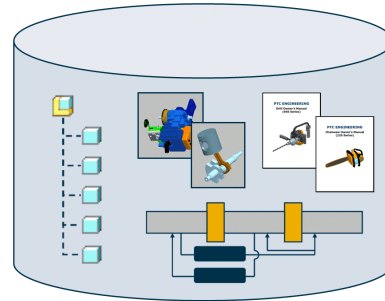
Creo Parametric Data Management with Windchill PDMLink 10.1

Overview

Course Code WBT-3812-0

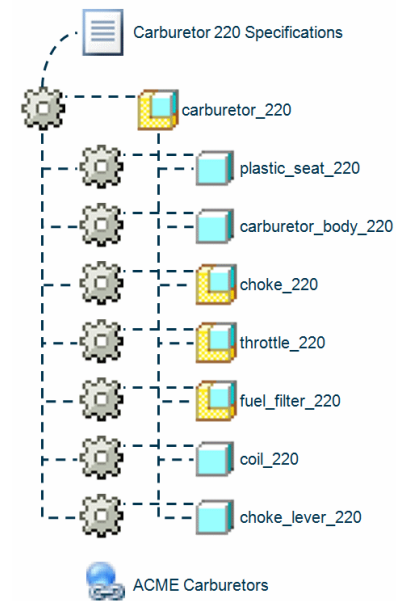
Course Length 8 Hours

This course constitutes a comprehensive review of Windchill PDMLink Creo Parametric data management functionality. In addition, the content is built to support topic-based course configurations. After completing this course, you will be prepared to complete basic Windchill PDMLink CAD data management tasks and activities. You will also have a better understanding of Windchill CAD data management processes. In this course, you will learn key capabilities and features of Windchill PDMLink CAD Data Management and how to use Windchill PDMLink to manage Creo Parametric design information. Specifically, you will focus on the day-to-day data management tasks required by the Creo Parametric user community, including how to use the CAD data structure to associate and build the product structure. You will also learn how to use Windchill to perform basic PDM functions on Creo Parametric CAD Documents and their associated Windchill parts, and At the end of the course, you will complete a skills assessment. The questions are used to help reinforce your understanding of the course topics and form the basis for review of any topics, if necessary.



Course Objectives

- Locate design information
- View design information
- Create new designs and share design information
- Modify and manage existing design information
- Understand Windchill parts and their association to CAD documents
- Understand file relationships and dependencies
- Manage family tables
- Use workspace frames



Prerequisites

- Working knowledge of Creo Parametric
- WBT-3700 Locate and View Information with Windchill PDMLink 10.1

Audience

- This course is intended for end users and System Administrators.
- The topics in this course are also available as Web-based training courses.

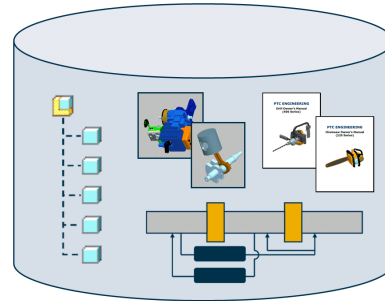
Managing Design Variations with Windchill PDMLink 10.1

Overview

Course Code **WBT-3815-0**

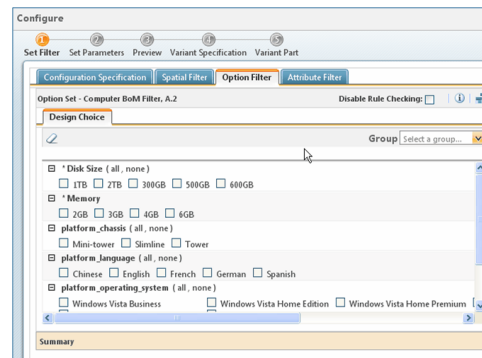
Course Length **8 Hours**

In this course, you will explore the capabilities, concepts, and processes for creating product options and variants. You will examine the environment and learn how to configure and organize your product structures to support your design variation requirements. Finally, you will learn how to share option-defined enterprise configurations and rules in Creo., and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand Windchill design variation capabilities
- Create and manage options and choices definitions
- Use option sets to organize product families
- Set up configurable product structures
- Filter a configurable product structure
- Create and manage variants
- Search for options and choices
- Understand AnyBOM configuration management
- Use Variant Builder



Prerequisites

- Completion of one of the following courses:
 - WBT-3806 Introduction to Windchill PDMLink 10.1 for Heavy Users
 - WBT-3807 Introduction to Windchill PDMLink 10.1 for the Implementation Team

Audience

- This course is intended for users that will be developing the required options and variants, and who already understand Windchill product structures.

