

**Windchill®**  
**PDMLink™**  
**Curriculum Guide**

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## Live Classroom Curriculum Guide

- Update to Windchill PDMLink 10.0 from Windchill PDMLink 8.0
  - Update to Windchill PDMLink 10.0 from Windchill PDMLink 9.0/9.1
  - Introduction to Windchill PDMLink 10.0 for Light Users
  - Introduction to Windchill PDMLink 10.0 for Heavy Users
  - Introduction to Windchill PDMLink 10.0 for the Implementation Team
  - Creo Elements/Pro Data Management with Windchill PDMLink 10.0
  - Business Administration of Windchill PDMLink 10.0
  - Update to Windchill 10.0 for System Administrators
  - System Administration of Windchill 10.0
  - Customization of Windchill 10.0
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# Update to Windchill PDMLink 10.0 from Windchill PDMLink 8.0

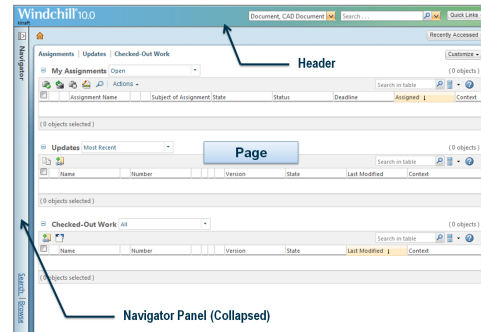
## Overview

Course Code	TRN-3140-T
Course Length	1 Day

This course is designed for users who need to update their Windchill knowledge and skills from Windchill PDMLink 8.0 to work in a Windchill PDMLink 10.0 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 8.0 using the new Windchill PDMLink 10.0 interface.

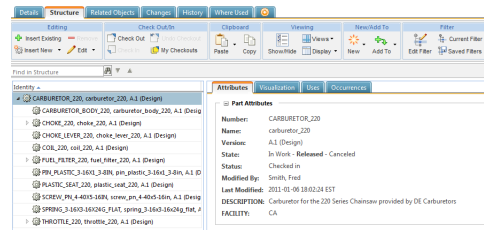
In this course, you will learn about the feature and interface updates to Windchill PDMLink 10.0 from Windchill PDMLink 8.0. You will learn about general Windchill usability enhancements, new ways to work with Windchill business objects, and specific enhancements for managing documents. You will learn 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, preferences, 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, event manager, and security settings
- 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
- Create and manage subscriptions using enhanced capabilities
- 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 using 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 Windchill product structure management including BOM notes, effectivity processing, and structure filtering and compare
- Explore and use the new Product Structure Browser interface



## Prerequisites

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- Working knowledge of Windchill PDMLink 8.0

## Audience

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- This course is designed for users who need to update their Windchill knowledge and skills from Windchill PDMLink 8.0 to work in the Windchill PDMLink 10.0 environment
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## Agenda

### Day 1

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Module	1	Windchill Usability Enhancements
Module	2	Working with Objects
Module	3	Document Management Enhancements
Module	4	Collaborating with Others
Module	5	Change Management Enhancements
Module	6	Product Structure Management Enhancements

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# Update to Windchill PDMLink 10.0 from Windchill PDMLink 9.0/9.1

## Overview

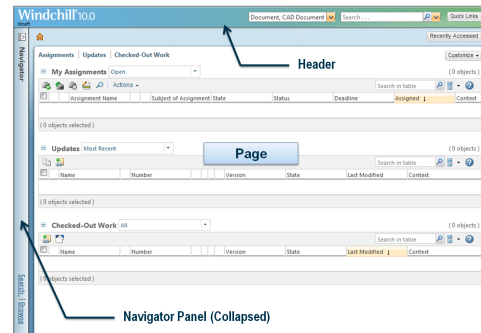
Course Code TRN-3141-T

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 10.0 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 10.0 interface.

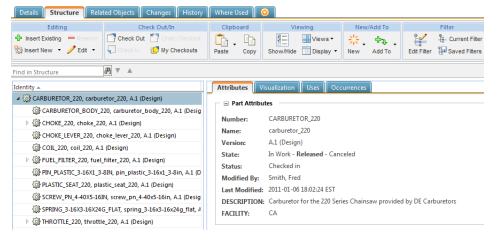
In this course, you will learn about the feature and interface updates to Windchill PDMLink 10.0 from Windchill PDMLink 9.0 and 9.1. You will also learn about general Windchill usability enhancements, new ways to work with Windchill business objects, and specific enhancements for managing documents. 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, and structure filtering and compare
- Explore and use the new Product Structure Browser interface





## Prerequisites

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- Working knowledge of Windchill PDMLink 9.0 or Windchill PDMLink 9.1

## Audience

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- 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 10.0 environment
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## Agenda

### Day 1

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Module	1	Windchill Usability Enhancements
Module	2	Working with Objects
Module	3	Document Management Enhancements
Module	4	Collaborating with Others
Module	5	Change Management Enhancements
Module	6	Product Structure Management Enhancements

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## Introduction to Windchill PDMLink 10.0 for Light Users

### Overview

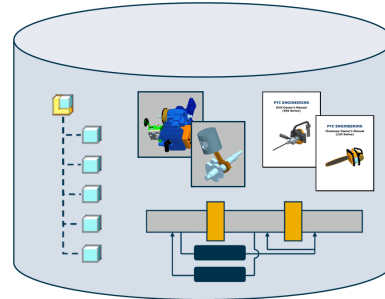
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Course Code	TRN-3145-T
Course Length	1 Day

In this course, you will learn how to complete basic functions to navigate and view information within Windchill PDMLink. You will 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.

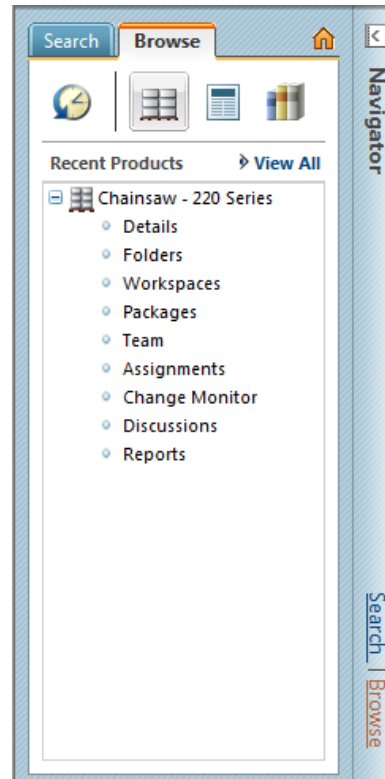
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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



## Prerequisites

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- Basic browser and Web navigation skills

## Audience

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- 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

## Agenda

### Day 1

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Module	1	Introduction to the Windchill Environment
Module	2	Locating Information
Module	3	Viewing Information
Module	4	Introduction to Visualization
Module	5	Using Creo Elements View/Lite to View and Annotate Information
Module	6	Managing Your Work
Module	7	Participating in Processes

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## Introduction to Windchill PDMLink 10.0 for Heavy Users

### Overview

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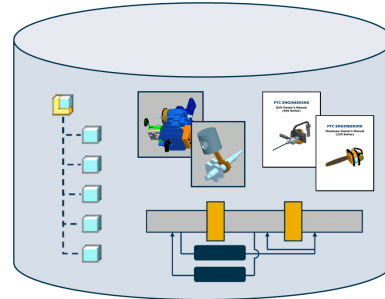
Course Code	TRN-3146-T
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Course Length	2 Days
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In this course, you will learn how to complete the day-to-day functions that enable you to create and manage product information with Windchill PDMLink. 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.

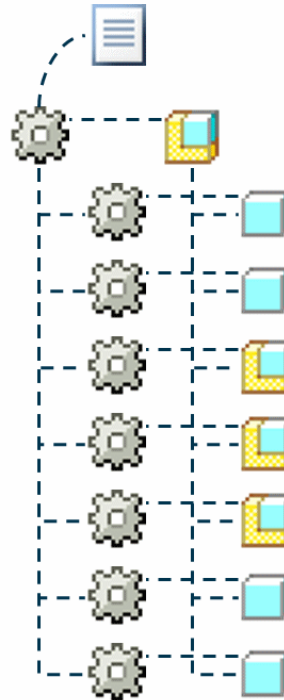
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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- Understand the Windchill PDMLink environment and terminology
- Locate and view product information
- View information using Creo Elements/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

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

## Audience

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

## Agenda

### Day 1

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Module	1	Introduction to the Windchill Environment
Module	2	Locating and Viewing Information
Module	3	Viewing Information using Creo Elements/View Lite
Module	4	Introduction to Product Structure Management
Module	5	Creating Product Structures
Module	6	Managing Product Structures

### Day 2

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Module	7	Managing Structure Filters
Module	8	Managing Parts in Product Structure Explorer
Module	9	Creating and Managing Documents
Module	10	Introduction to the Change Process
Module	11	Initiating and Implementing Change
Module	12	Managing Your Work

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# Introduction to Windchill PDMLink 10.0 for the Implementation Team

## Overview

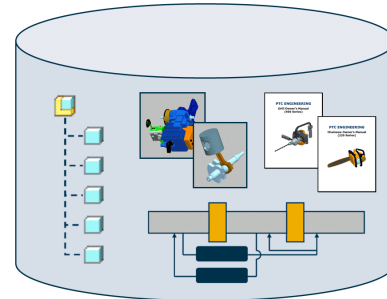
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Course Code	TRN-3147-T
Course Length	2 Days

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.

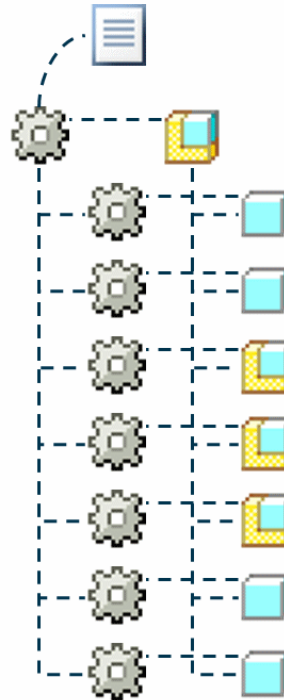
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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- Understand the Windchill PDMLink environment and terminology
- Locate and view product information
- View information using Creo Elements/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

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

## Audience

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

## Agenda

### Day 1

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Module	1	Introduction to the Windchill Environment
Module	2	Locating and Viewing Information
Module	3	Viewing Information using Creo Elements/View Lite
Module	4	Getting Started with CAD Data Management
Module	5	Initiating New Designs and Sharing Design Data
Module	6	Modifying and Managing Design Information

### Day 2

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Module	7	Introduction to Product Structure Management
Module	8	Creating and Managing Product Structures
Module	9	Creating and Managing Documents
Module	10	Introduction to the Change Process
Module	11	Initiating and Implementing Change
Module	12	Managing Your Work

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# Creo Elements/Pro Data Management with Windchill PDMLink 10.0

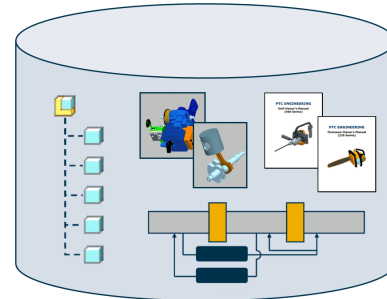
## Overview

Course Code	TRN-3153-T
Course Length	1 Day

After completing this course, you will be prepared to complete basic Windchill PDMLink CAD data management tasks and activities, as well as having 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 Elements/Pro design information. Specifically, you will focus on the day-to-day data management tasks required by the Creo Elements/Pro 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 Elements/Pro CAD Documents and their associated product structure objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 10.0 course or all modules of Windchill PDMLink 10.0 – CAD Data Management course .

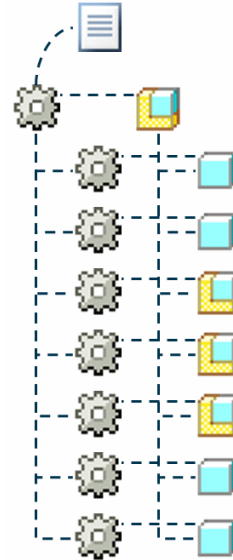
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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- 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

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- Working knowledge of Creo Elements/Pro
- Completion of any one of the following:
  - TRN-3145 Introduction to Windchill PDMLink 10.0 for Light Users
  - TRN-3146 Introduction to Windchill PDMLink 10.0 for Heavy Users
  - TRN-3147 Introduction to Windchill PDMLink 10.0 for the Implementation Team

## Audience

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- 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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## Agenda

### Day 1

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Module	1	Getting Started with Creo Elements/Pro Data Management
Module	2	Initiating New Designs and Sharing Design Data
Module	3	Modifying and Managing Design Data
Module	4	Understanding File Relationships and Dependencies
Module	5	Managing Family Tables
Module	6	Managing CAD Data

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## Business Administration of Windchill PDMLink 10.0

### Overview

Course Code	TRN-3160-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.

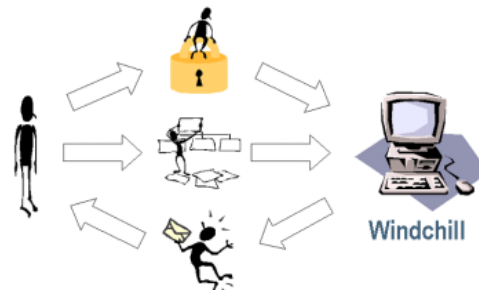
In this course, you will learn how to perform basic Windchill PDMLink administration tasks. You will learn how to plan and create user accounts and groups, and how to plan and create information management storage strategies. Other topics will include life cycles, workflows, teams, and configuring domain policies. These skills enable a business administrator to configure Windchill PDMLink to meet business needs.

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
- Assign product and library creators
- Create and manage product and library 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 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 product and library context templates
  - Create, manage, and edit promotion preferences
  - Identify the promotion review and approval processes
  - Identify the pre-configured Windchill change management functions
  - Access business metrics from Change Monitor reports
  - 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
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## Prerequisites

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- Any one of the following courses:
  - TRN-3145 Introduction to Windchill PDMLink 10.0 for Light Users
  - TRN-3146 Introduction to Windchill PDMLink 10.0 for Heavy Users
  - TRN-3147 Introduction to Windchill PDMLink 10.0 for the Implementation Team

## Audience

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- 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.

## Agenda

### Day 1

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Module	1	Introduction to Windchill Business Administration
Module	2	Managing Participants
Module	3	Managing Contexts
Module	4	Managing Objects, Object Types, and Object Attributes

### Day 2

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Module	5	Managing Object Type Behavior
Module	6	Automating Processes Using Life Cycles and Workflows
Module	7	Managing Domain Policies and Access Control

### Day 3

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Module	8	Managing Teams
Module	9	Managing Organization Templates
Module	10	Implementing Promotion and Change Processes
Module	11	Administrative Support Tools

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# Update to Windchill 10.0 for System Administrators

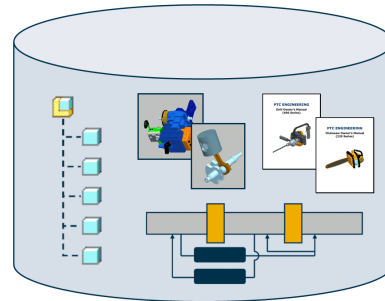
## Overview

Course Code TRN-3165-T

Course Length 3 Days

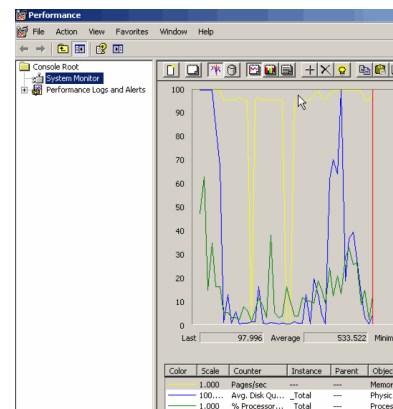
This course focuses on Windchill 10.0 system administration enhancements as well as serving as a refresher course for administrators who are involved in performing routine system administration activities in a Windchill 10.0 environment. In this course, you will learn how to perform Windchill system 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 Oracle database, troubleshooting background queues, performing backups, and managing file vaults.

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 Windchill architecture
- Tune Windchill components
- Manage Windchill runtime services
- Review and implement Windchill file vaulting and replication mechanism
- Manage background queues
- Manage Oracle database
- Manage system logs and alerts
- Monitor daily, weekly, and monthly system administration tasks
- Review system backup procedures and perform backups



## Prerequisites

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- Familiarity with the Windchill PDMLink 10.0 or Windchill ProjectLink 10.0 user interface
- Familiarity with the Windows command prompt and the ability to form and execute basic SQL statements

## Audience

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- This training course is intended for System Administrators and Application Developers
  - This training course is designed for administrators who need to update their Windchill system administration knowledge and skills from previous Windchill versions to work in the Windchill 10.0 environment
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## Agenda

### Day 1

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Module	1	Windchill System Architecture Overview
Module	2	Managing Windchill Services
Module	3	Managing Windchill Properties
Module	4	File Vaulting and Replication Overview

### Day 2

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Module	5	Tuning Windchill Server
Module	6	Managing Background Queues
Module	7	Oracle Database Management

### Day 3

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Module	8	Windchill Backup and Recovery
Module	9	Managing Log Files and Alerts
Module	10	System Monitoring — Daily Tasks
Module	11	System Monitoring — Weekly Tasks
Module	12	System Monitoring — Monthly Tasks

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# System Administration of Windchill 10.0

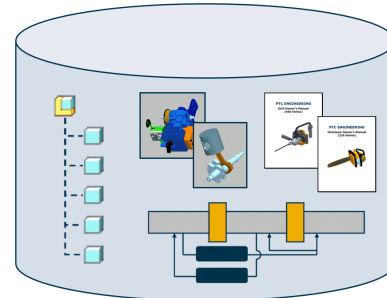
## Overview

Course Code	TRN-3166-T
Course Length	3 Days

In this course, you will learn how to install and configure Windchill system components. You will learn how to implement file vaulting and content replication. You will learn 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 Oracle database, troubleshooting background queues, and controlling system backup procedures.

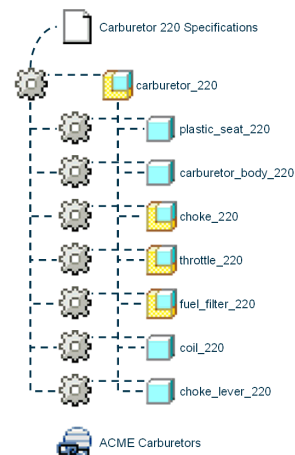
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.

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

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- Familiarity with the Windchill PDMLink 10.0 or Windchill ProjectLink 10.0 user interface
- Familiarity with the Windows command prompt and the ability to form and execute basic SQL statements

## Audience

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

### Day 1

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Module	1	Windchill System Architecture Overview
Module	2	Planning Windchill Installation
Module	3	Installing Windchill Components
Module	4	Managing Windchill Services
Module	5	Managing Windchill Properties
Module	6	File Vaulting and Replication Overview
Module	7	Implementing File Vaults

### Day 2

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Module	8	Implementing Content Replication
Module	9	Tuning Windchill Server
Module	10	Managing Background Queues
Module	11	Tuning Workflow Processes
Module	12	Oracle Database Management

### Day 3

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Module	13	Windchill Backup and Recovery
Module	14	Managing Log Files and Alerts
Module	15	System Monitoring — Daily Tasks
Module	16	System Monitoring — Weekly Tasks
Module	17	System Monitoring — Monthly Tasks

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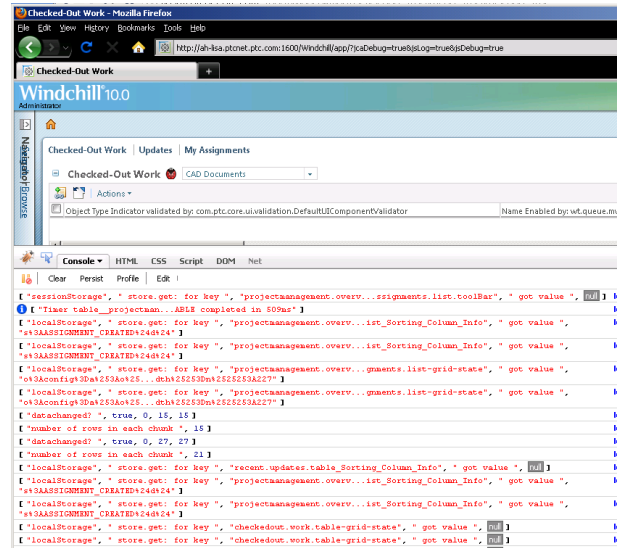
# Customization of Windchill 10.0

## Overview

Course Code **TRN-3170**

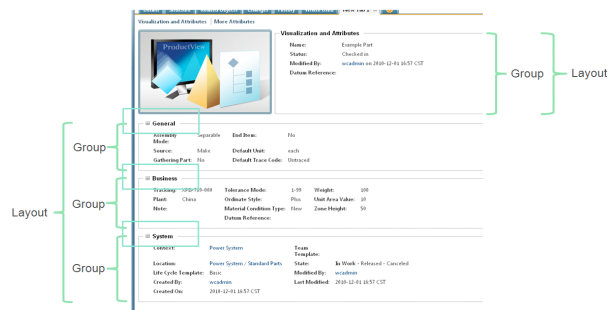
Course Length **5 Days**

This course provides an overview of how to customize Windchill 10.0. This course is intended for an advanced audience – it is nearly identical to the customization training that PTC employees and partners receive. As such, it assumes significant experience as a Windchill administrator and Java programmer., and This course begins with the lightweight customization technologies, including how to create types, attributes, and user interfaces in the Type and Attribute Manager. Then, the course introduces how to customize the Windchill User Interface, including how to configure additional links in the Windchill navigator and how to create and modify user interfaces using JSP, Springs, and JCA. Next, the course teaches how to create server customizations, such as object model extensions, automated services, new modeled types, and how to configure resource bundles.



## Course Objectives

- Define New Attributes
- Describe the Difference between Standard and Global Attributes
- Add properties and constraints to Attributes
- Organize Attributes in a Layout
- Migrate Attribute Definition and Data from Test to Production servers
- Use out-of-the-box tying tools
- Access Attribute Values
- Type Related Interfaces.
- Use the development environment provided in the classroom virtual machine
- Change the logos using stylesheets
- Identify, describe and use Windchill client architectural components.
- Understand file structure and key files used in the Windchill client architecture.
- Configure and customize the Windchill client UI.
- Demonstrate Annotations
- Demonstrate how to create Helpers
- Demonstrate the use of Annotations in Resource Bundles
- Demonstrate how to extend the Windchill Object Model using Annotations instead of Rational Rose.



## Prerequisites

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- Windchill 10.0 Business Administration
- Windchill 10.0 System Administration
- Experience with Java coding

## Audience

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- Windchill Application Developers
-

## Agenda

Module	1	Overview Introduction
Module	2	Attribute Organization Introduction
Module	3	Attribute Definition Introduction
Module	4	Attribute Customization Introduction
Module	5	Advanced Topics Introduction
Module	6	Introduction to Your Development Tools
Module	7	Windchill 10 UI Overview
Module	8	Navigation
Module	9	Information Pages
Module	10	MVC
Module	11	Windchill Object Model
Module	12	Annotations in General
Module	13	Resource Bundles
Module	14	Calling the Method Server
Module	15	Extending the Windchill Object Model

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## Web Based Curriculum Guide

- Locate and View Information with Windchill PDMLink 10.0
  - Visualization with Creo Elements/View Lite 10.0 for Windchill PDMLink 10.0
  - Creo Elements/Pro Data Management with Windchill PDMLink 10.0
  - CATIA Data Management with Windchill PDMLink 10.0
  - NX Data Management with Windchill PDMLink 10.0
  - SolidWorks Data Management with Windchill PDMLink 10.0
  - AutoCAD Data Management with Windchill PDMLink 10.0
  - Product Structure Management with Windchill PDMLink 10.0
  - Standard Document Management with Windchill PDMLink 10.0
  - Change Management with Windchill PDMLink 10.0
  - Work Management with Windchill PDMLink 10.0
  - Business Administration Overview of Windchill PDMLink 10.0
  - User and Policy Administration of Windchill PDMLink 10.0
  - Data and Context Administration of Windchill PDMLink 10.0
  - Process Administration of Windchill PDMLink 10.0
  - Creo Elements/Pro Data Administration in Windchill 10.0
  - System Administration Overview of Windchill 10.0
-

- Installation and Configuration of Windchill 10.0
  - Performance Tuning of Windchill 10.0
  - Backup and Recovery of Windchill 10.0
  - System Monitoring and Maintenance of Windchill 10.0
  - Windchill PDMLink 10.0 for Information Viewers
  - Windchill PDMLink 10.0 for Reviewers and Approvers
  - Windchill PDMLink 10.0 for Creo Elements/Pro Users
  - Windchill PDMLink 10.0 for CATIA Users
  - Windchill PDMLink 10.0 for NX Users
  - Windchill PDMLink 10.0 for SolidWorks Users
  - Windchill PDMLink 10.0 for AutoCAD Users
  - Windchill PDMLink 10.0 for Engineers
  - Windchill PDMLink 10.0 for Manufacturing Engineers
  - Windchill PDMLink 10.0 for Configuration Managers
  - Windchill PDMLink 10.0 for Document Editors and Authors
  - Windchill PDMLink 10.0 for Managers
  - Update to Windchill PDMLink 10.0 from Windchill PDMLink 8.0
  - Update to Windchill PDMLink 10.0 from Windchill PDMLink 9.0/9.1
-

- Update to Creo Elements/Pro Data Management with Windchill PDMLink 10.0 from Windchill PDMLink 8.0
  - Update to Creo Elements/Pro Data Management with Windchill PDMLink 10.0 from Windchill PDMLink 9.0/9.1
  - Introduction to Windchill PDMLink 10.0 for Light Users
  - Introduction to Windchill PDMLink 10.0 for Heavy Users
  - Introduction to Windchill PDMLink 10.0 for the Implementation Team
  - Creo Elements/Pro Data Management with Windchill PDMLink 10.0
  - Business Administration of Windchill PDMLink 10.0
  - Update to Windchill 10.0 for System Administrators
  - System Administration of Windchill 10.0
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## Locate and View Information with Windchill PDMLink 10.0

### Overview

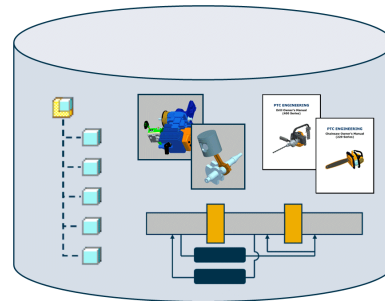
Course Code WBT-3020

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.

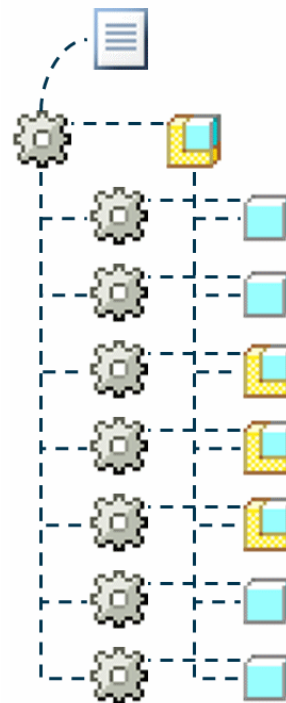
In this Locate and View Information with Windchill PDMLink 10.0 course, you will learn basic skills required to access and view information, such as: logging on, accessing help, and locating and viewing product information.