Business Administration of Windchill PDMLink 10.1

Overview

Course Code **WBT-3820-0**

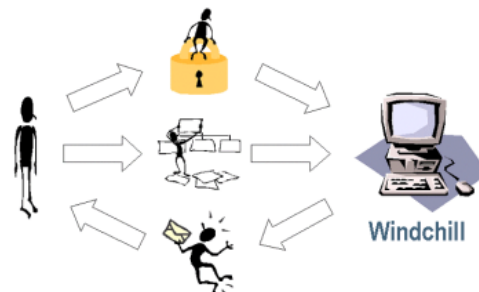
Course Length **24 Hours**

After completing this course, you will be well prepared to set up and manage a basic Windchill PDMLink implementation at your company. In this course, you will gain an understanding of basic Windchill PDMLink administration tasks. You will learn how to create user accounts and groups, and plan and create information management storage strategies. Other topics will include life cycles, workflows, teams, and configuring domain policies. These skills enable a business administrator to configure Windchill PDMLink to meet business needs, and At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



Course Objectives

- Understand the processes involved in defining your business environment.
- Identify the use of a Windchill Organization.
- Create an organization.
- Create and manage user accounts and groups.
- Identify best practices for managing organizations, groups, and user accounts.
- Identify contexts and their relationships.
- Distinguish Windchill object names and their corresponding object type class names.
- Create Global Attributes.
- Add attributes to a Windchill Type.
- Create a Windchill Type.
- Identify and set object initialization rules.
- Implement custom versioning sequences.
- Create and define life cycle and workflow templates.
- Associate life cycle and workflow templates.
- Understand the Windchill domain policy architecture.
- Define access control policies.
- Identify individual access control permissions.
- Administer and troubleshoot access control lists.



- Define notification policies.
- Define indexing policies.
- Use Context Teams to apply access control.
- Use Context Teams and team templates to conduct workflow role resolution.
- Create and manage document templates within product, library, and organization contexts.
- Identify how to create CAD document templates.
- Create, manage, and edit promotion preferences.
- Identify the promotion review and approval processes.
- Use ModelCHECK validation during Check In.
- Administer administrator-saved searches.
- Administer user profiles.
- Administer Windchill views.
- Administer calendar functions.
- Administer organization preferences.
- Identify the report manager functions.
- Identify visualization publishing controls.
- Identify purge manager functions.
- Audit system events.

Prerequisites

- Any one of the following courses:
 - TRN-3805 Introduction to Windchill PDMLink 10.1 for Light Users
 - TRN-3806 Introduction to Windchill PDMLink 10.1 for Heavy Users
 - TRN-3807 Introduction to Windchill PDMLink 10.1 for the Implementation Team

Audience

- This course is intended for business administrators, system administrators, and project team leaders. Implementation team members, including user adoption team members, and those with general Windchill PDMLink administration responsibilities will also benefit from taking this course.

System Administration of Windchill 10.1

Overview

Course Code WBT-3826-0

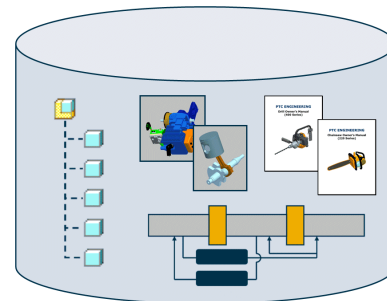
Course Length 24 Hours

In this course, you will learn how to install and configure Windchill system components. You will also learn how to implement file vaulting and content replication. You will gain an understanding of how to perform routine Windchill system administration tasks, including how to manage Windchill services and optimize Windchill components for performance. Additionally, you will focus on daily, weekly, and monthly system maintenance tasks required by the Windchill system administrators. Other topics include managing an Oracle database, troubleshooting background queues, and controlling system backup procedures. At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary. Note: Due to the subject matter of this class, simulated software is used for Windchill installation to provide an accurate, effective, and efficient training experience that could not otherwise be duplicated in a standard classroom environment.



Course Objectives

- Introduction to Windchill architecture
- Installing and configuring Windchill solutions
- Implementing file vaulting and content replication
- Tuning Windchill components
- Tuning Windchill workflows
- Managing background queues
- Managing Oracle database
- Managing system backups
- Managing system logs and alerts
- Monitoring daily, weekly, and monthly tasks



Prerequisites

- Familiarity with the Windchill PDMLink 10.1 or Windchill ProjectLink 10.1 user interface
- Familiarity with the Windows command prompt and the ability to form and execute basic SQL statements

Audience

- This training course is intended for System Administrators and Application Developers.
-