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

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- 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
-



## Table of Contents

Module	1	Introduction to the Windchill Environment
Module	2	Locating Information
Module	3	Viewing Information

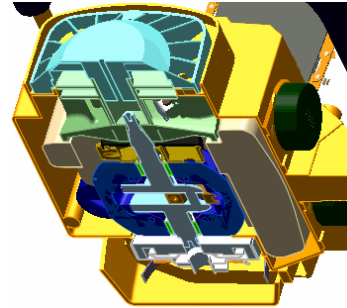
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# Visualization with Creo Elements/View Lite 10.0 for Windchill PDMLink 10.0

## Overview

Course Code WBT-3021

Course Length 3.5 hour



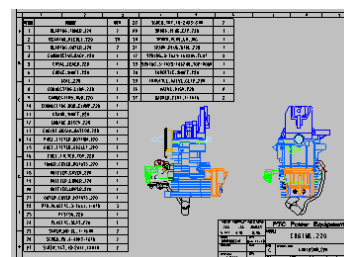
This course constitutes a comprehensive review of Creo Elements/View Lite 10.0 functionality. In addition, the content is built to support topic-based course configurations.

In this Visualization with Creo Elements/View Lite 10.0 for Windchill PDMLink 10.0 course, you will learn about Creo Elements/View and its role as a visualization solution for Product Data Management systems. You will learn how to visualize products and navigate through or query 3-D models, 2-D drawings, images, and documents. You will also learn how to deconstruct models to view how components fit together. Finally, you will learn how to create markups and save annotation sets to communicate design ideas and problems.

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 visualization
- Introduction to the Creo Elements/View user interface
- Navigating and orienting 3-D models
- Finding and selecting model components
- Changing model appearances
- Working with model annotations
- Exploding model components
- Sectioning models
- Working with components and groups
- Viewing 2-D drawings, images, and documents
- Creating markups and annotation sets
- Taking measurements



## Prerequisites

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- Locate and View Information with Windchill PDMLink10.0

## Audience

---

- This course is intended for any user that needs to view and manipulate product information residing within the Windchill PDMLink system
-

## Table of Contents

Module	1	Introduction to Visualization
Module	2	Getting Around in Creo Elements/View
Module	3	Viewing and Interrogating Models
Module	4	Deconstructing a Creo Elements/View Model
Module	5	Working with Components
Module	6	Viewing Drawings, Images, and Documents
Module	7	Working with Markups and Annotation Sets
Module	8	Working with Construction Geometry

---

# Creo Elements/Pro Data Management with Windchill PDMLink 10.0

## Overview

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Course Code WBT-3022

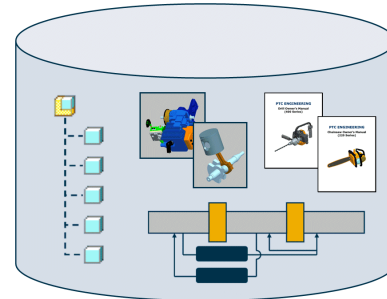
Course Length 4.5 hour

This course constitutes a comprehensive review of Windchill PDMLink Creo Elements/Pro 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, as well as having 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 Elements/Pro design information. Specifically, you will focus on the day-to-day data management tasks required by the Creo Elements/Pro 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 Elements/Pro CAD Documents and their associated product structure objects.

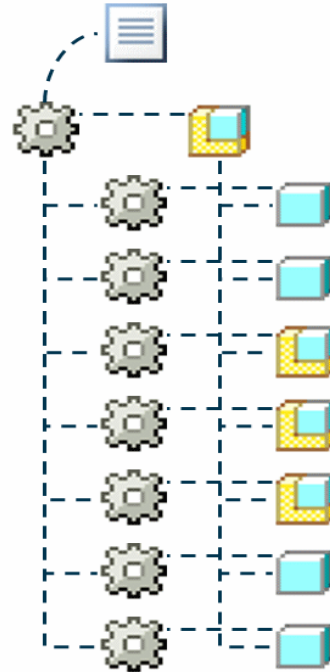
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

---

- Locating information
- Viewing information
- Creating new designs and sharing design information
- Modifying and managing existing design information
- Understanding Windchill parts and their association to CAD documents
- Understanding file relationships and dependencies
- Managing family tables
- Workspace frames



## Prerequisites

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- WBT-3020-0 Locate and View Information with Windchill PDMLink 10.0 or equivalent
- Working knowledge of Creo Elements/Pro

## Audience

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

## Table of Contents

Module	1	Getting Started with Creo Elements/Pro Data Management
Module	2	Initiating New Designs and Sharing Design Data
Module	3	Modifying and Managing Design Data
Module	4	Understanding File Relationships and Dependencies
Module	5	Managing Family Tables
Module	6	Managing CAD Data

---

# CATIA Data Management with Windchill 10.0

## Overview

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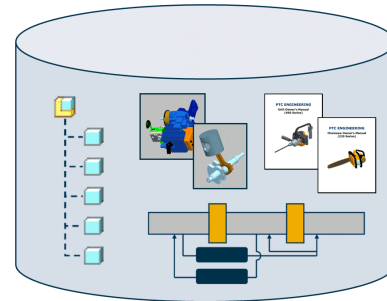
Course Code	WBT-3023
Course Length	3.5 Hour

This course constitutes a comprehensive review of Windchill PDMLink CATIA 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 CAD data management tasks and activities, as well as having 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 CATIA design information. Specifically, you will focus on the day-to-day data management tasks required by the CATIA 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 CATIA CAD documents and their associated product structure objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 10.0 course or all modules of the Windchill PDMLink 10.0 – CAD Data Management course.

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.

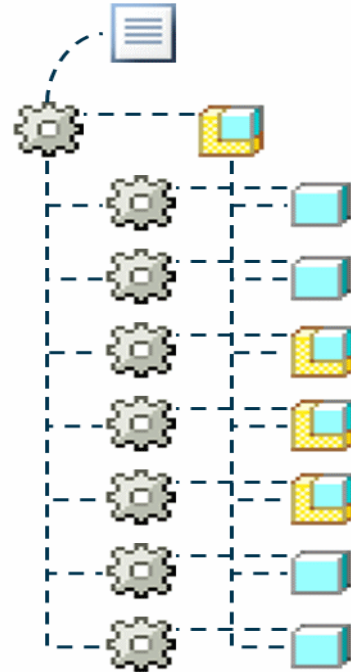




## Course Objectives

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- Locating information
- Viewing information
- Creating new designs and sharing design information
- Modifying and managing existing design information
- Understanding Windchill parts and their association to CAD documents
- Understanding file relationships and dependencies
- Managing family tables



## Prerequisites

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- WBT-3020-0 Locate and View Information with Windchill 10.0 or equivalent
- Working knowledge of CATIA V5

## Audience

---

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

## Table of Contents

Module	1	Getting Started with CAD Data Management
Module	2	Initiating New Designs and Sharing Design Data
Module	3	Modifying and Managing Design Data
Module	4	Managing Family Tables

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# NX Data Management with Windchill PDMLink 10.0

## Overview

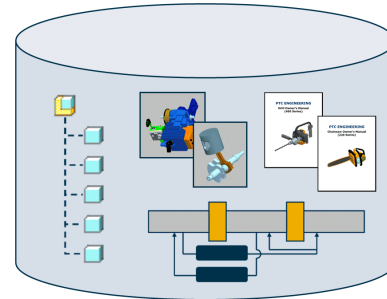
Course Code	WBT-3024
Course Length	3 Hours

This course constitutes a comprehensive review of Windchill PDMLink NX 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 CAD data management tasks and activities, as well as having 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 NX design information. Specifically, you will focus on the day-to-day data management tasks required by the NX 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 NX CAD documents and their associated product structure objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 10.0 course or all modules of Windchill PDMLink 10.0 - CAD Data Management course.

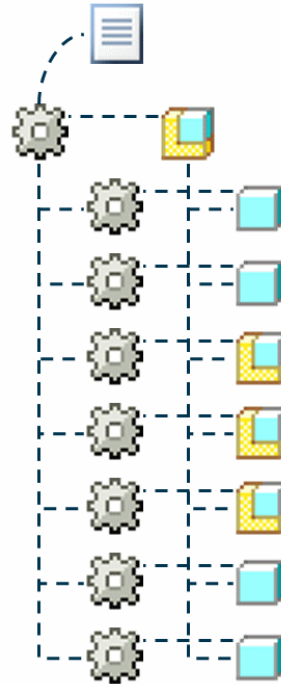
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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- Locating information
- Viewing information
- Creating new designs and sharing design information
- Modifying and managing existing design information
- Understanding Windchill parts and their association to CAD documents
- Understanding file relationships and dependencies
- Managing family tables



## Prerequisites

---

- WBT-3020-0 Locate and View Information with Windchill PDMLink 10.0 or equivalent
- Working knowledge of NX

## Audience

---

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

## Table of Contents

Module	1	Getting Started with CAD Data Management
Module	2	Initiating New Designs and Sharing Design Data
Module	3	Modifying and Managing Design Data
Module	4	Managing Family Tables

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# SolidWorks Data Management with Windchill PDMLink 10.0

## Overview

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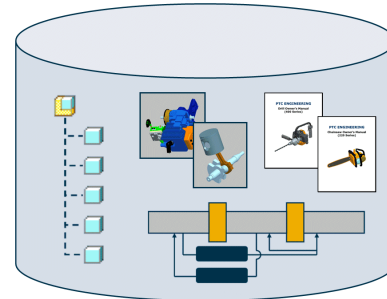
Course Code	WBT-3025
Course Length	3 Hours

This course constitutes a comprehensive review of Windchill PDMLink SolidWorks 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 CAD data management tasks and activities, as well as having 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 SolidWorks design information. Specifically, you will focus on the day-to-day data management tasks required by the SolidWorks 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 SolidWorks CAD documents and their associated product structure objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 10.0 course or all modules of Windchill PDMLink 10.0 - CAD Data Management course.

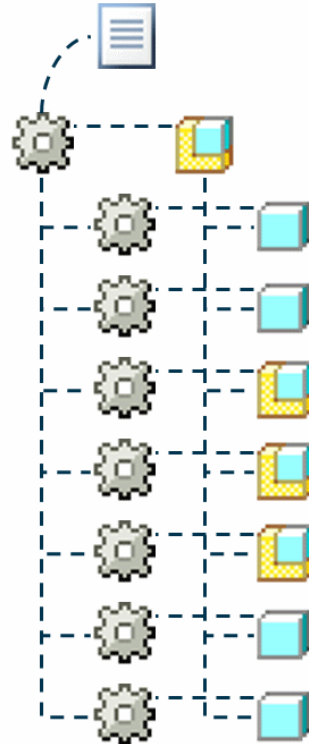
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

---

- Locating information
- Viewing information
- Creating new designs and sharing design information
- Modifying and managing existing design information
- Understanding Windchill parts and their association to CAD documents
- Understanding file relationships and dependencies
- Managing family tables



## Prerequisites

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- WBT-3020-0 Locate and View Information with Windchill PDMLink 10.0 or equivalent
- Working knowledge of SolidWorks

## Audience

---

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

## Table of Contents

Module	1	Getting Started with CAD Data Management
Module	2	Initiating New Designs and Sharing Design Data
Module	3	Modifying and Managing Design Data
Module	4	Managing Family Tables

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# AutoCAD Data Management with Windchill PDMLink 10.0

## Overview

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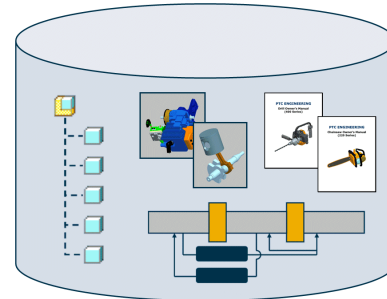
Course Code	WBT-3026
Course Length	3 Hours

This course constitutes a comprehensive review of Windchill PDMLink AutoCAD 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 CAD data management tasks and activities, as well as having 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 AutoCAD design information. Specifically, you will focus on the day-to-day data management tasks required by the AutoCAD 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 AutoCAD CAD documents and their associated product structure objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 10.0 course or all modules of Windchill PDMLink 10.0 - CAD Data Management course.

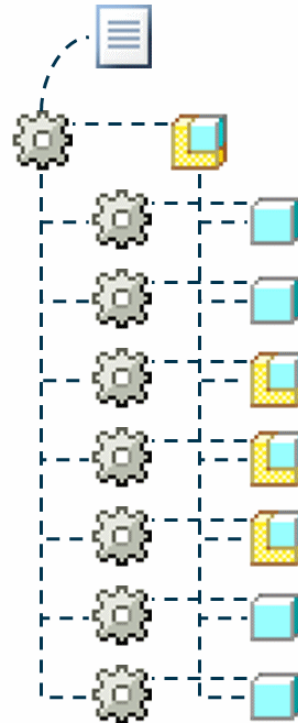
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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- Locating information
- Viewing information
- Creating new designs and sharing design information
- Modifying and managing existing design information
- Understanding Windchill parts and their association to CAD documents
- Understanding file relationships and dependencies



## Prerequisites

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- WBT-3020-0 Locate and View Information with Windchill PDMLink 10.0 or equivalent
- Working knowledge of AutoCAD

## Audience

---

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

## Table of Contents

Module	1	Getting Started with CAD Data Management
Module	2	Initiating New Designs and Sharing Design Data
Module	3	Modifying and Managing Design Data

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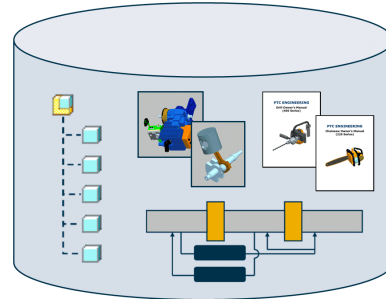
# Product Structure Management with Windchill PDMLink 10.0

## Overview

Course Code SAB-CEK3029

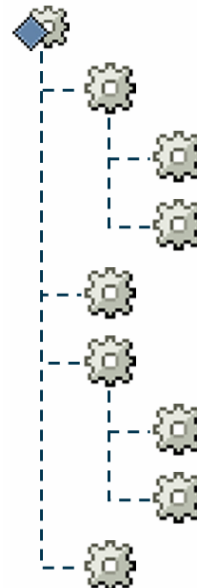
Course Length 2.5 Hours

This course constitutes a comprehensive review of product structure management functionality. In addition, the content is built to support topic-based course configurations. In this course, you will learn some of the concepts and terms that surround products and product structures. You will learn how to create product structures using part-centric and CAD-centric approaches. You will explore the Product Structure Explorer interface and learn how to build product structures using Product Structure Explorer. You will create baselines and new view versions of product structures. You also create bill of materials (BOM) notes to facilitate manufacturing. Finally, you will learn about many of the more complex product structure configuration options and how they can be used.



## Course Objectives

- Identify the role of parts, end items, and documents in product structures.
- Identify various approaches used to create product structures.
- Build and edit product structures.
- Create product structures using Product Structure Explorer.
- Identify various product configurations.
- Add bill of materials (BOM) notes to product structures.
- Add replacement parts to product structures.
- Process part occurrences and add reference designator information.
- Set product effectivity.
- Create and manage product configurations and instances.



## Prerequisites

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- WBT-3020-0 Locate and View Information with Windchill PDMLink 10.0

## Audience

---

- This course is intended for any user that needs to create or manage Windchill parts or product structures.
-

## Table of Contents

Module	1	Introduction to Product Structure Management
Module	2	Viewing Product Structures
Module	3	Creating Product Structures
Module	4	Managing Product Structures
Module	5	Managing Structure Filters
Module	6	Managing Parts in Product Structure Explorer
Module	7	Managing Configurations and Instances

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# Standard Document Management with Windchill PDMLink 10.0

## Overview

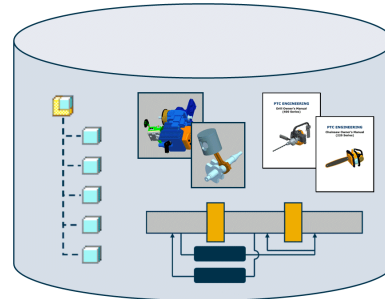
Course Code WBT-3030

Course Length 1 Hour

This course constitutes a comprehensive review of Standard Document Management functionality. In addition, the content is built to support topic-based course configurations.

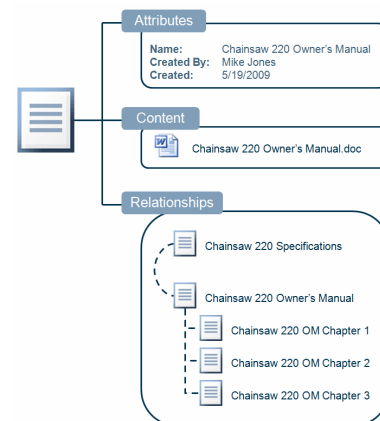
In this Standard Document Management with Windchill PDMLink 10.0 course, you will learn the basic skills necessary to perform typical document management tasks using Windchill PDMLink 10.0. You will learn document management skills, such as creating and modifying documents.

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

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- WBT-3020-0 Locate and View Information with Windchill PDMLink 10.0

## Audience

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- This course is intended for any user that will manage documents within Windchill PDMLink
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## Table of Contents

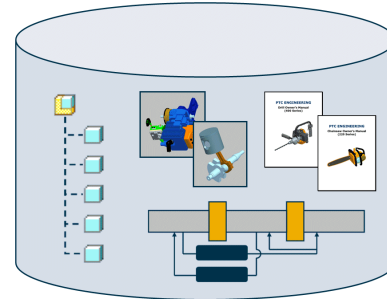
Module	1	Creating Documents and Links
Module	2	Modifying and Managing Documents

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# Change Management with Windchill 10.0

## Overview

Course Code	WBT-3032
Course Length	1.5 Hours



This course constitutes a comprehensive review of Windchill Change Management functionality. In addition, the content is built to support topic-based course configurations.

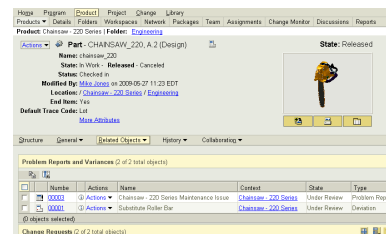
After completing this course, you will be prepared to complete basic Windchill Change Management tasks and activities, as well as having a better understanding of Windchill change management processes.

In this course, you will learn about change management capabilities in Windchill. You will review the closed-loop change process that is the foundation of Windchill's Change Management discipline. You will learn how to report problems and monitor the progress of changes. You will also 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.

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 only 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

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- WBT-3000-0 Locate and View Information with Windchill 10.0 or equivalent
- Basic understanding of product development processes and deliverables
- Basic browser and Web navigation skills

## Audience

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

## Table of Contents

Module	1	Introduction to the Change Process
Module	2	Creating Change Requests
Module	3	Creating Change Notices
Module	4	Implementing Changes
Module	5	Variations

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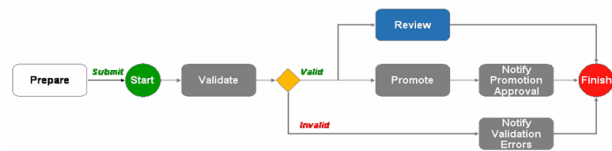
# Work Management with Windchill PDMLink 10.0

## Overview

Course Code WBT-3033

Course Length 2 Hours

This course constitutes a comprehensive review of common Windchill tasks. In addition, the content is built to support topic-based course configurations. In this course, you will learn how to manage your work. You will explore the Windchill communication and collaboration mechanism including packages. You 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.

Number	Name	Revision	State	Last Modified
000001	Drill - 900 Series	A	In Work	2011-02-10 14:23 EST
000002	Clutch 900	A	In Work	2011-02-10 15:02 EST
000003	Carburetor 900	A	In Work	2011-02-10 17:09 EST

## Prerequisites

- Basic Windchill 10.0 understanding.

## Audience

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



## Table of Contents

Module	1	Managing Your Work
Module	2	Communication and Collaboration
Module	3	Participating in Processes
Module	4	Performing Common Tasks
Module	5	Managing Windchill Packages

---

## Business Administration Overview of Windchill PDMLink 10.0

### Overview

Course Code WBT-3084

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.

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-3020 Locate and View Information with Windchill PDMLink 10.0

### 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.

## Table of Contents

Module	1	Introduction to Windchill Business Administration
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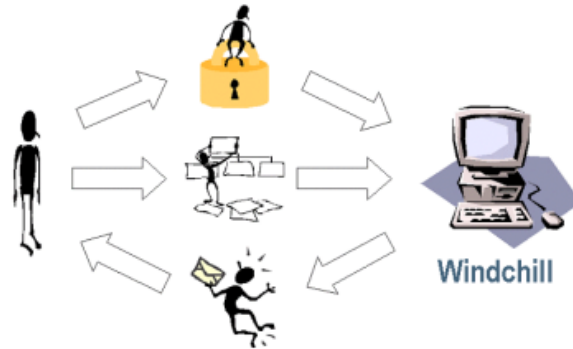
## User and Policy Administration of Windchill PDMLink 10.0

### Overview

Course Code WBT-3085

Course Length 3 Hours

In this course, you will learn how to administer users, groups, domains, teams, and access control in Windchill PDMLink. 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
<b>Applies To: Participant (7 Items)</b>			
<input type="checkbox"/> Administrators	<a href="#">i</a>	<input checked="" type="checkbox"/> Full Control (All)	<input type="checkbox"/> Read
<input type="checkbox"/> Product Manager	<a href="#">i</a>	<input checked="" type="checkbox"/> Full Control (All)	<input type="checkbox"/> Read
<input type="checkbox"/> Team Members	<a href="#">i</a>	<input type="checkbox"/> Full Control (All)	<input checked="" type="checkbox"/> Read
<input type="checkbox"/> Collaboration Manager	<a href="#">i</a>	<input type="checkbox"/> Full Control (All)	<input checked="" type="checkbox"/> Read
<input type="checkbox"/> Guest	<a href="#">i</a>	<input type="checkbox"/> Full Control (All)	<input checked="" type="checkbox"/> Read
<input type="checkbox"/> PTC Outdoors Research and Development Group	<a href="#">i</a>	<input checked="" type="checkbox"/> Full Control (All)	<input type="checkbox"/> Read

### Prerequisites

- WBT-3084 Business Administration Overview of Windchill PDMLink 10.0

### 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.

## Table of Contents

Module	1	Managing Participants
Module	2	Managing Domain Policies and Access Control
Module	3	Managing Teams

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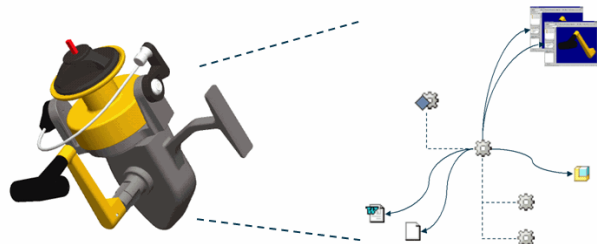
# Data and Context Administration of Windchill PDMLink 10.0

## Overview

Course Code	WBT-3086
Course Length	3.5 Hour

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.

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

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- WBT-3084 Business Administration Overview of Windchill PDMLink 10.0

## Audience

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- 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.
-

## Table of Contents

Module	1	Managing Contexts
Module	2	Managing Objects, Object Types, and Object Attributes
Module	3	Managing Object Type Behavior
Module	4	Managing Organization Templates
Module	5	Administrative Support Tools

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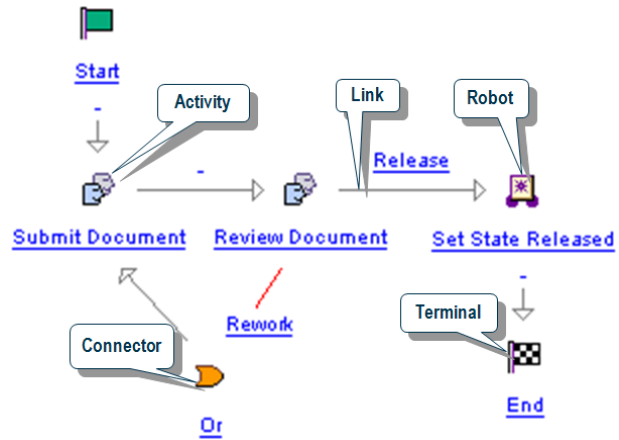
# Process Administration for Windchill PDMLink 10.0

## Overview

Course Code	WBT-3087
Course Length	2.5 Hour

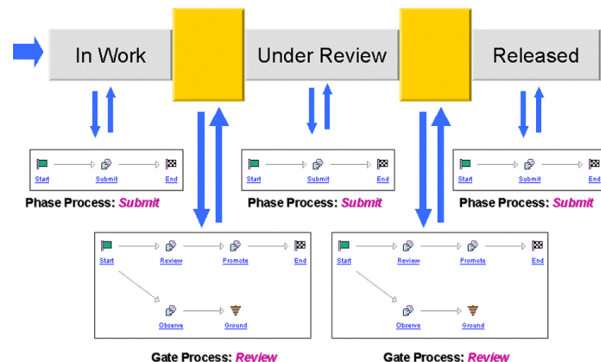
In this course, you will learn about the administrative objects that control object state. First, you will learn about Life Cycle Templates, which define the states of objects. Then, you will learn about the technologies that are commonly used to promote an object from state to state, including Workflow Templates, Promotion Requests, and Change Management.

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-3084 Business Administration Overview of Windchill PDMLink 10.0

## 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.

## Table of Contents

Module	1	Automating Processes Using Life Cycles and Workflows
Module	2	Implementing Promotion and Change Processes

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# Creo Elements/Pro Data Administration in Windchill 10.0

## Overview

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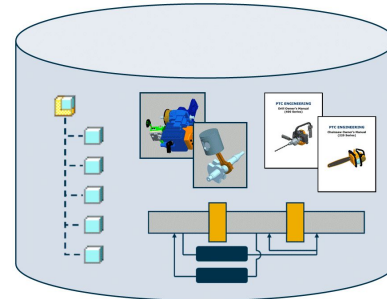
Course Code	WBT-3100
Course Length	1 Hour

This course constitutes a comprehensive review of configuring Creo Elements/Pro 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 Elements/Pro to work in a Windchill environment, as well as having a basic understanding of the Creo Elements/Pro and Windchill architectures.

In this course, you will learn key capabilities and features of configuring Creo Elements/Pro to work with Windchill. You learn about the Windchill architecture that is used to support Creo Elements/Pro. You learn about Creo Elements/Pro configuration files and options, and preferences in Windchill which together configure your working environment for the management of your Creo Elements/Pro CAD documents.

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.

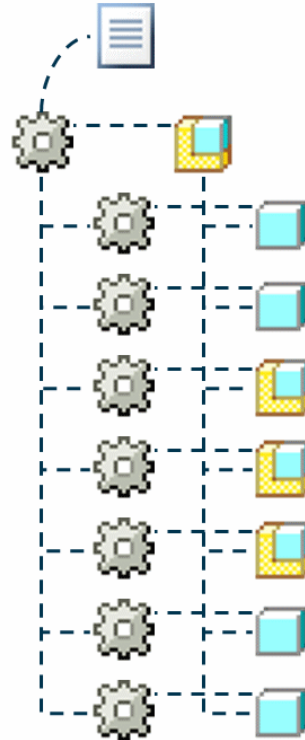




## Course Objectives

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- Understanding the Windchill Workgroup Manager Architecture
- Use and edit Creo Elements/Pro Startup Files (PSF)
- Use configuration elements to configure Creo Elements/Pro to work with Windchill
- Configure Creo Elements/Pro startup files
- Configure Windchill Workgroup Manager Preferences in Windchill
- Map Creo Elements/Pro parameters to Windchill Attributes



## Prerequisites

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- WBT-3000-0 Locate and View Information with Windchill 10.0 or equivalent
- Basic understanding of Creo Elements/Pro

## Audience

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- This course is intended for System Administrators and end users

## Table of Contents

Module	1	Creo Elements/Pro Data Administration
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## System Administration Overview of Windchill 10.0

### Overview

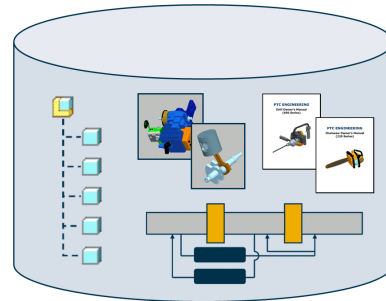
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Course Code      WBT-3103

Course Length    0.5 hrs

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 with each other.

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.



### Course Objectives

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



### Prerequisites

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- Completion of any one of the following:
  - WBT-3080-0 Business Administration Overview of Windchill 10.0
  - WBT-3084-0 Business Administration Overview of Windchill PDMLink 10.0
  - WBT-3088-0 Business Administration Overview of Windchill ProjectLink 10.0
  - WBT-3092-0 Business Administration Overview of Pro/INTRALINK 10.0
  - WBT-3096-0 Business Administration Overview of Arbortext Content Manager 10.0

### Audience

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

## Table of Contents

Module	1	Windchill System Architecture Overview
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# Installation and Configuration of Windchill 10.0

## Overview

Course Code	WBT-3104
Course Length	4 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, Tomcat servlet engine, 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 distributed environment. Additional topics include, setting up replication vaults, replication rules, and replications schedules.

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.



## Course Objectives

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



## Prerequisites

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- WBT-3103-0 System Administration Overview of Windchill 10.0

## Audience

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

## Table of Contents

Module	1	Planning Windchill Installation
Module	2	Installing Windchill Components
Module	3	File Vaulting and Replication Overview
Module	4	Implementing File Vaults
Module	5	Implementing Content Replication

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# Performance Tuning of Windchill 10.0

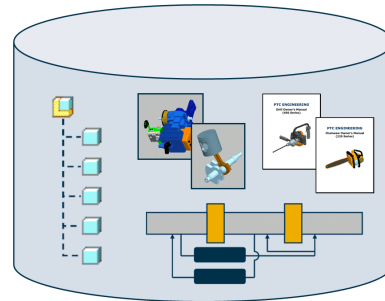
## Overview

Course Code WBT-3105

Course Length 2 Hour

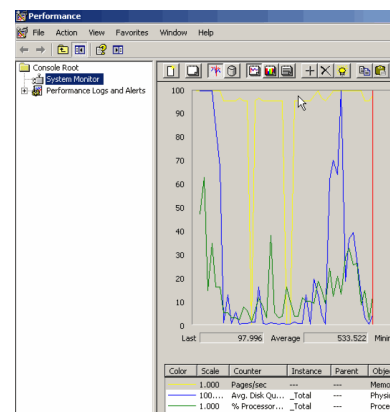
In this course, you will learn how to optimize various Windchill components for performance. You will identify and modify various Windchill configuration property settings. You will learn how to allocate additional memory to Windchill components and how to effectively manage Windchill cache. Additionally, 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.

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.



## 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

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- WBT-3103-0 System Administration Overview of Windchill 10.0

## Audience

---

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

## Table of Contents

Module	1	Managing Windchill Properties
Module	2	Managing Background Queues
Module	3	Tuning Windchill Server
Module	4	Tuning Workflow Processes
Module	5	Oracle Database Management

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## Backup and Recovery of Windchill 10.0

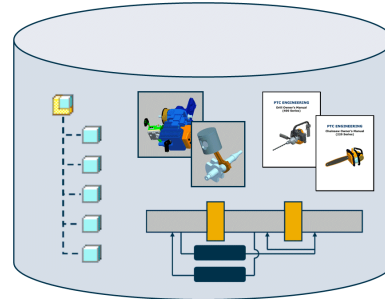
### Overview

Course Code WBT-3106

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, servlet engine, Oracle database, Windchill application server, and Windchill Directory Server. Additionally, you will learn how to perform a system recovery in case of a disaster.

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.



### 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

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- WBT-3103-0 System Administration Overview of Windchill 10.0

## Audience

---

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

## Table of Contents

Module	1	Windchill Backup and Recovery
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# System Monitoring and Maintenance of Windchill 10.0

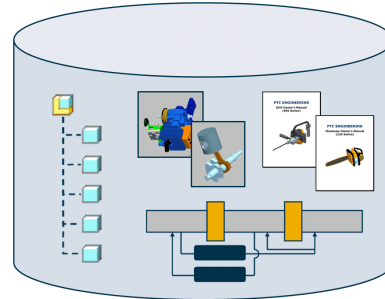
## Overview

Course Code WBT-3107

Course Length 2 Hour

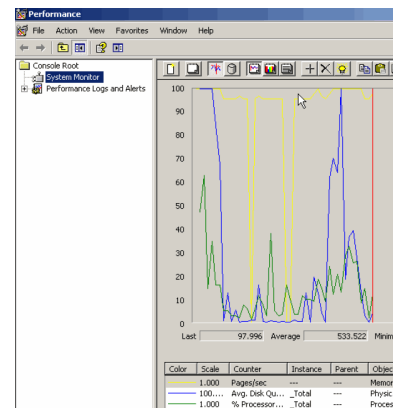
In this course, you will learn about the overall Windchill system monitoring and maintenance mechanism. Specifically, you will focus on the daily, weekly, and monthly system maintenance tasks required by the Windchill system administrators. You will also learn how to manage Windchill log files, database alerts, and system services. Additionally, you will learn how to properly start and stop Windchill component services.

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.



## 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

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- WBT-3103-0 System Administration Overview of Windchill 10.0

## Audience

---

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

## Table of Contents

Module	1	Managing Windchill Services
Module	2	Managing Log Files and Alerts
Module	3	System Monitoring — Daily Tasks
Module	4	System Monitoring — Weekly Tasks
Module	5	System Monitoring — Monthly Tasks

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## Windchill PDMLink 10.0 for Information Viewers

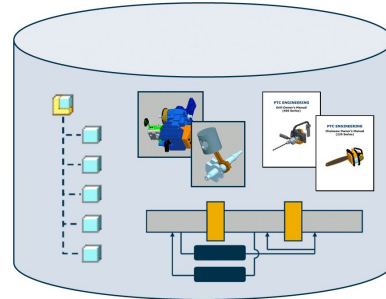
### Overview

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Course Code WBT-3120-01

Course Length 4 hours

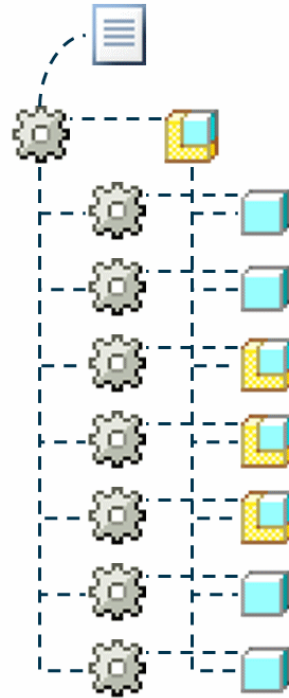
In this course, you will learn how to complete basic functions to navigate and view information within Windchill PDMLink. You will learn how to access and navigate the Windchill PDMLink environment, view product, change, and package information, use Windchill PDMLink's visualization tools, create problem 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

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- None

## Audience

---

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

## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Introduction to Visualization
Module	4	Getting Around in Creo Elements/View
Module	5	Viewing and Interrogating Models
Module	6	Change Management Using Windchill

---

## Windchill PDMLink 10.0 for Reviewers and Approvers

### Overview

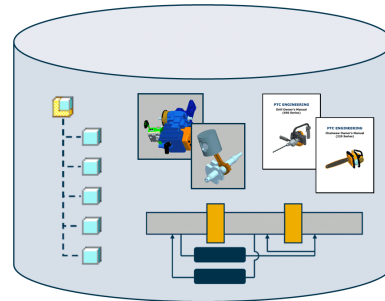
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Course Code	WBT-3121
Course Length	5 Hours

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.

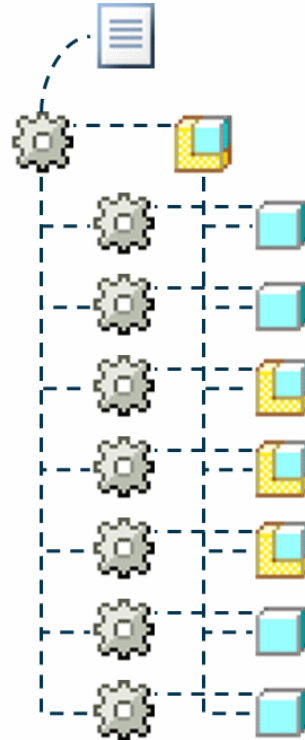
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## 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

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- None

## Audience

---

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

## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Creating Documents and Links
Module	4	Modifying and Managing Documents
Module	5	Introduction to Visualization
Module	6	Getting Around in Creo Elements/View
Module	7	Viewing and Interrogating Models
Module	8	Deconstructing a Creo Elements/View Model
Module	9	Working with Components
Module	10	Viewing Drawings, Images, and Documents
Module	11	Working with Markups and Annotation Sets
Module	12	Working with Construction Geometry
Module	13	Introduction to the Change Process
Module	14	Creating Change Requests
Module	15	Creating Change Notices
Module	16	Implementing Changes
Module	17	Variances
Module	18	Introduction to Product Structure Management
Module	19	Viewing Product Structures
Module	20	Creating Product Structures
Module	21	Managing Product Structures
Module	22	Managing Structure Filters

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# Windchill PDMLink 10.0 for Creo Elements/Pro Users

## Overview

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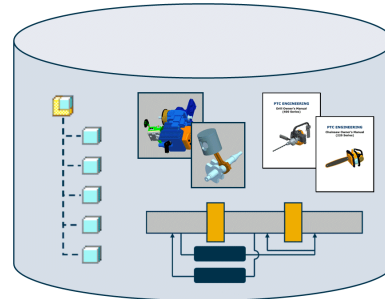
Course Code WBT-3122

Course Length 15 Hour

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; documents, Creo CAD data, and product structures. You will also learn how to use Windchill visualization and Windchill Change Management. You will focus on the day-to-day Windchill activities required by the Creo Elements/Pro user community.

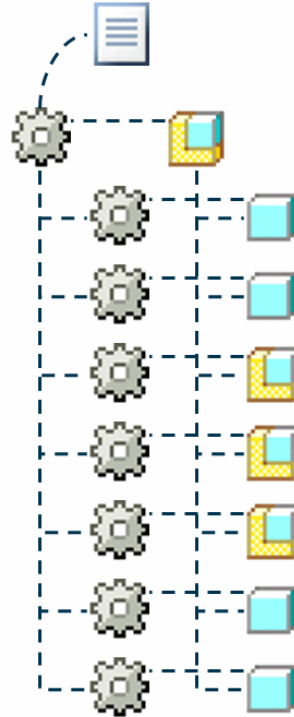
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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- 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

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- Working knowledge of Creo Elements/Pro

## Audience

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



## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Working With Documents Using Windchill
Module	4	Getting Started with Creo Elements/Pro Data Management
Module	5	Initiating New Designs and Sharing Design Data
Module	6	Modifying and Managing Design Data
Module	7	Understanding File Relationships and Dependencies
Module	8	Managing Family Tables
Module	9	Managing Workspace Data
Module	10	Introduction to Product Structure Management
Module	11	Viewing Product Structures
Module	12	Creating Product Structures
Module	13	Managing Product Structures
Module	14	Managing Structure Filters
Module	15	Managing Configurations and Instances
Module	16	Managing Parts in Product Structure Explorer
Module	17	Introduction to Visualization
Module	18	Getting Around in Creo Elements/View
Module	19	Viewing and Interrogating Models
Module	20	Deconstructing a Creo Elements/View Model
Module	21	Working with Components
Module	22	Viewing Drawings, Images, and Documents
Module	23	Working with Markups and Annotation Sets
Module	24	Working with Construction Geometry
Module	25	Change Management Using Windchill

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# Windchill PDMLink 10.0 for CATIA Users

## Overview

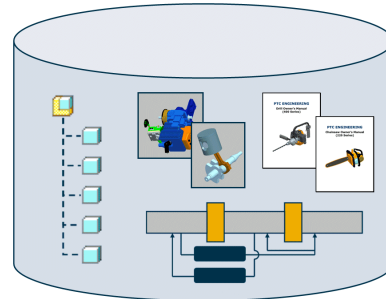
Course Code WBT-3123

Course Length 13 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.

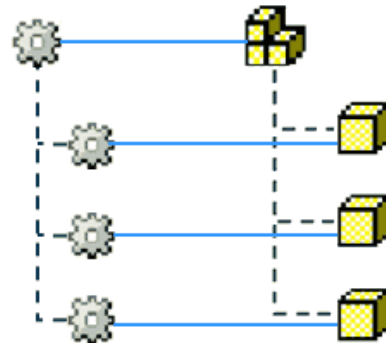
In this course, you will learn key capabilities and features of Windchill PDMLink and how to use Windchill to manage; documents, CAD data, and product structures. You will also learn how to use Windchill visualization and Windchill Change Management. You will focus on the day-to-day Windchill activities required by the CAD data management user community.

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 data
- View design data
- 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

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- Working knowledge of a CAD application

## Audience

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

## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Working With Documents Using Windchill
Module	4	Getting Started with CAD Data Management
Module	5	Initiating New Designs and Sharing Design Data
Module	6	Modifying and Managing Design Data
Module	7	Managing Family Tables
Module	8	Introduction to Product Structure Management
Module	9	Viewing Product Structures
Module	10	Creating Product Structures
Module	11	Managing Product Structures
Module	12	Managing Structure Filters
Module	13	Managing Configurations and Instances
Module	14	Managing Parts in Product Structure Explorer
Module	15	Introduction to Visualization
Module	16	Getting Around in Creo Elements/View
Module	17	Viewing and Interrogating Models
Module	18	Deconstructing a Creo Elements/View Model
Module	19	Working with Components
Module	20	Viewing Drawings, Images, and Documents
Module	21	Working with Markups and Annotation Sets
Module	22	Working with Construction Geometry
Module	23	Change Management Using Windchill

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## Windchill PDMLink 10.0 for NX User

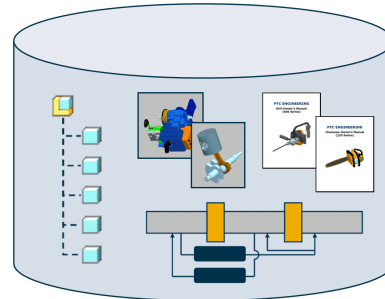
### Overview

Course Code	WBT-3124
Course Length	13 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.

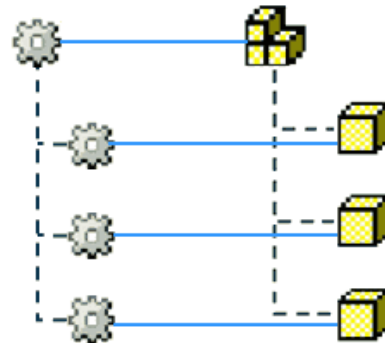
In this course, you will learn key capabilities and features of Windchill PDMLink and how to use Windchill to manage; documents, CAD data, and product structures. You will also learn how to use Windchill visualization and Windchill Change Management. You will focus on the day-to-day Windchill activities required by the CAD data management user community.

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 data
- View design data
- 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

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- Working knowledge of a CAD application

## Audience

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

## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Working With Documents Using Windchill
Module	4	Getting Started with CAD Data Management
Module	5	Initiating New Designs and Sharing Design Data
Module	6	Modifying and Managing Design Data
Module	7	Managing Family Tables
Module	8	Introduction to Product Structure Management
Module	9	Viewing Product Structures
Module	10	Creating Product Structures
Module	11	Managing Product Structures
Module	12	Managing Structure Filters
Module	13	Managing Configurations and Instances
Module	14	Managing Parts in Product Structure Explorer
Module	15	Introduction to Visualization
Module	16	Getting Around in Creo Elements/View
Module	17	Viewing and Interrogating Models
Module	18	Deconstructing a Creo Elements/View Model
Module	19	Working with Components
Module	20	Viewing Drawings, Images, and Documents
Module	21	Working with Markups and Annotation Sets
Module	22	Working with Construction Geometry
Module	23	Change Management Using Windchill

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## Windchill PDMLink 10.0 for SolidWorks Users

### Overview

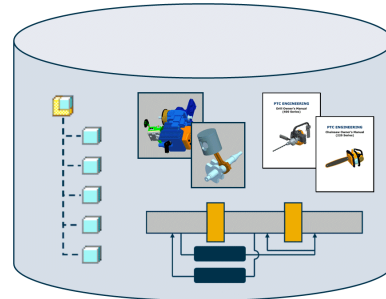
Course Code WBT-3125

Course Length 13 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.

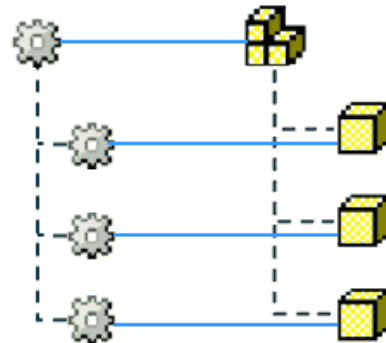
In this course, you will learn key capabilities and features of Windchill PDMLink and how to use Windchill to manage; documents, CAD data, and product structures. You will also learn how to use Windchill visualization and Windchill Change Management. You will focus on the day-to-day Windchill activities required by the CAD data management user community.

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 data
- View design data
- 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

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- Working knowledge of a CAD application

## Audience

---

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

## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Working With Documents Using Windchill
Module	4	Getting Started with CAD Data Management
Module	5	Initiating New Designs and Sharing Design Data
Module	6	Modifying and Managing Design Data
Module	7	Managing Family Tables
Module	8	Introduction to Product Structure Management
Module	9	Viewing Product Structures
Module	10	Creating Product Structures
Module	11	Managing Product Structures
Module	12	Managing Structure Filters
Module	13	Managing Configurations and Instances
Module	14	Managing Parts in Product Structure Explorer
Module	15	Introduction to Visualization
Module	16	Getting Around in Creo Elements/View
Module	17	Viewing and Interrogating Models
Module	18	Deconstructing a Creo Elements/View Model
Module	19	Working with Components
Module	20	Viewing Drawings, Images, and Documents
Module	21	Working with Markups and Annotation Sets
Module	22	Working with Construction Geometry
Module	23	Change Management Using Windchill

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# Windchill PDMLink 10.0 for AutoCAD Users

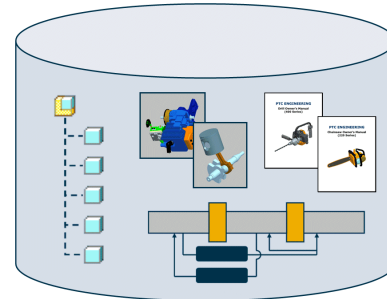
## Overview

Course Code	WBT-3126
Course Length	12 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.

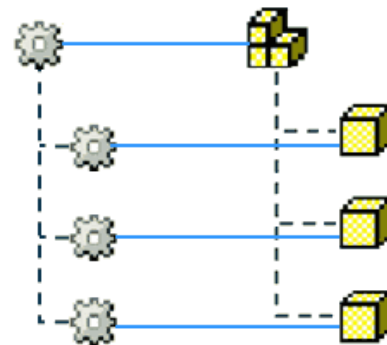
In this course, you will learn key capabilities and features of Windchill PDMLink and how to use Windchill to manage; documents, CAD data, and product structures. You will also learn how to use Windchill visualization and Windchill Change Management. You will focus on the day-to-day Windchill activities required by the CAD data management user community.

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 data
- View design data
- 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

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- Working knowledge of a CAD application

## Audience

---

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

## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Working With Documents Using Windchill
Module	4	Getting Started with CAD Data Management
Module	5	Initiating New Designs and Sharing Design Data
Module	6	Modifying and Managing Design Data
Module	7	Introduction to Product Structure Management
Module	8	Viewing Product Structures
Module	9	Creating Product Structures
Module	10	Managing Product Structures
Module	11	Managing Structure Filters
Module	12	Managing Configurations and Instances
Module	13	Managing Parts in Product Structure Explorer
Module	14	Introduction to Visualization
Module	15	Getting Around in Creo Elements/View
Module	16	Viewing and Interrogating Models
Module	17	Deconstructing a Creo Elements/View Model
Module	18	Working with Components
Module	19	Viewing Drawings, Images, and Documents
Module	20	Working with Markups and Annotation Sets
Module	21	Working with Construction Geometry
Module	22	Change Management Using Windchill

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# Windchill PDMLink 10.0 for Engineers

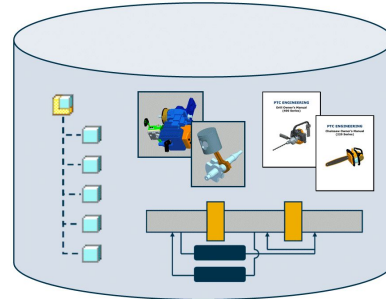
## Overview

Course Code WBT-3128

Course Length 10 Hours

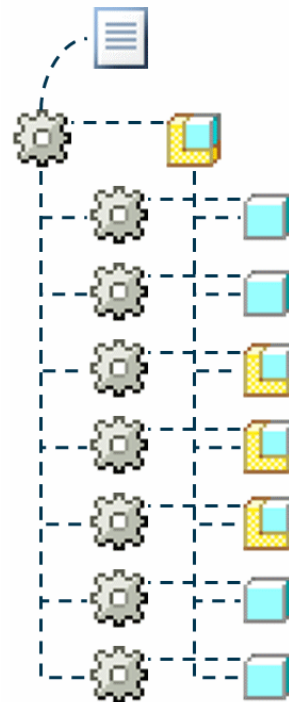
In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage product information. Specifically, you will focus on the day-to-day data management tasks required by the Engineer, including how to build and manage product structures, manage documents, participate in the engineering change process, and work with information in PDMLink.

After finishing the course, you will complete Pro/FICIENCY skills assessment questions. These questions are used to help reinforce your understanding of the course topics.



## Course Objectives

- Identify components of the Windchill Environment.
- Navigate, locate and view information within Windchill.
- Use Creo Elements/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

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

## Audience

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- This course is intended for Engineers.
-

## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Working With Documents Using Windchill
Module	3	Introduction to Product Structure Management
Module	4	Viewing Product Structures
Module	5	Creating Product Structures
Module	6	Managing Product Structures
Module	7	Managing Structure Filters
Module	8	Introduction to Visualization
Module	9	Getting Around in Creo Elements/View
Module	10	Viewing and Interrogating Models
Module	11	Deconstructing a Creo Elements/View Model
Module	12	Working with Components
Module	13	Viewing Drawings, Images, and Documents
Module	14	Working with Markups and Annotation Sets
Module	15	Working with Construction Geometry
Module	16	Change Management Using Windchill

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# Windchill PDMLink 10.0 for Manufacturing Engineers

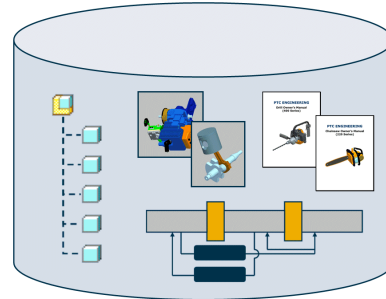
## Overview

Course Code WBT-3129

Course Length 8 Hours

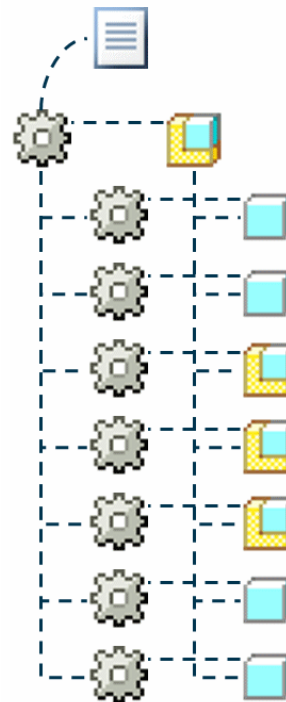
In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage product information. Specifically, you will focus on the day-to-day data management tasks required by the Manufacturing Engineer, including how to build and manage product structures, manage documents, participate in the engineering change process, and work with information in PDMLink.

After finishing the course, you will complete Pro/FICIENCY skills assessment questions. These questions are used to help reinforce your understanding of the course topics.



## Course Objectives

- Identify components of the Windchill Environment.
- Navigate, locate and view information within Windchill.
- Use Creo Elements/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

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

## Audience

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- This course is intended for Manufacturing Engineers.
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## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Working With Documents Using Windchill
Module	I	Introduction to Product Structure Management
Module	Í	Viewing Product Structures
Module	Î	Creating Product Structures
Module	7	Managing Product Structures
Module	8	Managing Structure Filters
Module	9	Managing Configurations and Instances
Module	10	Managing Parts in Product Structure Explorer
Module	11	Introduction to Visualization
Module	12	Getting Around in Creo Elements/View
Module	13	Viewing and Interrogating Models
Module	14	Deconstructing a Creo Elements/View Model
Module	15	Working with Components
Module	16	Viewing Drawings, Images, and Documents
Module	17	Working with Markups and Annotation Sets
Module	18	Working with Construction Geometry
Module	19	Change Management Using Windchill

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# Windchill PDMLink 10.0 for Configuration Managers

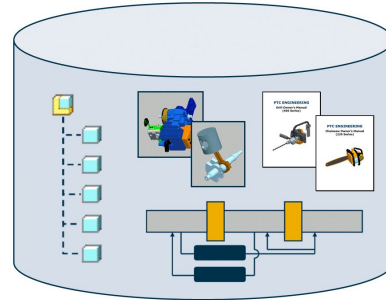
## Overview

Course Code WBT-3130

Course Length 13 Hours

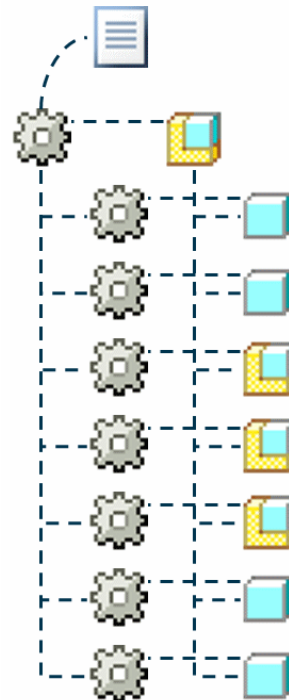
In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage product information. Specifically, you will focus on the day-to-day data management tasks required by the Configuration Manager, including how to build and manage product structures, conduct basic configuration management, manage documents, participate in the engineering change process, and work with information in PDMLink.

After finishing the course, you will complete Pro/FICIENCY skills assessment questions. These questions are used to help reinforce your understanding of the course topics.



## Course Objectives

- Identify components of the Windchill Environment.
- Navigate, locate and view information within Windchill.
- Use Creo Elements/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

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

## Audience

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- This course is intended for Configuration Managers.
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## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Working With Documents Using Windchill
Module	4	Introduction to Product Structure Management
Module	5	Viewing Product Structures
Module	6	Creating Product Structures
Module	7	Managing Product Structures
Module	8	Managing Structure Filters
Module	9	Managing Configurations and Instances
Module	10	Introduction to Visualization
Module	11	Getting Around in Creo Elements/View
Module	12	Viewing and Interrogating Models
Module	13	Deconstructing a Creo Elements/View Model
Module	14	Working with Components
Module	15	Viewing Drawings, Images, and Documents
Module	16	Working with Markups and Annotation Sets
Module	17	Working with Construction Geometry
Module	18	Change Management Using Windchill

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# Windchill PDMLink 10.0 for Document Editors and Authors

## Overview

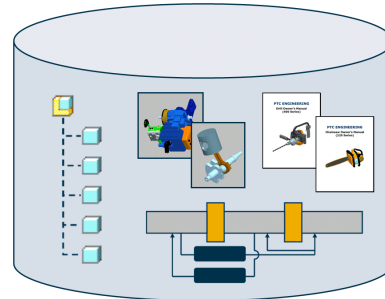
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Course Code	WBT-3131
Course Length	6 Hour

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.

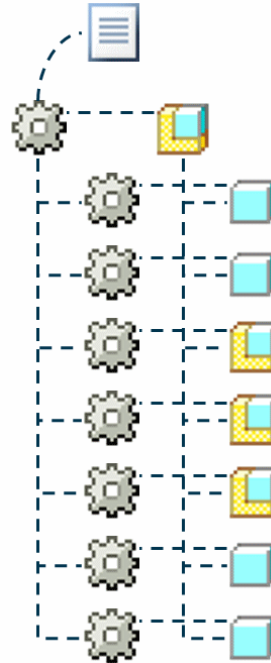
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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- 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

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- Working knowledge of Creo Elements/Pro

## Audience

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



## Table of Contents

Module	1	Introduction to the Windchill Environment
Module	2	Locating Information
Module	3	Viewing Information
Module	4	Creating Documents and Links
Module	5	Modifying and Managing Documents
Module	6	Introduction to Product Structure Management
Module	7	Managing Your Work
Module	8	Communication and Collaboration
Module	9	Participating in Processes
Module	10	Performing Common Tasks
Module	11	Managing Windchill Packages
Module	12	Introduction to Visualization
Module	13	Getting Around in Creo Elements/View
Module	14	Viewing Drawings, Images, and Documents
Module	15	Introduction to the Change Process

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## Windchill PDMLink 10.0 for Managers

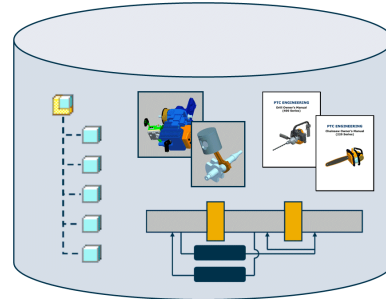
### Overview

Course Code WBT-3133-01

Course Length 7 Hours

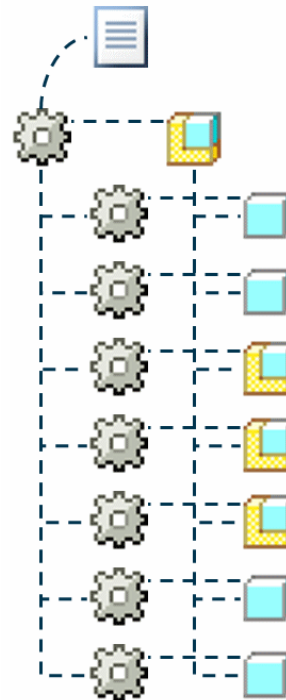
In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage product information. Specifically, you will focus on day-to-day management tasks, including how to view and use product information to make business decisions.

After finishing the course, you will complete Pro/FICIENCY skills assessment questions. These questions are used to help reinforce your understanding of the course topics.



### Course Objectives

- Identify components of the Windchill Environment.
- Navigate, locate and view information within Windchill.
- Use Creo Elements/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

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

## Audience

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- This course is intended for Managers.
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## Table of Contents

Module	1	Locating and Viewing Windchill PDMLink Data
Module	2	Common Windchill Activities
Module	3	Working With Documents Using Windchill
Module	I	Introduction to Product Structure Management
Module	Í	Viewing Product Structures
Module	Î	Creating Product Structures
Module	Ï	Managing Product Structures
Module	8	Managing Structure Filters
Module	9	Introduction to Visualization
Module	10	Getting Around in Creo Elements/View
Module	11	Viewing and Interrogating Models
Module	12	Working with Markups and Annotation Sets
Module	13	Change Management Using Windchill

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# Update to Windchill PDMLink 10.0 from Windchill PDMLink 8.0

## Overview

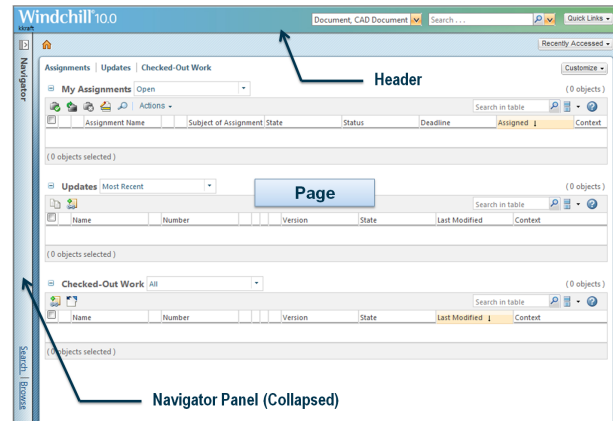
Course Code WBT-3140

Course Length 8 Hour

This course is designed for users who need to update their Windchill knowledge and skills from Windchill PDMLink 8.0 to work in a Windchill PDMLink 10.0 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 8.0 using the new Windchill PDMLink 10.0 interface.

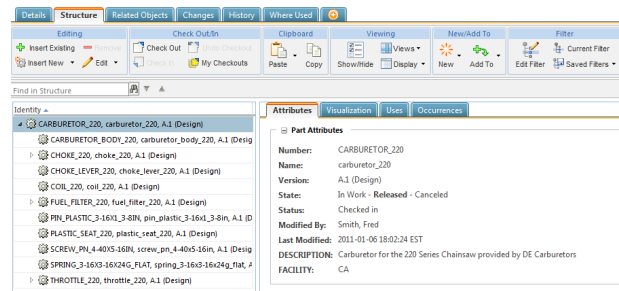
In this course, you will learn about the feature and interface updates to Windchill PDMLink 10.0 from Windchill PDMLink 8.0. You will learn about general Windchill usability enhancements, new ways to work with Windchill business objects, and specific enhancements for managing documents. You will learn 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, preferences, 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, event manager, and security settings
- 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
- Create and manage subscriptions using enhanced capabilities
- 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 using 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 Windchill product structure management including BOM notes, effectivity processing, and structure filtering and compare
- Explore and use the new Product Structure Browser interface



## Prerequisites

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- Working knowledge of Windchill PDMLink 8.0

## Audience

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- This course is designed for users who need to update their Windchill knowledge and skills from Windchill PDMLink 8.0 to work in the Windchill PDMLink 10.0 environment
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## Table of Contents

Module	1	Windchill Usability Enhancements
Module	2	Working with Objects
Module	3	Document Management Enhancements
Module	4	Collaborating with Others
Module	5	Change Management Enhancements
Module	6	Product Structure Management Enhancements

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# Update to Windchill PDMLink 10.0 from Windchill PDMLink 9.0/9.1

## Overview

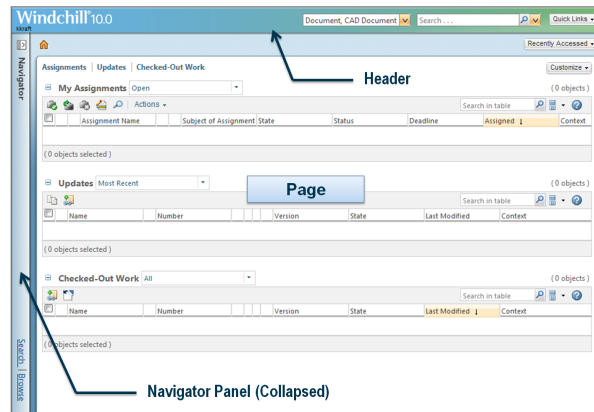
Course Code WBT-3141

Course Length 8 Hour

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 10.0 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 10.0 interface.

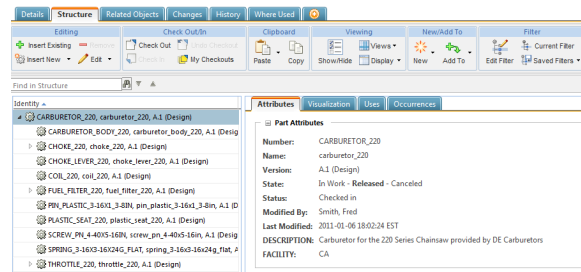
In this course, you will learn about the feature and interface updates to Windchill PDMLink 10.0 from Windchill PDMLink 9.0 and 9.1. You will also learn about general Windchill usability enhancements, new ways to work with Windchill business objects, and specific enhancements for managing documents. 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, and structure filtering and compare
- Explore and use the new Product Structure Browser interface



## Prerequisites

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- Working knowledge of Windchill PDMLink 9.0 or Windchill PDMLink 9.1

## Audience

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- 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 10.0 environment
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## Table of Contents

Module	1	Windchill Usability Enhancements
Module	2	Working with Objects
Module	3	Document Management Enhancements
Module	4	Collaborating with Others
Module	5	Change Management Enhancements
Module	6	Product Structure Management Enhancements

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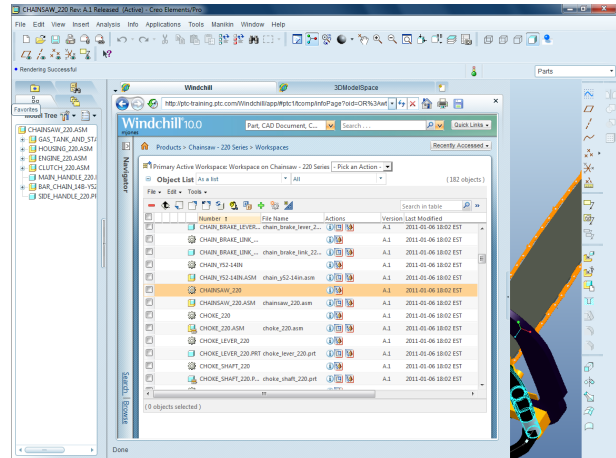
# Update to Creo Elements/Pro Data Management with Windchill PDMLink 10.0 from Windchill PDMLink 8.0

## Overview

Course Code	WBT-3142
Course Length	1 Hour

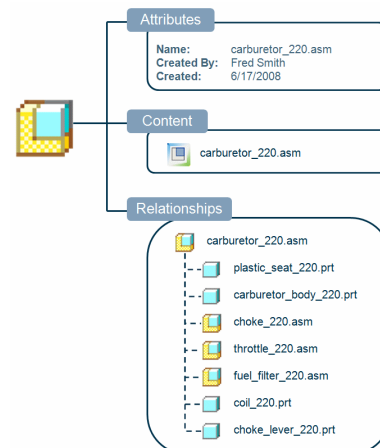
In this course, you will learn about enhancements to managing Creo Elements/Pro data in Windchill. Specifically, you will learn about the update to Creo Elements/Pro Data Management with Windchill PDMLink 10.0 from Windchill PDMLink 8.0. These enhancements include general usability, changes to the user interface, and the addition of new features available through the workgroup manager and Windchill Web pages.

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 Windchill user interface enhancements that improve working with Creo Elements/Pro data
- Use advanced Check out and Revise options
- Use the Move action to relocate design documents
- Use the Auto-associate page to create relationships between WTParts and CAD documents
- Identify Creo Elements/Pro file dependencies
- View and collect related data using Creo Elements/Pro dependencies in Windchill
- Compare structures
- Identify features to perform Top Down Design
- Use workspace frames
- Identify new features for Heterogeneous Design in Context (HDIC)



## Prerequisites

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- Working knowledge of Windchill PDMLink 8.0 Pro/ENGINEER Data Management

## Audience

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- This course is designed for users who need to update their Creo Elements/Pro data management knowledge and skills from Windchill PDMLink 8.0 to work in the Windchill PDMLink 10.0 environment
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## Table of Contents

Module	1	Creo Elements/Pro Data Management Enhancements
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# Update to Creo Elements/Pro Data Management with Windchill PDMLink 10.0 from Windchill PDMLink 9.0/9.1

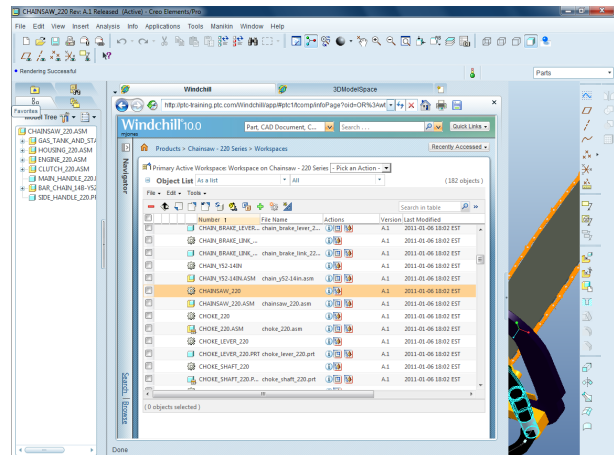
## Overview

Course Code WBT-3143

Course Length 1 Hour

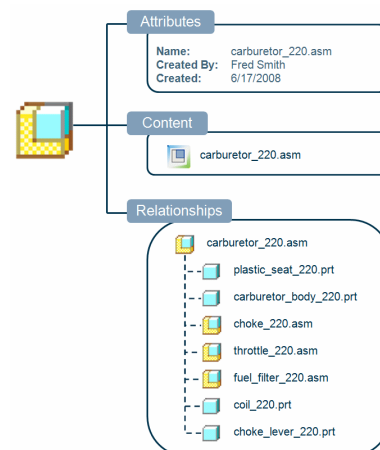
In this course, you will learn about enhancements to managing Creo Elements/Pro data in Windchill. Specifically, you will learn about the update to Creo Elements/Pro Data Management with Windchill PDMLink 10.0 from Windchill PDMLink 9.0/9.1. These enhancements include general usability, changes to the user interface, and the addition of new features available through the workgroup manager and Windchill Web pages.

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 Windchill user interface enhancements that improve working with Creo Elements/Pro data
- Use advanced Check out and Revise options
- Use the Move action to relocate design documents
- Use the Auto-associate page to create relationships between WTParts and CAD documents
- Identify Creo Elements/Pro file dependencies
- View and collect related data using Creo Elements/Pro dependencies in Windchill
- Compare structures
- Identify features to perform Top Down Design
- Use workspace frames
- Identify new features for Heterogeneous Design in Context (HDIC)





## Prerequisites

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- Working knowledge of Windchill PDMLink 9.0 Pro/ENGINEER Data Management or Windchill PDMLink 9.1 Pro/ENGINEER Data Management

## Audience

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- This course is designed for users who need to update their Creo Elements/Pro data management knowledge and skills from Windchill PDMLink 9.0 or 9.1 to work in the Windchill PDMLink 10.0 environment
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## Table of Contents

Module	1	Creo Elements/Pro Data Management Enhancements
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## Introduction to Windchill PDMLink 10.0 for Light Users

### Overview

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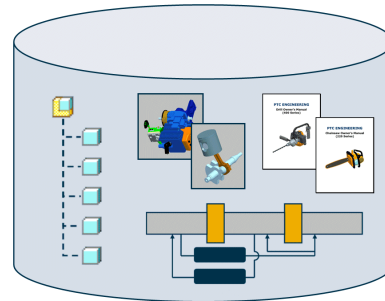
Course Code WBT-3145

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 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.

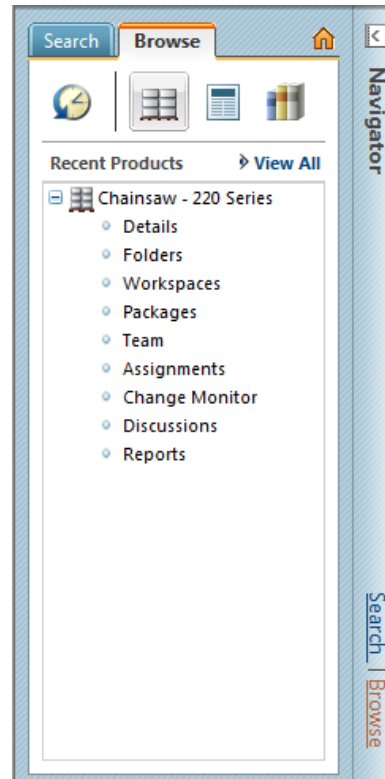
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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



## Prerequisites

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- Basic browser and Web navigation skills

## Audience

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- 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

## Table of Contents

Module	1	Introduction to the Windchill Environment
Module	2	Locating Information
Module	3	Viewing Information
Module	4	Introduction to Visualization
Module	5	Using Creo Elements View/Lite to View and Annotate Information
Module	6	Managing Your Work
Module	7	Participating in Processes

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## Introduction to Windchill PDMLink 10.0 for Heavy Users

### Overview

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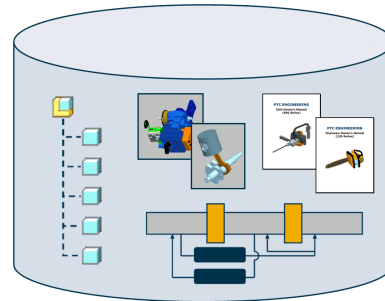
Course Code	WBT- 3146
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Course Length	16 Hours
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In this course, you will learn how to complete the day-to-day functions that enable you to create and manage product information with Windchill PDMLink. 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.

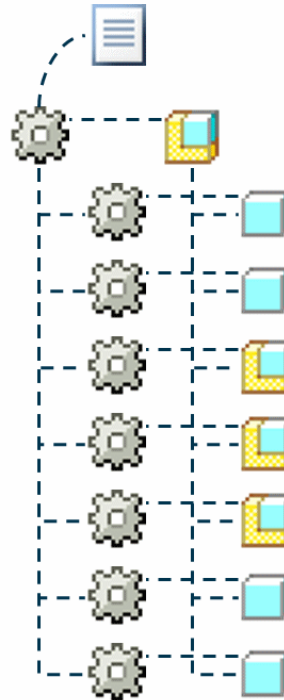
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

---

- Understand the Windchill PDMLink environment and terminology
- Locate and view product information
- View information using Creo Elements/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

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

## Audience

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

## Table of Contents

Module	1	Introduction to the Windchill Environment
Module	2	Locating and Viewing Information
Module	3	Viewing Information using Creo Elements/View Lite
Module	4	Introduction to Product Structure Management
Module	5	Creating Product Structures
Module	6	Managing Product Structures
Module	7	Managing Structure Filters
Module	8	Managing Parts in Product Structure Explorer
Module	9	Creating and Managing Documents
Module	10	Introduction to the Change Process
Module	11	Initiating and Implementing Change
Module	12	Managing Your Work

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# Introduction to Windchill PDMLink 10.0 for the Implementation Team

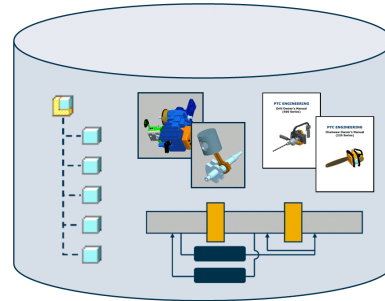
## Overview

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Course Code WBT-3147

Course Length 16 hours

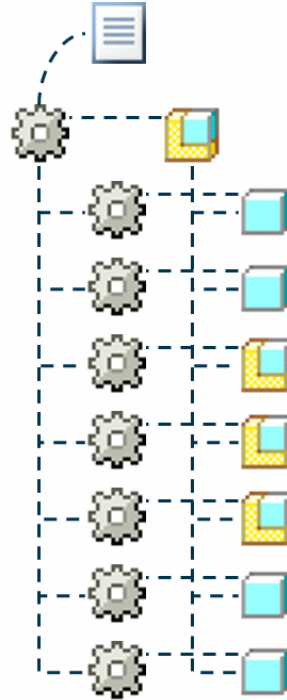
In this course, you will learn how to complete basic Windchill PDMLink functions. You will learn how to access and navigate the Windchill PDMLink environment, use Windchill PDMLink's visualization tools, manage CAD and product information, and manage product information changes. Other topics include 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 Elements/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

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

## Table of Contents

Module	1	Introduction to the Windchill Environment
Module	2	Locating and Viewing Information
Module	3	Viewing Information using Creo Elements/View Lite
Module	4	Getting Started with CAD Data Management
Module	5	Initiating New Designs and Sharing Design Data
Module	6	Modifying and Managing Design Information
Module	7	Introduction to Product Structure Management
Module	8	Creating and Managing Product Structures
Module	9	Creating and Managing Documents
Module	10	Introduction to the Change Process
Module	11	Initiating and Implementing Change
Module	12	Managing Your Work

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# Creo Elements/Pro Data Management with Windchill PDMLink 10.0

## Overview

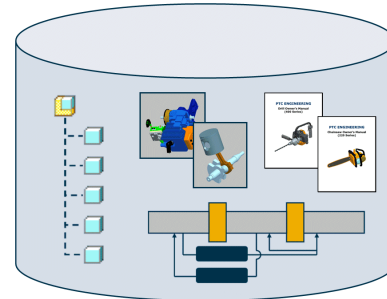
Course Code WBT-3153

Course Length 8 hour

After completing this course, you will be prepared to complete basic Windchill PDMLink CAD data management tasks and activities, as well as having 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 Elements/Pro design information. Specifically, you will focus on the day-to-day data management tasks required by the Creo Elements/Pro 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 Elements/Pro CAD Documents and their associated product structure objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 10.0 course or all modules of Windchill PDMLink 10.0 – CAD Data Management course .

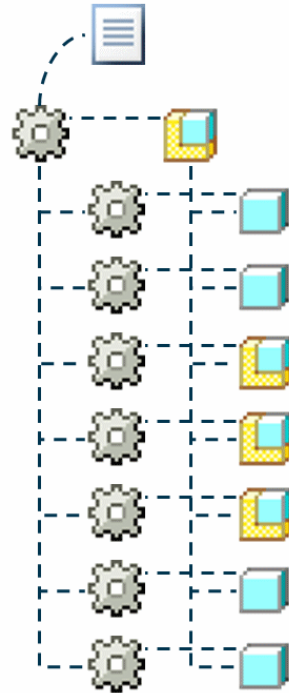
At the end of each module, you will complete a skills assessment. The questions are used to help reinforce your understanding of the module topics and form the basis for review of any topics, if necessary.



## Course Objectives

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- 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

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- Working knowledge of Creo Elements/Pro
- Completion of any one of the following:
  - TRN-3145 Introduction to Windchill PDMLink 10.0 for Light Users
  - TRN-3146 Introduction to Windchill PDMLink 10.0 for Heavy Users
  - TRN-3147 Introduction to Windchill PDMLink 10.0 for the Implementation Team

## Audience

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

## Table of Contents

Module	1	Getting Started with Creo Elements/Pro Data Management
Module	2	Initiating New Designs and Sharing Design Data
Module	3	Modifying and Managing Design Data
Module	4	Understanding File Relationships and Dependencies
Module	5	Managing Family Tables
Module	6	Managing CAD Data

---

## Business Administration of Windchill PDMLink 10.0

### Overview

Course Code	WBT-3160
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 learn how to perform basic Windchill PDMLink administration tasks. You will learn how to plan and create user accounts and groups, and how to 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.

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
- Assign product and library creators
- Create and manage product and library 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 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 product and library context templates
  - Create, manage, and edit promotion preferences
  - Identify the promotion review and approval processes
  - Identify the pre-configured Windchill change management functions
  - Access business metrics from Change Monitor reports
  - 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

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- Any one of the following courses:
  - TRN-3145 Introduction to Windchill PDMLink 10.0 for Light Users
  - TRN-3146 Introduction to Windchill PDMLink 10.0 for Heavy Users
  - TRN-3147 Introduction to Windchill PDMLink 10.0 for the Implementation Team

## Audience

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- 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.

## Table of Contents

Module	1	Introduction to Windchill Business Administration
Module	2	Managing Participants
Module	3	Managing Contexts
Module	4	Managing Objects, Object Types, and Object Attributes
Module	5	Managing Object Type Behavior
Module	6	Automating Processes Using Life Cycles and Workflows
Module	7	Managing Domain Policies and Access Control
Module	8	Managing Teams
Module	9	Managing Organization Templates
Module	10	Implementing Promotion and Change Processes
Module	11	Administrative Support Tools

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# Update to Windchill 10.0 for System Administrators

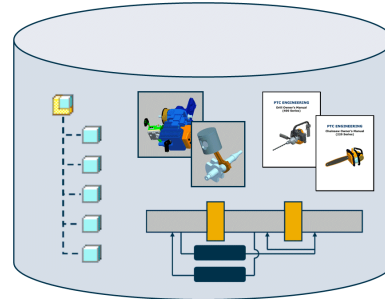
## Overview

Course Code WBT-3165

Course Length 16 Hour

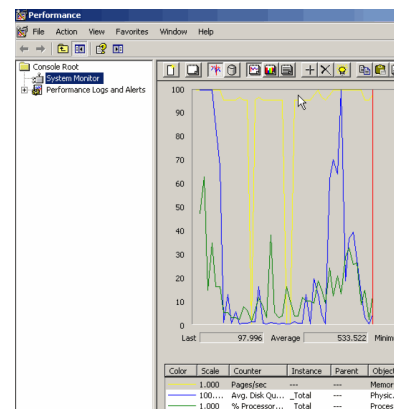
This course focuses on Windchill 10.0 system administration enhancements as well as serving as a refresher course for administrators who are involved in performing routine system administration activities in a Windchill 10.0 environment. In this course, you will learn how to perform Windchill system 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 Oracle database, troubleshooting background queues, performing backups, and managing file vaults.

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 Windchill architecture
- Tune Windchill components
- Manage Windchill runtime services
- Review and implement Windchill file vaulting and replication mechanism
- Manage background queues
- Manage Oracle database
- Manage system logs and alerts
- Monitor daily, weekly, and monthly system administration tasks
- Review system backup procedures and perform backups



## Prerequisites

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- Familiarity with the Windchill PDMLink 10.0 or Windchill ProjectLink 10.0 user interface
- Familiarity with the Windows command prompt and the ability to form and execute basic SQL statements

## Audience

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- This training course is intended for System Administrators and Application Developers
  - This training course is designed for administrators who need to update their Windchill system administration knowledge and skills from previous Windchill versions to work in the Windchill 10.0 environment
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## Table of Contents

Module	1	Windchill System Architecture Overview
Module	2	Managing Windchill Services
Module	3	Managing Windchill Properties
Module	4	File Vaulting and Replication Overview
Module	5	Tuning Windchill Server
Module	6	Managing Background Queues
Module	7	Oracle Database Management
Module	8	Windchill Backup and Recovery
Module	9	Managing Log Files and Alerts
Module	10	System Monitoring — Daily Tasks
Module	11	System Monitoring — Weekly Tasks
Module	12	System Monitoring — Monthly Tasks

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# System Administration of Windchill 10.0

## Overview

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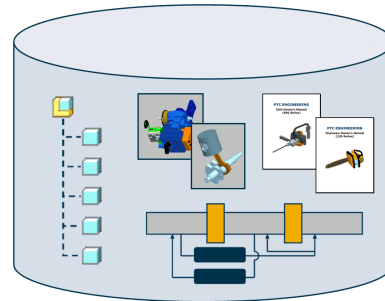
Course Code      WBT-3166

Course Length    24 Hour

In this course, you will learn how to install and configure Windchill system components. You will learn how to implement file vaulting and content replication. You will learn 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 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.

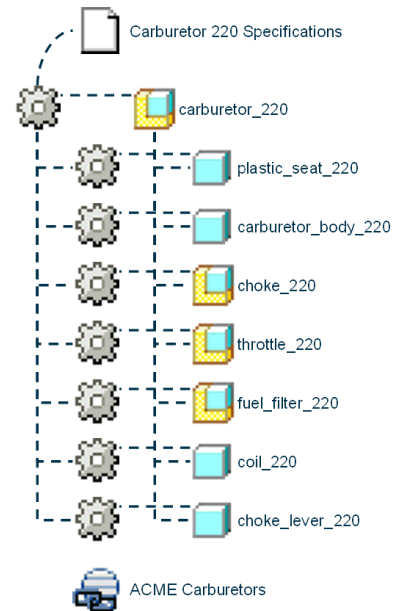
Note: Due to the subject matter of this class, simulated software is used for Windchill installation to provide an accurate, effective, and efficient training experience that could not otherwise be duplicated in a standard classroom environment.



## Course Objectives

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- 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

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- Familiarity with the Windchill PDMLink 10.0 or Windchill ProjectLink 10.0 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

## Table of Contents

Module	1	Windchill System Architecture Overview
Module	2	Planning Windchill Installation
Module	3	Installing Windchill Components
Module	4	Managing Windchill Services
Module	5	Managing Windchill Properties
Module	6	File Vaulting and Replication Overview
Module	7	Implementing File Vaults
Module	8	Implementing Content Replication
Module	9	Tuning Windchill Server
Module	10	Managing Background Queues
Module	11	Tuning Workflow Processes
Module	12	Oracle Database Management
Module	13	Windchill Backup and Recovery
Module	14	Managing Log Files and Alerts
Module	15	System Monitoring — Daily Tasks
Module	16	System Monitoring — Weekly Tasks
Module	17	System Monitoring — Monthly Tasks

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